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experience

ANESTHESIOLOGY™ 2014



OCTOBER 11-15 | NEW ORLEANS, LA

MEETING GUIDE

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MITCHELL J. LANDRIEU, MAYOR
CITY OF NEW ORLEANS

Dear ASA Attendees, Guests and Exhibitors,

It is my pleasure to welcome the American Society of Anesthesiologists to New Orleans for ANESTHESIOLOGY™ 2014, October 11-15. Thank you for your commitment to our great City.

New Orleans provides the best venue for discussing the latest technology in anesthesiology and networking with fellow physicians. Our research facilities will provide a platform for the world's leading experts to conduct symposia and increase awareness about perioperative medicine.



I encourage you to embrace everything New Orleans has to offer. Take some time to visit our historic French Quarter, fine restaurants and entertainment venues and absorb the hospitality that makes New Orleans the most authentic and culturally rich destination in America.

Again, thank you for choosing New Orleans for this year's event and we I hope you enjoy your stay.

A handwritten signature in black ink that reads "Mitch". The signature is stylized and cursive.

Mitchell J. Landrieu
Mayor, City of New Orleans

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PHONE 504-658-4900 | FAX 504-558-4938



Dear Friends,



We are pleased to invite you to the ANESTHESIOLOGY™ 2014 annual meeting, the premier anesthesiology educational event in the world, to be held this October 11 to 15 in New Orleans. Each year, more than 15,000 attendees from over 90 countries gather to learn about the latest bench and clinical science, technology, and ground-breaking advances in anesthesiology.

What's so special about the ANESTHESIOLOGY™ 2014 annual meeting? The wide spectrum of topics, international focus and the industry professionals representing every facet of the anesthesiology-related health care industry assembled in one place, at one time.

With more than 500 educational sessions across 10 dedicated learning tracks, including subspecialty and international panel discussions, there is truly something for everyone. The ASA continues to transition from paper to electronic program materials, and has the software tools to help you create a customized education plan that meets your needs. Spouses and guests will, of course, find New Orleans an attractive and unique city to explore.

A new ASA initiative, the Perioperative Surgical Home (PSH), is a hot topic in health care and will be discussed in a variety of sessions, including this year's Opening Session. To provide attendees with a global perspective on anesthesiology, we offer three dedicated international sessions and panel presentations, including an international forum on patient safety and quality outcomes.

For nearly 70 years, anesthesiologists from around the world have relied on ASA's annual meeting for industry-leading education, practice management guidance, technology updates, networking opportunities and cutting-edge anesthesiology products and services. Experience the event that will be talked about for the rest of the year.

See you in October!

Jane C.K. Fitch, M.D.
President

Michael F. O'Connor, M.D.
Chair, Committee on Annual Meeting Oversight

2014 ASA COMMITTEE ON ANNUAL MEETING OVERSIGHT

ASA would like to express appreciation for and recognize the outstanding efforts of the members of the Committee on Annual Meeting Oversight in planning the ANESTHESIOLOGY™ 2014 annual meeting.

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Special Events & Meetings

SPE01 Challenges in Anesthesiology: A European Perspective
 Saturday, October 11 | 8-10 a.m. | 265-268

Moderator: Daniela Filipescu, M.D.

This symposium will address the challenges for anesthesiology in the growing field of evidence-based perioperative medicine. Upon completion of this learning activity, participants should be able to identify the interactions between anesthesiologists and other medical specialties in perioperative medicine, to assess the importance of guidelines in daily clinical practice and to appreciate how scientific organizations such as ESA address the issue of perioperative patient safety.

SPE02 ANESTHESIOLOGY 2014 Opening Session: Are You the Anesthesiologist of the Future?

Saturday, October 11 | 10:30-11:45 a.m. | Great Hall AD



Lead Speaker: Jason Hwang, M.D.

The 2014 Opening Session will address game-changing “disruptive innovations” taking place in medicine that present untold opportunities for physician anesthesiologists to become leaders in the coming health care paradigm.

Don't miss this rare opportunity to hear Louisiana Gov. Bobby Jindal – one of the freshest, most invigorating minds in the Republican Party and potential 2016 GOP presidential candidate. Gov. Jindal's successes in Louisiana's education and ethics reform as well as his transformation of Louisiana's health care system have made him a highly respected voice in the GOP today.

At the center of this year's program – and at the center of this new paradigm – is the Perioperative Surgical Home (PSH) model of care, which puts physician anesthesiologists at the head of a health care system that seeks a better patient experience, improved outcomes and reduced costs of care.

Jason Hwang, M.D., M.B.A. is coauthor of *The Innovator's Prescription: A Disruptive Solution for Health Care*, which was the 2010 Book of the Year recipient of the American College of Healthcare Executives and 2011 winner of the Health Journal Circle Prize for Inspiring Innovation. Dr. Hwang is an internal medicine physician and chief medical officer and co-founder of PolkaDoc, a telehealth company that delivers primary care via smartphone. Mark A. Warner, M.D., 2010 ASA President and Professor of Anesthesiology and Dean, Mayo School of Graduate Medical Education, and Zeev Kain, M.D., M.B.A., Associate Dean for Clinical Operations, UC-Irvine, will present real-world examples of PSH successes and offer insight into how you can incorporate the tenets of the PSH in your own practices.

Jason Hwang, M.D., M.B.A., author of *The Innovator's Prescription: A Disruptive Solution for Health Care*

Mark A. Warner, M.D., 2010 ASA President, Professor of Anesthesiology Mayo Clinic College of Medicine Rochester, MN
Zeev Kain, M.D., M.B.A., Professor and Chair, Department of Anesthesiology & Perioperative Care, and Associate Dean for Clinical Operations, UC-Irvine

Featuring Louisiana Governor Bobby Jindal

SPE03 ASA/APSF Ellison C. Pierce, Jr., M.D. Patient Safety Memorial Lecture: Competence and Teamwork Are Not Enough: The Value of Cognitive Aids
 Saturday, October 11 | 1-2 p.m. | Great Hall B



Lead Speaker: David Gaba, M.D.

Dr. Gaba is Associate Dean for Immersive and Simulation-based Learning, Co-Director, Patient Simulation Center of Innovation, and staff physician, VA Palo, Alto Health Care System. He is also editor-in-chief of *Simulation in Healthcare*. Successful care of the patient in anesthesia used to be considered solely as due to the individual knowledge and skill embodied in the single anesthesiologist. Now we also know the importance of teamwork – and team management – by the anesthesiologist. Yet for all other human activities of high intrinsic danger (e.g., aviation, nuclear power production), these factors alone are known to not be enough to optimize safety and productivity, in part because human memory is limited and fallible, especially under stress. A principle of human factors is to use both knowledge in the head (memory) and knowledge in the world (presented externally) for optimal results. Cognitive aids are the variety of physical and electronic representations of knowledge in the world designed to assist anesthesiologists and their co-workers in executing complex decision-making in dynamic settings, such as managing the anesthetized patient. Examples of such aids include pre-work checklists (e.g., anesthesia machine check; WHO pre-surgical checklist); emergency manuals (to be used in real-time to guide problem solving); tables, nomograms, calculators; and electronic systems (anesthesia information management systems, and decision-support software). This lecture will review the rationale for and the different types of cognitive aids that have been developed for perioperative settings, with an emphasis on emergency manuals. It will also discuss how their use can be integrated with individual competence and knowledge and interprofessional teamwork to achieve optimal patient safety. The status of adoption of use of cognitive aids and their likely future evolution will also be explored.

SPE04 Perioperative Cardiology: Results from VISION, POISE-2, SIRS and ENIGMA-2

Saturday, October 11 | 2-4 p.m. | Great Hall A



Lead Speaker: Daniel I. Sessler, M.D., POISE-2, Clonidine

Speakers: Andrea M. Kurz, M.D., VISION
Philip Devereaux, M.D., POISE-2, Aspirin
Richard Whitlock, M.D., M.Sc., FRCSC, SIRS Trial
Paul S. Myles, M.B., B.S., ENIGMA-2

Investigators will present the results of four major studies, totaling 65,000 patients. VISION is a prospective cross-sectional cohort study that evaluated cardiovascular risk in patients having non-cardiac surgery. POISE-2 and ENIGMA-2 are randomized trials that evaluated aspirin, clonidine and nitrous oxide avoidance for prophylaxis against postoperative myocardial infarctions. And finally, the SIRS trial evaluated the effect of steroid administration on mortality and myocardial injury in patients having cardiac surgery.

SPE05 Anesthesia Patient Safety Foundation Workshop: Competence and Teamwork Are Not Enough: Implementing Emergency Manuals and Checklists

Saturday, October 11 | 2-4 p.m. | Great Hall B

Lead Speaker: Jeffrey B. Cooper, Ph.D.

Speakers: David M. Gaba, M.D., Summary of Why Emergency Manuals are Needed in Perioperative Care

Sara N. Goldhaber-Fiebert, M.D., Basic Principles of Implementation of Emergency Manuals

Paul G. Preston, M.D., What's the Right Manual for Your Organization, Group or Hospital?

William R. Berry, M.D., Getting Over the Culture Barriers

Matthew B. Weinger, M.D.

Based upon the content presented in the Ellison C. Pierce, Jr., Memorial Lecture, this workshop will concentrate on the practical aspects of systematically implementing emergency manuals in perioperative settings. Experts on the development and production of emergency manuals will give guidance about key aspects of how to use emergency manuals with a focus on the process of implementation. The critical elements of implementation will be discussed in introductory presentations, followed by a panel discussion and facilitated breakout groups. The session will provide an interactive experience for attendees to learn about how to incorporate emergency manuals rather than on what they are or why they are needed, which will be covered in the Pierce lecture. The presentation will include a panel discussion on "When and How Should the Manual Be Used?"

SPE06 WFSA Panel: Government Funded Healthcare and Anesthesia – An International Perspective on Successes and Failures

Sunday, October 12 | 8-10 a.m. | Great Hall B



Lead Speaker: Adrian W. Gelb, M.B., B.Ch.
Speakers: Thomas R. Miller, Ph.D., M.B.A., Understanding Access Issues in Anesthesia Services

Susan O'Leary, M.D., FRCPC, The Canadian Experience

Jannicke Mellin-Olsen, M.D., Dr.PH, The Scandinavian Experience

Estela Melman, M.D., The Mexican Experience

Each of the national speakers will cover how health care is structured and financed, how anesthesia is reimbursed and their experiences over the past decade in dealing with government.

SPE27 PQRS Reporting via the QCDR Reporting Channel

Sunday, October 12 | 10-11 a.m. | Room 252-254

Richard P. Dutton, M.D., M.B.A.

This panel will be led by Richard Dutton, Chief Quality Officer of ASA and Executive Director of AQL. For 2014, CMS introduced Qualified Clinical Data Registry (QCDR) as a new PQRS reporting mechanism. PQRS reporting via the QCDR will help you avoid the payment adjustment. Learn about how you can use the NACOR registry for your quality and regulatory reporting. In this panel you will learn from experts of both AQL and ASA on how to utilize the QCDR reporting mechanism to submit your data to CMS. Key areas: Quality Measures, Quality Reporting, PQRS, QCDR.

SPE08 Society for Airway Management Ovassapian Lecture: The Airway Approach Algorithm: What Would Andy Say?

Sunday, October 12 | 12:30-1:30 p.m. | Great Hall B



Lead Speaker: William H. Rosenblatt, M.D.

There are only two entry points into the ASA Difficult Airway Algorithm – awake intubation and intubation after the induction of anesthesia. But how does the clinician choose between the two? Some guidance is provided by the Difficult Airway Task Force guidelines. But can the information gleaned

from the recommended preoperative assessment be organized in a manner that requires the practitioner to assess their own skills and experience? In the Ovassapian Lecture "What Would Andy Say?" the speaker will describe the organization of preoperative information and the clinician's self-assessment, with the goal of choosing a safe algorithm entry. The wit and wisdom of late task force member Andranik Ovassapian, M.D. will be channeled as the speaker questions the relevance of this approach.

SPE09 ABA Informational Session: Assessment Programs for Primary Certification in Anesthesiology

Sunday, October 12 | 4-4:30 p.m. | Room 335-336

Lead Speakers: Deborah J. Culley, M.D., Brenda Fahy, M.D., FCCM

The focus will be on certification in anesthesiology, including the ABA's transition to Staged Examinations and the new Part 2 (APPLIED) Examination format and content. Part 1 and Part 2 Examinations The focus will be on certification in anesthesiology, including the ABA's transition to Staged Examinations and the new Part 2 (APPLIED) Examination format and content.

- Description of the traditional Part 1 and Part 2 Examinations
- Part 2 Examination: Common candidate problems
- Transition to the new staged examinations; Overview of the BASIC, ADVANCED and APPLIED Examinations and timeline for residents
- Preview of the new ABA Assessment Center in Raleigh, N.C.
- Two-way communications: Program Director meetings.

SPE10 ABA Informational Session: Maintenance of Certification in Anesthesiology (MOCA®) Program

Sunday, October 12 | 4:30-5 p.m. | Room 335-336

Lead Speakers: Deborah J. Culley, M.D., Brenda Fahy, M.D., FCCM

The focus will be on the Maintenance of Certification in Anesthesiology Program (MOCA) and the program for Maintenance of Certification in Anesthesiology for Subspecialties (MOCA-SUBS). The focus will be on the Maintenance of Certification in Anesthesiology Program (MOCA) and the program for Maintenance of Certification in Anesthesiology for Subspecialties (MOCA-SUBS).

- Review of MOCA requirements/portal account access
- Overview of MOCA Part 4: Practice Performance Assessment and Improvement
- Transition from subspecialty recertification to maintenance of certification for subspecialties
- Simulation for MOCA video
- Future of MOCA; MOCA Survey results and MOCA Minute Pilot.

SPE11 Best of Abstracts: Basic Science

Monday, October 13 | 8-10 a.m. | Room 265-268

Moderators: James Rathmell, M.D., Jerrold H. Levy, M.D., Michael J. Avram, Ph.D.

Anesthesiology editors review submitted abstracts and select those appropriate for the Best Abstracts in Clinical and Basic Sciences. Authors of the Best Abstracts are invited to submit their work to the journal for publication consideration.

Please see the Scientific Abstract Guide for a listing of the Best of Abstracts: Clinical Science.

SPE12 FAER Academy of Research Mentors: Mentored Research Training Grants (MRTG): Success Elements for Trainees and Mentors
Monday, October 13 | 8-10 a.m. | Room 342



Lead Speaker: Evan D. Kharasch, M.D., Ph.D.
Speakers: Tamara Willis, Ph.D., M.P.H., AHRQ Career Development Opportunities
Rebecca Aslakson, M.D., Ph.D., After the MRTG: Patient-Centered Outcomes Research and PCORI
Creed Stary, M.D., Ph.D., Successful Career Development Plans

Y.S. Prakash, M.D., Ph.D., MRTG: Successful Mentoring Plans
Roger A. Johns, M.D., Moderator for Q&A

The 2014 FAER Academy of Mentors Workshop will address Mentored Research Training Grants: Success Elements for Trainees and Mentors. The audience for this workshop is both applicants and their mentors. One focus of the workshop will be the various types of mentored research training grant opportunities and their application mechanisms, both federal government and private, including FAER. A second focus will be how best to formulate and communicate scientific ideas to the specific audiences for each grant mechanism. A third focus will be on Individual Development Plans, which are new to the NIH application process increasingly emphasized by FAER, and often a challenge to applicants. The workshop will help clarify the purpose, content and expectations regarding these plans and to help guide applicants. The last focus will be mentoring plans – the purview of mentors to craft and write, but of great importance to trainees. The workshop will help clarify the purpose, content and expectations regarding these plans to help guide mentors.

SPE13 International Forum on Patient Safety and Quality Outcomes
Monday, October 13 | 8-10 a.m. | Great Hall B



Lead Speaker: Richard P. Dutton, M.D., M.B.A.
Speakers: Sven Staender, M.D., The European Patient Safety Foundation and OPUS: Optimizing Patients Undergoing Surgery
Matthew T.V. Chan, M.D., Large International Trials: What Can We Learn About Patient Safety?
Pedro Ibarra, M.D., M.Sc., National Anesthesia

Practice Standards in Colombia: A Success Story

This special forum will address international issues in anesthesiology safety, quality and research. The speakers are experienced leaders of national and regional quality improvement initiatives, and they will work together to define the issues that all providers have in common in promoting high-quality anesthesiology. Topics will cover national registries and census-level data collection, development of standards and guidelines, incident reporting systems and the shared experience of unusual events and complications, and the necessity for common practices to support international trials of anesthesia medications, devices and techniques.

SPE14 Emery A. Rovenstine Lecture: Health Care at the Crossroads: The Imperative for Change
Monday, October 13 | 10:20-11:35 a.m. | Great Hall AD



Lead Speaker: Karen B. Domino, M.D., M.P.H.
The current health care model in the United States is unsustainable. Health care expenditures per capita have increased every year since 1960, when spending was \$147 per citizen. In 2010, \$8,402 was spent per capita. At almost \$2.2 trillion, health care

spending in the U.S. is 2.5 times higher than the wealthy nation average. Health care spending has grown faster than the Gross Domestic Product (GDP). It is estimated that health care as a percentage of GDP will sit at 20 percent in 2017. By 2037, health care spending is estimated to rise to more than 30 percent, a level that will crowd out funding of other important societal necessities, including education of our children, transportation, defense and research funding. The massive health care spending has not improved outcomes. A recent Institute of Medicine report ranked the U.S. 17th out of 17 peer nations in life expectancy, and a JAMA study indicated that the U.S. ranks 27th out of 34 advanced nations in life expectancy. “Business as usual” is clearly a bad business policy. The funders of health care (e.g., federal and state governments, businesses and consumers) are responding to skyrocketing health care costs by focusing on quality, cost-containment, transparency and performance incentives. These include no payment for preventable events; no payment for certain hospital readmissions; payments with positive/negative incentives based on quality; value-based purchasing; value-based physician payments; reference pricing; and alternative payment models. The health care industry is responding with greater consolidation and potential loss of jobs. Anesthesiologists and other health care leaders must respond with a greater emphasis on wellness, prevention, standardization of care, and coordination of care by physician-led teams. Anesthesiologists are uniquely suited as perioperative leaders. Future training must emphasize the tenets of the Perioperative Surgical Home (better health, better delivery of care, reduced costs), physician-led team-based care, technological advancements (e.g., Sedasys[®], target controlled infusion devices, robotic anesthesia, decision support systems), and health policy and regulation changes. Significant transformations will need to be made to the residency curricula to meet the demands of future practice. Anesthesiologists are poised to take leadership positions across the continuum of perioperative care. The health care system of the future will embrace perioperative care that is organized, physician-led, team-based, and driven by quality and cost-containment. We must commit ourselves to new avenues of education and training. The future is ours to lead.

ASA Distinguished Service Award (DSA) Recipient: John Neeld, M.D.
Excellence in Research Award Recipient:

Henrik Kehlet, M.D., Ph.D.

Presidential Scholar Award Recipient: Rebecca A. Aslakson, M.D.

Nicholas M. Greene, M.D. Award for Outstanding Humanitarian Contribution Recipient: Lena E. Dohlman, M.D., M.P.H.

SPE15 Celebration of Research

Monday, October 13 | 11:45 a.m.-1:15 p.m. | Great Hall B



Lead Speaker: James C. Eisenach, M.D.
Excellence in Research Award Recipient: Henrik Kehlet, M.D., Ph.D.

Presidential Scholar Recipient: Rebecca Aslakson, M.D.

The Celebration of Research is a way to recognize and emphasize the important research being done in the field of anesthesiology as well as a way to honor those who have advanced the field of anesthesiology through their research. A basic tenet of the ASA's mission is to advance and support research in anesthesiology. Science and education are the foundation of progress in the specialty, and we are strengthening that foundation. The Celebration of Research gives this year's research award recipients the opportunity to present overviews of their work, followed by a panel discussion on research in anesthesiology.

- 11:45 a.m. – Welcome, James C. Eisenach, M.D.,**
 Editor-in-Chief, Anesthesiology
- 11:50 a.m. – Presentation of FAER Anesthesiology Mentoring Excellence in Research Award**
- 12 p.m. – Excellence in Research Award Recipient -**
 Henrik Kehlet, M.D., Ph.D.
- 12:25 p.m. – Presidential Scholar Award Recipient -**
 Rebecca A. Aslakson, M.D.
- 12:55 p.m. – Evan D. Kharasch, M.D., Ph.D., Chair,**
ASA Committee on Research Resident Research Awards:
 1st Place: Jennifer Danielsson, M.D.
 2nd Place: Andreas Duma, M.D.
 3rd Place: Elisha Peterson, M.D.
- 1:05 p.m. – Foundation for Anesthesia Education and Research (FAER) Report**
 James R. Zaidan, M.D., M.B.A., FAER Board Chair

SPE16 FAER-Helrich Research Lecture: The Clinical Neuroscience of Anesthesia: Research, Education and Patient Care

Monday, October 13 | 2-3 p.m. | Great Hall B



Lead Speaker: Emery N. Brown, M.D., Ph.D.

The FAER Honorary Research Lecture recognizes outstanding scholarship by a scientist in an effort to encourage young anesthesiologists to consider careers in research and teaching, which are crucial if anesthesiology is to maintain its reputation as a medical specialty continuously striving for excellence in patient care. In the 14th annual Honorary Research Lecture, Dr. Emery Brown, Warren M. Zapol Professor of Anaesthesia, Harvard Medical School, will discuss "The Clinical Neuroscience of Anesthesia: Research, Education and Patient Care." He will explain how neuroscience research is rapidly changing our understanding of anesthesia and how a deeper understanding of neuroscience can change patient care. He will also describe a neuroscience education program for anesthesiologists.

SPE17 Patrick Sim Forum: An Afternoon With the WLM Laureates of the History of Anesthesia

Monday, October 13 | 2-4 p.m. | Room 265-268



Lead Speaker: David B. Waisel, M.D.

Speakers: David J. Wilkinson, M.B.B.S., 2008 WLM Laureate of the History of Anesthesia
Douglas R. Bacon, M.D., M.A., 2012 WLM Laureate of the History of Anesthesia

The most prestigious award the WLM bestows is the Laureate of the History of Anesthesia, which is awarded every four years to an outstanding scholar and contributor in the field. To date, six Laureates have been awarded. We are most fortunate to have two of the most prominent historians of anesthesia, the 2008 Laureate, David J. Wilkinson, M.B., B.S., FRCA, and the 2012 Laureate, Douglas R. Bacon, M.D., M.A., join us for an intimate conversation. Through in-depth discussion sparked by moderator and audience questions, we will explore the arcs of their careers, their motivation to study anesthesia history, their best and worst moments, and the advice they would give to aspiring historians. We will discuss prominent historical controversies, fertile areas of research and why the study of anesthesia history is important. This forum is a once-in-a-lifetime opportunity to visit with these leading historians.

SPE18 FAER Panel: Future of Anesthesiology Research

Monday, October 13 | 3-5 p.m. | Great Hall B

Moderator: Zeljko Bosnjak, Ph.D.

Speakers: Yan Xu, Ph.D., The Benefits of Having Ph.D.s in Research in a Clinical Department

Keith H. Baker, M.D., Ph.D., Research on Education

Charles W. Emala, M.D., Physician-Scientist Faculty Development

Hannah Wunsch, M.D., M.Sc., The Role of Anesthesiologists in Perioperative Research

The panel will address the future of anesthesiology research from several viewpoints. First, the role of Ph.D. scientists in anesthesia departments will be highlighted, as well as the role they play in mentoring other faculty members. In addition, the importance of departmental educational programs as they relate to faculty development and improved patient care will be discussed. Finally, the panel will elaborate on the advantages of anesthesiologists in perioperative research and the value of their work to their medical centers.

SPE19 How Can FAER's New Education Mentorship Academy Help Anesthesiology Educators?

Monday, October 13 | 5-6 p.m. | Great Hall B

Lead Speaker: Catherine M. Kuhn, M.D.

An introduction to the recently initiated FAER Academy of Mentors will be provided. The Academy's goals and future directions will be outlined, and the purpose of this and future workshops framed for attendees. This will be followed by two case presentations from FAER Research in Education Grant (REG) recipients. They will briefly describe their research theme and describe how the FAER REG grant fit into their education career trajectory; they will also specifically comment on the role of their mentors and any enhanced opportunities for mentorship. Following these short presentations, moderators and all participants will be engaged in an interactive discussion using the previous material as a springboard. Themes to be explored include 1) elements a good education grant application, 2) importance of career development plan, 3) role of mentoring relationships and 4) resources available for mentors, including opportunities for mentor/mentee participation in and input into future workshops.

SPE20 Reduce Compliance Risks With Opioid Prescribing

Tuesday, October 14 | 8-10 a.m. | Great Hall B

Lead Speaker: John F. Dombrowski, M.D.

Speaker: Louis Lejarza

Panelists include representatives from the American Society of Addiction Medicine and the Drug Enforcement Administration. Panelists will review current literature on opioid addiction and explain when pain medicine physicians should refer to an addiction medicine specialist. Panelists will also summarize federal enforcement actions against physicians for improper opioid prescribing.

SPE21 Journal Symposium: How to Mechanically Ventilate Patients in the Operating Room in 2014

Tuesday, October 14 | 8-11 a.m. | Room 275-277

Moderator: Jeanine P. Wiener-Kronish, M.D.

Marcos Vidal-Melo, M.D, Ph.D., Mechanistic Basis for Protective Intraoperative Mechanical Ventilation

Ana Fernandez-Bustamante, M.D., Ph.D., Intraoperative Ventilation Practices and Quality Improvement

Paolo Pelosi, M.D.- Protective Ventilation during General Anesthesia: the PROVHILO Trial

Jean-Francois Pittet, M.D.

Please see the Scientific Abstract Guide for a listing of Journal Symposium abstracts.

SPE28 AQI Listening Session

Tuesday, October 14 | 10 a.m.-12 p.m. | Room 223



Lead Speaker: Richard P. Dutton, M.D., M.B.A..

We want to hear from you. AQI invites everyone to join us for a discussion on what you would like to see AQI work on next. This is your opportunity to provide input on how AQI can help the profession – whether it is regulatory reporting, reimbursement, or changing practice models. Dr. Richard Dutton will begin the discussion, then we ask the audience to drive the discussion.

SPE22 John W. Severinghaus Lecture on Translational Science: Basic Science to Clinical Practice: The Tale of Long-Acting Opioids

Tuesday, October 14 | 10:30-11:30 a.m. | Great Hall AD

Lead Speaker: Evan D. Kharasch, M.D., Ph.D.

Dr. Kharasch is Vice Chancellor for Research, Russell D. and Mary B. Sheldon Professor of Anesthesiology; Director, Division of Clinical and Translations Research, Professor of Biochemistry and Molecular Biophysics at Washington University, St. Louis. Opioids such as methadone provide long-lasting relief of acute, perioperative, chronic and cancer pain, and are pivotal to anesthesia practice. Yet with the increase in methadone use, there has been a terrifying increase in untoward events. Only recently has there been a better understanding of methadone pharmacology, including pharmacokinetics, pharmacodynamics and pharmacogenetics. This lecture tells the story of how these clinical problems were studied in the basic science laboratory, how the insights gained were then verified in clinical trials, and how this new knowledge can guide clinical practice and improve clinical outcome and guide practice.

SPE23 Lewis H. Wright Memorial Lecture

Tuesday, October 14 | 12:40-1:50 p.m. | 265-268



Lead Speaker: James P. Bagjan, M.D., PE

The Lewis H. Wright Memorial Lecture of the Wood Library-Museum of Anesthesiology (WLM) honors Dr. Lewis Wright, a distinguished pioneer in American anesthesiology, who gave of himself tirelessly to dignify and accredit the discipline of anesthesiology as a clinical science and medical specialty. In 1955, ASA recognized his contributions by according him its highest honor, the Distinguished Service Award. This lectureship will serve to remind us now, and in the years to come, of his honored place in the specialty of anesthesiology.

SPE24 Best of Abstracts: Clinical Science

Tuesday, October 14 | 1-3 p.m. | Room 275-277

Moderators: James Rathmell, M.D., Jerrold H. Levy, M.D., Michael J. Avram, Ph.D.

Anesthesiology editors review submitted abstracts and select those appropriate for the Best Abstracts in Clinical and Basic Sciences. Authors of the Best Abstracts are invited to submit their work to the journal for publication consideration.

Please see the Scientific Abstract Guide for a listing of the Best of Abstracts: Clinical Science.

SPE25 History Panel – Show Me the Money: A Brief History of Remuneration in Anesthesiology

Tuesday, October 14 | 2-4 p.m. | 265-268



**Lead Speaker: Douglas R. Bacon, M.D., M.A.,
An Economic History Lesson: The Creation of
the American Board of Anesthesiology**

**Speakers: William D. Hammonds, M.D.,
Crawford Long, M.D., The First Anesthetic Fee,
and an Ether Controversy**

**Christine Ball, M.B., B.S., FANZCA, Paying for
Anesthesia Down Under**

David J. Wilkinson, M.B., B.S., From Private

**Practice to the National Health Service: The United Kingdom's
Journey**

**Mark A. Warner, M.D., The American Dream: Private Practices
versus Employed Physician and an Ongoing Controversy**

This panel will trace the history of payment in anesthesiology from the first recorded anesthetic fee in 1842 to the current system in the U.S. Australia and the U.K. are included to contrast U.S. history and to look at the evolution of other payment systems.

Education Program Overview

The overall scientific program and learning tracks of the ANESTHESIOLOGY™ 2014 annual meeting address the specialty's practice gaps and underlying educational needs in multiple areas, including Ambulatory Anesthesia, Cardiac Anesthesia, Critical Care Medicine, Fundamentals of Anesthesiology, Neuroanesthesia, Obstetric Anesthesia, Pain Medicine, Pediatric Anesthesia, Professional Issues, and Regional Anesthesia and Acute Pain. The program reflects the diversity of subspecialties and the needs and interests of the general physician anesthesiologist's practice.

Target Audience

The ANESTHESIOLOGY™ 2014 annual meeting is intended for physician anesthesiologists, residents and other health care professionals interested in expanding their knowledge and enhancing their skills to improve competency and professional practice.

Overall Learning Objectives

At the conclusion of this activity, participants should be able to:

- Assess the potential applications of emerging issues and advances that affect the practice of anesthesia.
- Integrate technical knowledge about state-of-the-art procedures, advanced therapeutic agents and medical device uses into practice.
- Apply contemporary practice management skills and knowledge of regulatory issues to the efficient and safe delivery of patient care.
- Translate expanded knowledge into improvements in practice, patient outcomes and patient satisfaction.

Accreditation and Designation Statements

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of the American Society of Anesthesiologists (ASA). ASA is accredited by the ACCME to provide continuing medical education for physicians.

ASA designates this live activity for a maximum of 44 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

CME Certificates

ANESTHESIOLOGY™ 2014 annual meeting attendees can enter session attendance information and print their own certificates from any computer with an Internet connection at the end of each day of the meeting. Attendees can also print their CME certificates during the annual meeting at CME computer kiosks in designated areas. CME credits can be claimed in .25 hour increments. The deadline for participants to obtain certificates for the ANESTHESIOLOGY™ 2014 annual meeting is December 31, 2014. Entry and printing of CME information will be available online at goanesthesiology.org through December 31, 2014.

Disclosure

ASA adheres to ACCME Essential Areas, Standards and Policies regarding industry support of CME. Disclosure of the planning committee and faculty's commercial relationships will be made known at the activity. Speakers are required to openly disclose any limitations of data and/or any discussion of any off-label, experimental, or investigational uses of drugs or devices in their presentations.

Resolutions of Conflicts of Interest

In accordance with the ACCME Standards for Commercial Support of CME, ASA has implemented mechanisms, prior to the planning and implementation of this CME activity, to identify and resolve conflicts of interest for all individuals in a position to control content of this CME activity.

All faculty and planning committee members are required to disclose any financial relationships and will be listed accordingly at goanesthesiology.org.

For a full listing of all presenters and their sessions, please go to goanesthesiology.org.

Disclaimer

The information provided at this CME activity is for continuing education purposes only and is not meant to substitute for the independent medical judgment of a health care provider relative to diagnostic and treatment options of a specific patient's medical condition.

Special Needs Statement

ASA is committed to making its activities accessible to all individuals. If you are in need of an accommodation, please do not hesitate to call and/or submit a description of your needs in writing in order to receive service.

Commercial Support Acknowledgement

ASA gratefully acknowledges commercial support for the ANESTHESIOLOGY™ 2014 annual meeting. A list of commercial supporters will be published in the Meeting Guide and Exhibit Guide and at goanesthesiology.org.



Attend Select Educational Sessions to Earn Credit Toward MOCA®

The ANESTHESIOLOGY™ 2014 annual meeting offers several opportunities to help fulfill your Maintenance of Certification in Anesthesiology (MOCA®) requirements. Sessions marked with the MOC-PS icon will count toward Part 2 Patient Safety requirements. Look for the MOC-PS icon to identify designated sessions. Please note: Name badges must be scanned after the session in order to claim CME credit for MOCA®.

E Ethics Education

Selected sessions have been identified to help meet individual state and institutional ethics education requirements. Please check with your regulatory body for qualifying criteria.

UGRA Ultrasound-Guided Regional Anesthesia

Ultrasound-guided Regional Anesthesia (UGRA) Education and Clinical Training Portfolio is a joint ASRA-ASA initiative to provide applicants with a comprehensive educational and training experience that fulfills current training recommendations for UGRA.

PSH Perioperative Surgical Home

Look for the PSH icon that identifies sessions which will address the Perioperative Surgical Home (PSH) model.

Many More Opportunities Available at Education Booth

Learn about ASA's MOCA® offerings, including the Practice Performance Assessment and Improvement (PPAI) modules, self-assessment module-pain medicine (SAM-PM), online patient safety courses, Anesthesiology Continuing Education (ACE), the Self-Education and Evaluation (SEE) program, and the Simulation Education Network. Other CME opportunities include practice management online modules, ethics modules, journal CME and more. Stop by the Education Booth and visit the ASA Education Center to discover how to fulfill your MOCA® needs.

Learning Track Codes

AM	Ambulatory Anesthesia
CA	Cardiac Anesthesia
CC	Critical Care Medicine
FA	Fundamentals of Anesthesiology
NA	Neuroanesthesia
OB	Obstetric Anesthesia
PN	Pain Medicine
PD	Pediatric Anesthesia
PI	Professional Issues
RA	Regional Anesthesia and Acute Pain

Special Designations

E	Ethics Session
MOC-PS	Maintenance of Certification
UGRA	Ultrasound-Guided Regional Anesthesia Portfolio
PSH	Perioperative Surgical Home

Session Codes

CF	Clinical Forum
OR	Oral Presentations
PN	Panels (90-Minute and 120-Minute)
PC	Point-Counterpoint Sessions
PD	Poster Discussions
PO	Poster Presentations
L-	Problem-Based Learning Discussions
100, 200, 300, 400, 500 series	Refresher Course Lectures
RM	Resident and Medical Student Activities
SPE	Special Events
600 Series	Subspecialty Panels
800 Series, AW, DW, CA	Workshops
	AW: Workshop on Flexible Endoscopy for Lung Isolation
	DW: Basic Adult Flexible Fiberoptic Intubation Workshop
	CA: Cadaver Workshop

Maintenance of Certification in Anesthesiology Program® and MOCA® are registered certification marks of the American Board of Anesthesiology®.

This patient safety activity helps fulfill the patient safety CME requirement for Part II of the Maintenance of Certification in Anesthesiology Program (MOCA®) of the American Board of Anesthesiology (ABA). Please consult the ABA website, www.theABA.org, for a list of all MOCA® requirements.

Scientific Abstracts, e-posters and Medically Challenging Cases

Enrich your education experience at the ANESTHESIOLOGY™ 2014 annual meeting by attending these offerings:

Electronic Posters (e-posters)

All Poster Discussions and Poster Sessions will be presented in an electronic format (e-posters) on large, high-definition monitors. Abstracts will also be available for viewing at your leisure on high-definition monitors located throughout the convention center. All Poster Sessions will be available in Hall B1 of the Ernest N. Morial Convention Center and they will rotate on the large monitors every 30 minutes. Poster Discussions will be held in Rooms 243-245 on the second level of the convention center. Please note: CME credit is not provided.

Scientific Abstract Sessions

Scientific abstract sessions consist of Oral Presentations, Poster Discussions and Poster Sessions. During Oral Presentations and Poster Discussions, authors present a summary of their studies, including their hypothesis, methods, data and conclusions. Questions and comments from the audience are welcome and encouraged at the conclusion of the presentation. Poster Sessions are in-depth and informative discussions among authors and attendees. Poster authors will be available for discussion during designated times during the meeting. Full text for all scientific abstracts will be available to view online in August at goanesthesiology.org.

Late-Breaking Abstracts

Late-Breaking Abstracts focus on significant and timely findings while showcasing late-breaking data and results that affect the field of anesthesiology. These abstracts will be presented during designated periods during the ANESTHESIOLOGY™ 2014 annual meeting.

Medically Challenging Cases

All Medically Challenging Cases will be presented in electronic format (e-posters) on high-definition monitors. Interact with colleagues and hear about the medically challenging cases they have encountered in their hospital or practice. This area provides attendees with a forum to share experiences, relate how they handled a difficult situation and obtain feedback regarding how other physicians may have proceeded under similar circumstances. All learning tracks are represented and there is a case for every medical specialty. Medically Challenging Cases will be located in Hall B1 of the convention center and will rotate through the presentations every 10 minutes. CME credit is not provided.

In-Kind Commercial Support Acknowledgement

ASA gratefully acknowledges in-kind commercial support for the ANESTHESIOLOGY™ 2014 annual meeting. This list is current as of 9/17/14. For an updated listing, see goanesthesiology.org.

Advanced Ultrasound Guided Pediatric Regional Anesthesia Workshop

FUJIFILM SonoSite, Inc. – ultrasound systems

Awake Fiberoptic Intubation: A Streamlined Approach with Nerve Blocks

KARL STORZ Endoscopy-America, Inc. – fiberoptic bronchoscopes

Basic TEE Workshop

HeartWorks by Inventive Medical Ltd. – TEE simulators

FUJIFILM SonoSite, Inc. – ultrasound systems

Basic/Advanced Flexible Fiberoptic Intubation Workshop

Airtraq, LLC - manikins

Ambu, Inc. – fiberscopes

KARL STORZ Endoscopy-America, Inc. – flexible scopes

Laerdal – manikins

Olympus America Inc. – fiberoptic bronchoscopes, intubation manikin, video processors, monitors

Teleflex – airway management products

Verathon Medical – videolaryngoscopes

Comprehensive Anatomy-Live Model Ultrasound for Regional Anesthesia

FUJIFILM SonoSite, Inc. – ultrasound systems

Critical Care Ultrasonography for the Perioperative Physician HeartWorks by Inventive Medical Ltd. - TEE simulators

FUJIFILM SonoSite, Inc. – ultrasound systems

Philips Healthcare – ultrasound systems

SonoSim, Inc. – two live scan simulators

Difficult Airway Workshop with Simulation

Airtraq, LLC – manikins

Ambu, Inc. – manikins, fiberoptic laryngoscopes

Intersurgical, Inc. – adult and pediatric mannequins, i-gel airways

KARL STORZ Endoscopy-America, Inc. – flexible scopes

Olympus America Inc. – flexible fiberoptic laryngoscopes, intubation manikin, video processors, monitors

Siemens Healthcare – ultrasound system

Verathon Medical – glidescopes

Head and Neck Blocks (Ultrasound and Fluoroscopy) - Cadaver and Live Models

FUJIFILM SonoSite, Inc. – ultrasound systems

Introduction to Ultrasound and Fluoroscopic-Guided Techniques for Chronic Pain Management: Live Models and Cadavers

FUJIFILM SonoSite, Inc. – ultrasound systems

GE Healthcare – ultrasound machine

Must Know Blocks for Ambulatory Anesthesia

eZono AG – ultrasound systems

FUJIFILM SonoSite, Inc. – ultrasound systems

Pacemakers and ICDs

Medtronic – programmers

St. Jude Medical – pacemaker programmers

Pediatric Airway Workshop

Airtraq, LLC – manikins

Clarus Medical, LLC – scopes and mannequins

KARL STORZ Endoscopy-America, Inc. – laryngoscopes and flexible scopes

Mercury Medical – laryngeal airway masks and endotracheal tubes

MPI, Inc. – flexible scopes

FUJIFILM SonoSite, Inc. – ultrasound system

Olympus America Inc. – intubation fiberscopes, intubation manikin, video processors, monitors

Truphatek Inc. – video laryngoscope, manikins

Verathon Medical – glidescope, manikins

Perioperative ACLS Simulation Workshop

Philips Healthcare – defibrillators

Perioperative Pediatric Advanced Life Support Simulation

Draeger Medical Inc. – anesthesia machines

Philips Healthcare – defibrillators

Perioperative Resuscitation - What's New?

Laerdal – manikins

SonoSim, Inc. - live scan simulator

ZOLL Medical Corporation – defibrillators

Peripheral Nerve Blocks: Ultrasound, Simulation and Stimulation

Ambu, Inc. – ultrasound machine

Analogic Ultrasound – ultrasound machines

CAE Healthcare – ultrasound training models

eZono AG – ultrasound systems

Pajunk Medical Systems – needles

FUJIFILM SonoSite, Inc. – ultrasound systems

Terason – ultrasound systems

Point of Care: Novel Use of Ultrasonography in Everyday Pediatric Anesthesia Practice

FUJIFILM SonoSite, Inc. – ultrasound systems

Radiofrequency Ablation of the Spine, Sacrum, and Lumbar Disc

Epimed International, Inc. – variety of needles

Kimberly-Clark Health Care – variety of needles

Resident Regional Anesthesia Workshop

FUJIFILM SonoSite, Inc. – ultrasound systems

Spinal Injections with Fluoroscopy - Cadaver: Basic Techniques

Epimed International, Inc. – variety of needles

Kimberly-Clark Health Care – variety of needles

Spinal Injections with Fluoroscopy-Cadaver: Advanced Techniques (Cervical/Thoracic)

Epimed International, Inc. – variety of needles

Kimberly-Clark Health Care – variety of needles

The Use of Ultrasound for Vascular Access in Adults and Pediatrics

Ambu, Inc. – ultrasound machine, needles

Analogic Ultrasound – ultrasound machines

FUJIFILM SonoSite, Inc. – ultrasound systems

Mindray North America – ultrasound systems

Simulab Corporation - medical simulation training models

Terason – ultrasound systems

Thoracic Anesthesia Workshop

Laerdal – pediatric intubation trainer

Olympus America Inc. – broncho-videoscopes and fiberscopes, intubation manikin, video processors, monitors

Verathon Medical – manikins

Ultrasound Guided Injections- Live Models: Advanced Techniques

FUJIFILM SonoSite, Inc. – ultrasound systems
Philips Healthcare – ultrasound systems

Ultrasound Guided Injections- Live Models: Basic Techniques

FUJIFILM SonoSite, Inc. – ultrasound systems
Philips Healthcare – ultrasound systems

Ultrasound Guided Musculoskeletal Injections- Live Models: Beyond Corticosteroids

FUJIFILM SonoSite, Inc. – ultrasound systems
Preferred Medical Systems/Samsung – ultrasound system
Terason – ultrasound machine

Ultrasound-Guided Regional Anesthesia and Clinical Skills**Workshop: Introduction to UGRA for Beginners**

FUJIFILM SonoSite, Inc. – ultrasound systems
I-Flow, LLC, a Kimberly-Clark Health Care Company - simulators
Mindray North America – ultrasound systems
Terason – ultrasound machines

Wire-Guided Airway Management

Ambu, Inc. – airway management tools
KARL STORZ Endoscopy - America, Inc. - bronoscopes
Olympus America Inc. - Airway Mobilescopes

Workshop on Emergency Surgical Airway Management Using a Pig Trachea Model

Pulmodyne – Cric-Key™, Cric-Knives™
VBM Medical Inc. – Quicktrach devices

Workshop on Flexible Endoscopy for Lung Isolation

Olympus America Inc. – broncho-videoscopes and fiberscopes, intubation manikin, video processors, monitors
Teleflex – airway management products

CME CREDIT GUIDE

ANESTHESIOLOGY™ 2014 attendees can enter session attendance information and print their own certificates from any computer with an Internet connection at the end of each day of the meeting. Attendees can also print their CME certificates during the annual meeting at CME computer kiosks in designated areas. CME credits can be claimed in .25 hour increments. The deadline for participants to obtain certificates for the ANESTHESIOLOGY™ 2014 annual meeting is December 31, 2014.

Entry and printing of CME information will be available online at goanesthesiology.org through December 31, 2014.

FEE CODE	TYPE/NAME OF SESSION	CME CREDIT HRS
PN	90-Minute Panels	1.5
PN	120-Minute Panels	2
SPE05	Anesthesia Patient Safety Foundation Workshop: Competence and Teamwork Are Not Enough: Implementing Emergency Manuals and Checklists	2
SPE02	ANESTHESIOLOGY™ 2014 Opening Session: Are You the Anesthesiologist of the Future	1.25
SPE11	Best of Abstracts: Basic Science	2
SPE24	Best of Abstracts: Clinical	2
SPE15	Celebration of Research	1.5
SPE01	Challenges in Anesthesiology: A European Perspective	2
CF	Clinical Forum	1.5
SPE03	Ellison C. Pierce Jr., M.D. Patient Safety Memorial Lecture: Competence and Teamwork Are Not Enough: The Value of Cognitive Aids	1
SPE14	Emery A. Rovenstine Lecture: Health Care at the Crossroads: The Imperative for Change	1.25
SPE12	FAER Academy of Research Mentors: Mentored Research Training Grants (MRTG): Success Elements for Trainees and Mentors	2
SPE16	FAER-Helrich Research Lecture: The Clinical Neuroscience of Anesthesia: Research, Education and Patient Care	1
SPE18	FAER Panel: Future of Anesthesiology Research	2
SPE25	History Panel - Show Me the Money: A Brief History of Remuneration in Anesthesiology	2
SPE19	How Can FAER's New Education Mentorship Academy Help Anesthesiology Educators	1
SPE13	International Forum on Patient Safety and Quality Outcomes	2
SPE22	John W. Severinghaus Lecture on Translational Science: Basic Science to Clinical Practice: The Tale of Long-Acting Opioids	1
SPE21	Journal Symposium: How to Mechanically Ventilate Patients in the Operating Room in 2014	3
SPE23	Lewis H. Wright Memorial Lecture	1
SPE17	Patrick Sim Forum: An Afternoon With the WLM Laureates of the History of Anesthesia	2
SPE04	Perioperative Cardiology: Results from VISION (n=40,000), POISE-2 (n=10,000), SIRS (n=7,500), and ENIGMA-2 (n=7,000)	2
PC	Point-Counterpoint Sessions	1.5
L	Problem-Based Learning Discussions (PBLDs)	1.25
SPE20	Reduce Compliance Risks With Opioid Prescribing	2
100s-500s	Refresher Course Lectures (See exceptions below)	1
	Refresher Course Lectures (exceptions)	
	121 - Smart Seniors: Avoiding Perioperative Brain Failure	2
	306 - Perioperative Management of Patients Undergoing Spine Surgery	2
	425 - Improving Patient Safety and Communication During Anesthesia and Surgery	2
RM13	Resident Regional Anesthesia Workshop	2.5
OR	Scientific Abstract Oral Presentations	1.5
PD	Scientific Abstract Poster Discussions	1.5
SPE08	Society for Airway Management Ovassapian Lecture: The Airway Approach Algorithm: What Would Andy Say?	1
600s	Subspecialty Panels	1.25
SPE06	WFSA Panel: Government Funded Healthcare and Anesthesia – An International Perspective on Successes and Failures	2
CADAVER WORKSHOPS		
CA06	Comprehensive Anatomy-Live Model Ultrasound for Regional Anesthesia	4
CA04	Head and Neck Blocks (Ultrasound and Fluoroscopy)-Cadaver and Live Models	4
CA03	Introduction to Ultrasound and Fluoroscopic-Guided Techniques for Chronic Pain Management: Live Models and Cadavers	4
CA05	Radiofrequency Ablation of the Spine, Sacrum, and Lumbar Disc	4
CA01	Spinal Injections With Fluoroscopy-Cadaver: Basic Techniques	4

CA02	Spinal Injections With Fluoroscopy-Cadaver: Advanced Techniques (Cervical/Thoracic)	4
HANDS-ON-WORKSHOPS		
804	Acupuncture Workshop	3
827	Advanced TEE Workshop	3
806	Advanced Ultrasound Guided Pediatric Regional Anesthesia Workshop	3
817	Awake Fiberoptic Intubation: A Streamlined Approach With Nerve Blocks	3
815	Basic TEE Workshop	6
DW	Basic/Advanced Flexible Fiberoptic Intubation Workshop	2.5
825	Critical Care Ultrasonography for the Perioperative Physician	3
824	Difficult Airway Workshop With Simulation	3
822	Intermediate Transesophageal Echocardiography (TEE)	3
810	Must Know Blocks for Ambulatory Anesthesia	3
820	Ophthalmic Regional Anesthesia	3
809	Pacemakers and ICDs	3
812	Pediatric Airway Workshop	3
819, 830	Perioperative ACLS Simulation Workshop	3.5
823	Perioperative Pediatric Advanced Life Support Simulation	3
828	Peripheral Nerve Blocks: Ultrasound, Simulation and Stimulation	3
832	Point of Care: Novel Use of Ultrasonography in Everyday Pediatric Anesthesia Practice	3
831	The Use of Ultrasound for Vascular Access in Adults and Pediatrics	3
833	Thoracic Anesthesia Workshop	3
808	Ultrasound Guided Injections-Live Models: Advanced Techniques	4
801	Ultrasound Guided Injections-Live Models: Basic Techniques	4
814	Ultrasound Guided Musculoskeletal Injections-Live Models: Beyond Corticosteroids	4
807	Ultrasound-Guided Regional Anesthesia and Clinical Skills Workshop: Introduction to UGRA for Beginners	3
826	Wire-Guided Airway Management	3
802	Workshop on Emergency Surgical Airway Management Using a Pig Trachea Model	3
AW	Workshop on Flexible Endoscopy for Lung Isolation	1.25
807	Practical Stress Management Techniques: A Quest for Physicians' Well-being	3
813	Providing Effective Feedback to Trainees	3
CA12	Regional Anesthesia: Cadaver and Live Model Ultrasound Workshop	4
RM12	Resident Regional Anesthesia Workshop	4
814	So, You Want to Install an AIMS System?	3
841	Spinal Imaging for the Pain Medicine Physician	2
801	Statistics for Anesthesiologists	3
808	The Art and Science of Interviewing: Finding the Best Candidate for the Position	3
832	The Use of Ultrasound for Vascular Access in Adults and Pediatrics	3
833	Thoracic Anesthesia	3
807	Ultrasound-Guided Regional Anesthesia and Clinical Skills: Introduction to UGRA for Beginners	2
802	Workshop on Emergency Surgical Airway Management Using a Pig Trachea Model	3
AW	Workshop on Flexible Endoscopy for Lung Isolation	1.25
SEMINARS		
821	Grant Writing and the NIH Study Section for the Uninitiated	3
803	Mastering Perioperative Stress and Burnout: Exploring Methods of Essential Mind-Fitness, Developing Resilience at Work	3
813	Perioperative Resuscitation - What's New?	3
816	Physical Exam Workshop for Pain Physicians	3
829	Physician Performance Assessment and Improvement: Practice Its Power for Your Own Practice	3
818	Practical Pain Medicine Coding, Compliance and Workflow Strategies for 2014	2
811	Spinal Imaging for the Pain Medicine Physician	2
805	Statistics for Anesthesiologists	3

FRIDAY, OCT. 10						
Time	Session Type	Fee Code	Title	Speaker	Room	
3-7 p.m.	Registration			Lobby A & D		
3-7 p.m.	ASA Resource Center			Convention Center, Hall B-1		
3-7 p.m.	International Connection Lounge			Lobby A		
7:30-9 p.m.	Residents and Medical Students	RM01	Residents and Medical Students Grassroots Seminar	Jeffrey Plagenhoef, M.D.	Hilton Riverside	
9-11 p.m.	Residents and Medical Students	RM02	Resident and Medical Student Welcome Reception	Mark Bicket, M.D.	Hilton Riverside	
SATURDAY, OCT. 11						
Time	Session Type	Track	Fee Code	Title	Speaker	Location/Room
7 a.m.-5 p.m.	Registration			Lobby A & D		
7 a.m.-6:30 p.m.	ASA Resource Center			Convention Center, Hall B-1		
7-8:15 a.m.	Subspecialty Panels	OB	601	(SOAP) Caring for Our Own: Focusing on the Care Provider to Optimize Safety for Our Patients	Robert Gaiser, M.D.	231-232
	Subspecialty Panels	PN	602	(ASRA) Advancing Safety and Risk Management Strategies in Pain Medicine	David Provenzano, M.D.	238-239
7:15-8:30 a.m.	PBLD	PI	L001	A High Risk Patient for Low Risk Outpatient Surgery: Is There Value in a Surgical Home for a Patient Going Home?	Jeanna Blitz, M.D.	343-345
	PBLD	NA	L002	Only a Little Sniff of Cocaine; Now an Aneurysm Coiling Headache!	Jess Brallier, M.D.	343-345
	PBLD	PI	L003	Creating a Culture of Professionalism in Your Department	Sandra Curry, M.D.	343-345
	PBLD	CC	L005	Surviving Septic Shock in the Operating Room and Beyond: What Do the Guidelines Say?	Roman Dudaryk, M.D.	343-345
	PBLD	RA	L006	Numb and Number: Should We Use Regional Anesthesia in Orthopedic Trauma?	Nabil Elkassabany, M.D.	343-345
	PBLD	OB	L007	Just Another Day on Labor and Delivery: Morbid Obesity and Preeclampsia	Regina Fragneto, M.D.	343-345
	PBLD	RA	L008	Nerve Injury/Dysfunction and Peripheral Nerve Blockade: Fact or Fiction	Thomas Halaszynski, M.D., M.B.A.	343-345
	PBLD	AM	L009	Perioperative Anesthetic Issues for Ambulatory Surgery	Dean Jones, M.D.	343-345
	PBLD	PN	L010	Worsening Back Pain: To Inject or Not to Inject That Is the Question	Tariq Malik, M.D.	343-345
	PBLD	FA	L011	It's Only a MAC Case and Now My Patient is on FIRE!	Mark Phillips, M.D.	343-345
	PBLD	PD	L012	Application of Pediatric Advanced Life Support for Managing a Patient With a Defibrillator Who Develops an Intraoperative Cardiac Arrest	David Young, M.D., M.B.A.	343-345
	PBLD	OB	L116	Neurologic Complications Following Epidural Placement - How to Differentiate and Manage?	Kelly Elterman, M.D. David Hepner, M.D.	343-345
	PBLD	FA	L157	The Unanticipated Difficult Airway: A Dynamic and Dangerous Scenario	Lavinia Kolarczyk, M.D.	343-345
8-9 a.m.	RCL	CC	101	Sepsis Current Concepts Guidelines and Perioperative Management	Mark Nunnally, M.D., F.C.C.M.	RiverGate
	RCL	AM	102	Current Controversies in Adult Outpatient Anesthesia	Jeffrey Apfelbaum, M.D.	E-1
	RCL	FA	103	Arterial Blood-Gas Analysis: Interpretation and Application	Steven Barker, Ph.D., M.D.	E-2
	RCL	OB	104	Anesthesia for the Morbidly Obese Parturient	Brenda Bucklin, M.D.	E-3
	RCL	PN	105	Clinical Evaluation and Treatment of Neuropathic Pain	Timothy Lubenow, M.D.	260-262

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	RCL	CA	106	New Developments in Cardiopulmonary Resuscitation	Matthias Riess, M.D., Ph.D.	La Nouvelle Ballroom AB
8-9:30 a.m.	90-Minute Panel	CA	PN37	Modern Day Concepts in Thoracic Endovascular Repair (TEVAR) for Aortic Aneurysms	David Broussard, M.D.	208-210
	90-Minute Panel	PI	PN38	Change Management in Collaborative Quality Improvement Projects (CQIP)	Mike Schweitzer, M.D., M.B.A.	220-222
	90-Minute Panel	PI	PN39	Leaning In: Women in Leadership Roles	Rekha Chandrabose, M.D.	225-227
	90-Minute Panel	PN	PN40	Back Pain and Health Care Redesign: Preparing for Accountable Care	James Rathmell, M.D.	228-230
	90-Minute Panel	PI	PN103	Quality and Safety Challenges: Raising the Bar on Overseas Surgical Care Trips	Richard Gillerman, M.D., Ph.D.	206-207
	90-Minute Panel	PD	PN41	What Anesthesiologists Need to Know About Resuscitating Kids in the OR	Jayant Deshpande, M.D., M.PH.	255-257
	Point-Counterpoint	PI	PC01	Life in the Time of Consolidation: Is Bigger the New Better?	James Grant, M.D.	203-205
	Point-Counterpoint	CC	PC02	We Give Too Much Fluid in the OR	Ozan Akca, M.D. Brian Kavanagh, M.B.	211-213
	Residents and Medical Students		RM03	Models of Practice Panel	Roy Soto, M.D.	R02-03
	MCCS		MCC01	Medically Challenging Case Presentations		Hall B1
	Oral Presentations	CA	OR09-1	Experimental Circulation		244
	Oral Presentations	FA	OR13-1	Outcomes and Database Research - Cardiac Outcomes & Risk		243
	Oral Presentations	FA	OR17-1	Respiration-Ventilation		245
8-10 a.m. 	Featured Lecture	FA	SPE01	Challenges in Anesthesiology: A European Perspective	Daniela Filipescu, M.D.	265-268
	120-Minute Panel	RA	PN01	Integrating Regional Anesthesia Into the Perioperative Surgical Home	James Hebl, M.D.	217-219
	120-Minute Panel	CA	PN02	Practice Guidelines in CV Anesthesia: How Are We Doing as a Specialty?	Martin London, M.D.	252-254
	Poster Presentations	PN	P003-2	Chronic and Cancer Pain		Hall B1-Area A
	Poster Presentations	CC	P006-4	Critical Care		Hall B1-Area B
	Poster Presentations	FA	P008-3	Equipment, Monitoring and Engineering Technology: Circulation		Hall B1-Area C
	Poster Presentations	PI	P014-2	Patient Safety and Practice Management		Hall B1-Area D
	Poster Presentations	PD	P015-1	Pediatric Anesthesia		Hall B1-Area E
8-10:30 a.m.	Hands-on Workshop	FA	DW01	Basic/Advanced Flexible Fiberoptic Intubation Workshop	Katherine Gil, M.D., Gail Randel, M.D., David Wong, M.D.	353-355
8-11 a.m.	Residents and Medical Students		RM04a	Medical Student Workshop - Ochsner Health System	Mack Thomas, M.D.	OFF SITE
	Residents and Medical Students		RM04b	Medical Student Workshop - Louisiana State University	Judy Johnson, M.D.	OFF SITE
	Residents and Medical Students		RM04c	Medical Student Workshop - Tulane University	Lihua Zhang, M.D.	OFF SITE
	Hands-on Workshop	FA	802	Workshop on Emergency Surgical Airway Management Using a Pig Trachea Model	William Rosenblatt, M.D.	278-279
	Seminar	PI	803	Mastering Perioperative Stress and Burnout: Exploring Methods of Essential Mind-Fitness Developing Resilience at Work	Kenneth Sapire, M.D.	281-282
	Hands-on Workshop	PN	804	Acupuncture Workshop	Yuan-Chi Lin, M.D.	333-334
	Seminar	FA	805	Statistics for Anesthesiologists	Jeffrey Gross, M.D.	335-336


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	Hands-on Workshop	PD	806	Advanced Ultrasound Guided Pediatric Regional Anesthesia Workshop	Amod Sawardekar, M.D.	338-339
UGRA	Hands-on Workshop	RA	807A	Ultrasound-Guided Regional Anesthesia and Clinical Skills Workshop: Introduction to UGRA for Beginners	Adam Jacob, M.D.	346-347
8 a.m.-12 p.m.	Cadaver Workshops	PN	CA01	Spinal Injections With Fluoroscopy-Cadaver: Basic Techniques	Maunak Rana, M.D.	271-273
	Hands-on Workshop	PN	801	Ultrasound Guided Injections-Live Models: Basic Techniques	Hariharan Shankar, M.B., B.S.	275-277
9-10:15 a.m.	PBLD	PI	L013	Infection Prevention for the Anesthesia Professional: What is the Least I Should Know and How Do I Apply It to My Practice?	Richard Beers, M.D.	343-345
	PBLD	FA	L014	Management of Antiplatelet Therapy in Patients With Coronary Stents for Noncardiac Surgery	Davide Cattano, M.D., Ph.D.	343-345
	PBLD	RA	L015	Nerve Injury After Peripheral Nerve Blockade: Best Practices and Medical-Legal Protection Strategies	H. David Hardman, M.D., M.B.A.	343-345
	PBLD	PD	L016	Trials and Tribulations: Interventional Management for Recurrent Complex Regional Pain Syndrome in Children	Stephen Hays, M.D.	343-345
	PBLD	FA	L017	Perioperative Laboratory and Cardiac Testing: What Is Necessary?	David Hepner, M.D.	343-345
	PBLD	PI	L018	To Coerce or Not to Coerce: What Are the Questions?	Norma Klein, M.D.	343-345
	PBLD	FA	L019	I Swear It Will Only Take 15 Minutes: Anesthesia/Sedation for TEE/ Cardioversion	Julia Metzner, M.D.	343-345
	PBLD	OB	L020	Placenta Percreta: Preparation and Management	Cathleen Peterson-Layne, Ph.D., M.D.	343-345
	PBLD	AM	L021	It's Just a Cataract: How a Simple Thing Can Go Bad	Michael Pilla, M.D.	343-345
	PBLD	FA	L022	Perioperative Management of the Anemic Patient	Russell Roberson, M.D.	343-346
	PBLD	RA	L023	Analgesic Options for a 68-Year-Old Man with Multiple Rib Fractures	Mark Leibel, M.D. Kristopher Schroeder, M.D.	343-345
	PBLD	PD	L024	Tonsillectomy and Adenoidectomy in a Child With Down Syndrome More to It Than You Think!	Catherine Seipel, M.D.	343-345
	Hands-on Workshop	FA	AW01	Workshop on Flexible Endoscopy for Lung Isolation	Scott Schartel, D.O., William Simmons, M.D.	356-357
9:15-10:15 a.m.	RCL	OB	107	Postpartum Hemorrhage	Jill Mhyre, M.D.	RiverGate
	RCL	CC	108	Pulmonary Hypertension and Right Ventricular Failure	Eric Jacobsohn, M.B.Ch.B.	E-1
	RCL	NA	109	Adult Head Injury: Management Update and Controversies	Audree Bendo, M.D., Martin Smith, M.B., B.S.	E-2
	RCL	RA	110	Upper Extremity Regional Anesthesia: Essentials for Your Practice	Joseph Neal, M.D.	E-3
PSH	RCL	PN	111	The Role of Perioperative Physicians in Prevention of Chronic Pain After Surgery	Asokumar Buvanendran, M.D.	260-262
PSH	RCL	CA	112	Perioperative Management of Cardiovascular Implantable Electronic Devices	Annemarie Thompson, M.D.	La Nouvelle Ballroom AB
9:30-11 a.m.	Residents and Medical Students		RM05	Resident Written Board Prep	Sajid Shahul, M.D. Cindy Ku, M.D.	R02-03
	Residents and Medical Students		RM06	Subspecialty Panel	Walter Maurer, M.D. Arthur Calimaran, M.D.	R04-05
10-11:30 a.m.	Poster Discussions	PN	PD03-1	Chronic and Cancer Pain		245
	Poster Discussions	FA	PD08-1	Equipment, Monitoring and Engineering Technology: Utilizing Technology - Imaging and Closed Loop Systems		244

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	Poster Discussions	OB	PD12-1	Obstetric Anesthesia: Cesarean Delivery		243
10 a.m.-12 p.m.	Poster Presentations	CA	P004-2	Clinical Circulation: Outcomes		Hall B1-Area A
	Poster Presentations	CA	P009-3	Experimental Circulation		Hall B1-Area B
	Poster Presentations	NA	P010-2	Experimental Neurosciences: Mechanisms		Hall B1-Area C
	Poster Presentations	FA	P013-3	Outcomes and Database Research		Hall B1-Area D
	Poster Presentations	RA	P016-1	Regional Anesthesia and Acute Pain		Hall B1-Area E
10:30-11:45 a.m.	Featured Lecture		SPE02	ANESTHESIOLOGY™ 2014 Opening Session	Jason Hwang, M.D., M.B.A.	Great Hall
	Hands-on Workshop	FA	AW02	Workshop on Flexible Endoscopy for Lung Isolation	Scott Schartel, D.O. William Simmons, M.D.	356-357
10:30-12 p.m.	MCCS		MCC02	Medically Challenging Case Presentations		Hall B1
10:30 a.m.-1 p.m.	Hands-on Workshop	FA	DW02	Basic/Advanced Flexible Fiberoptic Intubation Workshop	Katherine Gil, M.D.	353-355
11 a.m.-4:30 p.m.	Scientific & Educational Exhibits					Hall C
11 a.m.-6:30 p.m.	Affiliated Subspecialty Society Pavillion (Connection Center)					Booth #111
	Exhibits (Connection Center)					Hall B2-D
12-1:15 p.m.	Hands-on Workshop	FA	AW03	Workshop on Flexible Endoscopy for Lung Isolation	Scott Schartel, D.O., William Simmons, M.D.	356-357
12:30-1:45 p.m.	PBLD	NA	L025	Delayed Emergence After Craniotomy-No Delays Accepted	Rafi Avitsian, M.D.	343-345
	PBLD	PD	L004	When It Rains, It Pours; Large AVM Heart Failure Pulmonary HTN and Now There Is V-tach!	Christina Diaz, M.D.	343-345
	PBLD	CA	L026	Carotid Endarterectomy: Asleep Versus Awake	Jeffrey Dobyns, D.O.	343-345
12:30-1:45 p.m.	PBLD	NA	L025	Delayed Emergence After Craniotomy-No Delays Accepted	Rafi Avitsian, M.D.	343-345
	PBLD	PD	L004	When It Rains, It Pours; Large AVM Heart Failure Pulmonary HTN and Now There Is V-tach!	Christina Diaz, M.D.	343-345
	PBLD	CA	L026	Carotid Endarterectomy: Asleep Versus Awake	Jeffrey Dobyns, D.O.	343-345
	PBLD	CC	L027	Elderly Man; Going into Shock; Needs Fluids Now!	Elizabeth Frost, M.B., Ch.B.	343-345
	PBLD	OB	L029	Labor Analgesia and Postpartum Tubal Ligation in a Patient with a History of Spinal Instrumentation	Michael Hofkamp, M.D.	343-345
	PBLD	NA	L030	My Ulnar Neuropathy Has Resolved. Now I Have to Go for Spine Surgery in the Prone Surrender Position	Ihab Kamel, M.D.	343-345
	PBLD	NA	L031	Why Does My Patient Scheduled for Endoscopy Sinus Surgery Have Severe Groin Pain?	Kirk Lalwani, M.D. Christine Martin, M.D.	343-345
	PBLD	AM	L032	PONV, PDNV and Long QT Syndrome: Balancing Risk and Benefit	Anuj Malhotra, M.D.	343-345
	PBLD	PI	L033	Burned Out Anesthesiologist: Practice Competence and Colleagues	Sergey Pisklakov, M.D.	343-345
	PBLD	FA	L034	My Patients Never Have Residual Paralysis in the PACU, or Do They?	Stephan Thilen, M.D., M.S.	343-345
	PBLD	PI	L035	Anesthetic Options for Patients Undergoing Dialysis Access Procedures	Derek Woodrum, M.D.	343-345
1-2 p.m.	Residents and Medical Students		RM07	Practice Management I	Erica Stein, M.D.	R02-03



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	Featured Lecture	FA	SPE03	ASA/APSF Ellison C. Pierce Jr., M.D. Patient Safety Memorial Lecture: Competence and Teamwork Are Not Enough: The Value of Cognitive Aids	David Gaba, M.D.	Great Hall B
						
1-2:30 p.m.	90-Minute Panel	CC	PN42	Red Blood Cells: Good, Bad, and Ugly and Some Solutions	Jonathan Jahr, M.D.	217-219
	Clinical Forum	AM	CF01	Pediatric Ambulatory Anesthesia: Clinical Forum	Lucinda Everett, M.D.	206-207
	Clinical Forum	PN	CF02	Complications in Pain Medicine and Preventive Strategies	Hariharan Shankar, M.B., B.S., B.S.	211-213
	Point-Counterpoint	CC	PC03	Tidal Volumes Don't Really Matter to the Anesthesiologist	James Blum, M.D., Daniel Talmor, M.D., Ph.D.	203-205
	MCCS		MCC03	Medically Challenging Case Presentations		Hall B1
	Oral Presentations		OR04-1	Clinical Circulation: Outcome		244
	Oral Presentations		OR06-1	Critical Care		243
	Oral Presentations		OR14-1	Patient Safety and Practice Management		245
1-3 p.m. PSH	120-Minute Panel	PI	PN03	Setting Up a Perioperative Surgical Home	Zeev Kain, M.D., M.B.A.	208-210
	120-Minute Panel	CA	PN04	Perioperative Patient Safety in Cardiovascular Surgery: From Data to Implementation	Nancy Nussmeier, M.D.	220-222
E	120-Minute Panel	PI	PN05	Whose Guidelines and Practice Parameters Apply to Anesthesiologists?	John Butterworth, IV, M.D.	225-227
	120-Minute Panel	NA	PN06	Babies Are Not Just Large Rat Pups: Controversies on the Impact of Anesthetics on the Developing Brain	Sulpicio Soriano, M.D.	228-230
	120-Minute Panel	PN	PN07	Evidenced Based Chronic Pain Management in Children and Adolescents: Is There Evidence or Is It Bias?	Santhanam Suresh, M.D.	252-254
	120-Minute Panel	AM	PN08	Anesthesia and Sedation for MRI: Adapting to Technological Advances and Demands	Keira Mason, M.D.	255-257
	Poster Presentations	AM	PO01-1	Ambulatory Anesthesia: Risk Factors, Outcomes and Recovery		Hall B1-Area A
	Poster Presentations	FA	PO08-5	Equipment, Monitoring and Engineering Technology: Ventilation and Supraglottic Airways		Hall B1-Area B
	Poster Presentations	PI	PO11-1	History and Education: Challenges: Present and Future		Hall B1-Area C
	Poster Presentations	OB	PO12-2	Obstetric Anesthesia: Labor Analgesia, Patient Safety and Miscellaneous.		Hall B1-Area D
	Poster Presentations	RA	PO16-4	Regional Anesthesia and Acute Pain		Hall B1-Area E
1-4 p.m.	Hands-on Workshop	CA	809	Pacemakers and ICDs	Aman Mahajan, M.D., Ph.D.	278-279
	Hands-on Workshop	AM	810	Must Know Blocks for Ambulatory Anesthesia	David Auyong, M.D.	265-268
UGRA	Hands-on Workshop	RA	807B	Ultrasound-Guided Regional Anesthesia and Clinical Skills Workshop: Introduction to UGRA for Beginners	Adam Jacob, M.D.	352
1-5 p.m.	Cadaver Workshops	PN	CA02	Spinal Injections With Fluoroscopy-Cadaver: Advanced Techniques (Cervical/Thoracic)	Timothy Lubenow, M.D.	271-273
	Hands-on Workshop	PN	808	Ultrasound Guided Injections-Live Models: Advanced Techniques	Philip Peng, M.B.B.S.	275-277
1:30-2:30 p.m.	RCL	PN	113	Complex Regional Pain Syndrome: What's New?	Richard Rauck, M.D.	E-3
	RCL	NA	114	Blood Pressure and the Brain: How Low Can You Go?	John Drummond, M.D.	260-262

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	RCL	CA	115	Perioperative Lung Protective Strategies in One-Lung and Two-Lung Ventilation	Peter Slinger, M.D.	La Nouvelle Ballroom AB
	RCL	FA	127	Hospital System Failures and Hazard Management in the Operating Room	P. Allan Klock, Jr., M.D.	E-1
	RCL	FA	128	Human Errors IU Medicine: What They Should Mean to Patients, Providers and the Public	Robert Lagasse, M.D.	E-2
1:30-2:45 p.m.	Hands-on Workshop	FA	AW04	Workshop on Flexible Endoscopy for Lung Isolation	Scott Schartel, D.O., William Simmons, M.D.	356-357
2-3 p.m.	Residents and Medical Students		RM08	Practice Management II	Judith Jurin Semo, J.D., Esq.	R02-03
2-4 p.m.	Featured Lecture	CA	SPE04	Perioperative Cardiology: Results from VISION, POISE-2, SIRS and ENIGMA-2	Daniel Sessler, M.D.	Great Hall A
	Featured Lecture	FA	SPE05	Anesthesia Patient Safety Foundation Workshop: Competence and Teamwork Are Not Enough: Implementing Emergency Manuals and Checklists	Jeffrey B. Cooper, Ph.D.	Great Hall B
	Seminar	PN	811	Spinal Imaging for the Pain Medicine Physician	Wyndam Strodbeck, M.D.	338-339
2:30-5 p.m.	Hands-on Workshop	FA	DW03	Basic/Advanced Flexible Fiberoptic Intubation Workshop	Katherine Gil, M.D.	353-355
2:45-3:45 p.m.	RCL	OB	116	Anesthetic Management of the Preeclamptic Patient	Joy Hawkins, M.D.	RiverGate
	RCL	RA	117	Making Regional Anesthesia Work in the Real World	Francis Salinas, M.D.	E-1
	RCL	FA	118	Anesthesia for Major Orthopedic Surgery	Andrew Rosenberg, M.D.	E-2
	RCL	CC	119	Mechanical Ventilatory Support: What Every Anesthesiologist Should Know	Michael Gropper, M.D., Ph.D.	E-3
	RCL	FA	120	Operating Room Fire Safety	William Culp, Jr., M.D.	260-262
3-4:15 p.m.	Hands-on Workshop	FA	AW05	Workshop on Flexible Endoscopy for Lung Isolation	Scott Schartel, D.O., William Simmons, M.D.	356-357
3-4:30 p.m.	MCCS		MCC04	Medically Challenging Case Presentations		Hall B1
	Poster Discussions	PD	PD15-1	Pediatric Anesthesia: Cardiac		244
	Poster Discussions	RA	PD16-1	Regional Anesthesia and Acute Pain		245
	Oral Presentations	PI	OR11-1	History and Education: Novel Ways to Teach and Learn		243
3-5 p.m.	RCL	NA	121	Smart Seniors: Avoiding Perioperative Brain Failure	Gregory Crosby, M.D.	La Nouvelle Ballroom AB
3:30-4:45 p.m.	PBLD	RA	L037	Postoperative Ulnar Neuropathy - Could I Have Done Something to Prevent It?	Sanjay Bhananker, M.B., B.S.	343-345
	PBLD	FA	L036	Anesthetic Management of a Patient With Penetrating Chest Trauma	Charles Smith, M.D.	343-345
	PBLD	AM	L038	Is Ambulatory Shoulder Surgery Safe in a Patient With Obstructive Sleep Apnea?	Christopher Canlas, M.D.	343-345
	PBLD	PD	L039	Wake Up Your Surgery Is Not Over	Prabhakar Devavaram, M.B., B.S.	343-345
	PBLD	NA	L040	Ah! I Can't Bear It! This Is the Worst Headache of My Life!	Stanlies D'Souza, M.D., F.R.C.A	343-345
	PBLD	PD	L041	I Passed Gas in the Operating Room. Are Volatile Agents Really Silent and Deadly to Patients With Muscular Dystrophy?	Matthew Green, M.D.	343-345
	PBLD	CA	L042	I Thought Three Pump Runs Were Bad but This Pulmonary Edema is Even Worse! What is Going On?	Marcellene Franzen, M.D. Lindsey Loveland-Baptist, M.D.	343-345
	PBLD	OB	L043	Anesthesia for an Hypoplastic Left Heart Syndrome Parturient	David Mann, M.D.	343-345

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	PBLD	OB	L044	Anesthetic Management of Cesarean Delivery for a Parturient With Previous Myocardial Infarction and Coronary Artery Stents	Daria Moaveni, M.D.	343-345
	PBLD	FA	L045	Blood IS Thicker Than Water: Anesthetic Concerns of Hypercoagulability	Gregory Rose, M.D.	343-345
	PBLD	FA	L046	Prevention and Management of Intraoperative Awareness in High Risk Patients	Kathleen Smith, M.D.	343-345
	PBLD	PI	L047	Hold My Compass: Tools and Tips so YOU Don't Get Lost in the EP Lab	Mark Weiss, M.D.	343-345
3:30-5 p.m.	90-Minute Panel	AM	PN43	Advanced Diagnostic Bronchoscopy: Coming Soon to an ASC near You	Basem Abdelmalak, M.D.	208-210
	90-Minute Panel	CA	PN44	Thoracic Surgery 2014	Nathael Weitzel, M.D.	217-219
	90-Minute Panel	CC	PN45	Optimizing Perioperative Hepatic Function	Randolph Steadman, M.D., M.S.	220-222
	90-Minute Panel	PN	PN46	Radiofrequency Ablation for Spinal Pain: Techniques to Optimize Success	Kevin Vorenkamp, M.D.	225-227
	90-Minute Panel	NA	PN47	Management of Neurological Events After Anesthesia	Deborah Rusy, M.D.	228-230
	90-Minute Panel	RA	PN48	Regional Anesthesia in Children: What Have We Learned From Large Prospective Databases?	Santhanam Suresh, M.D.	252-254
	90-Minute Panel	PI	PN49	Governmental Influences Over Health Care: Lessons Learned From Working on Capitol Hill	Andrew Gettinger, M.D.	255-257
	Clinical Forum	CA	CF03	Circulatory Assist: The Coming Tidal Wave	Roman Sniecinski, M.D.	206-207
	Point-Counterpoint	CC	PC04	Do We Really Need Risk Adjustment to Measure Outcomes?	Avery Tung, M.D., Laurent Glance, M.D.	203-205
	Point-Counterpoint	RA	PC05	Ultrasound-Guided Regional Anesthesia—Pushing the Limits or Over the Edge	Meg Rosenblatt, M.D., Anahi Perlas, M.D.	211-213
3:30-5:30 p.m.	Residents and Medical Students		RM09	Residency Meet and Greet	Chad Greene	La Nouvelle Ballroom C
4-5 p.m.	RCL	FA	122	Mastering Anesthesia for the Elderly Patient	Jeffrey Silverstein, M.D.	RiverGate
	RCL	OB	123	Dural Puncture and Headache: Let's Keep It the Patient's Headache	Robert Gaiser, M.D.	E-1
	RCL	CC	124	Transfusion Therapy: Optimal Use of Blood Products	Stephen Surgenor, M.B.A., M.D.	E-2
	RCL	PD	125	Pediatric Ambulatory Anesthesia: Challenges and Controversies	Linda Mason, M.D.	E-3
	RCL	RA	126	Regional Anesthesia to Improve Long Term Outcomes After Surgery	Michael Andreea, M.D., M.S.	260-262
5-6:30 p.m.	ASA Welcome Reception (Exhibit Hall)				Connection Center	

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Did you know NACOR* is the **only anesthesia QCDR** and can help your practice avoid payment penalties by meeting PQRS requirements?

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Need clarification?

Visit AQL in the Resource Center to learn how ASA has partnered with AQL to offer your group practice this exciting new member benefit.

HOT TOPIC
PQRS Reporting via the
QCDR Reporting Channel
Sunday, October 12,
10-11 a.m., Room 252-254
Lead speaker:
Richard Dutton,
M.D., M.B.A.



*The National Anesthesia Clinical Outcomes Registry, maintained by the Anesthesia Quality Institute, has been designated as a Qualified Clinical Data Registry by the Centers for Medicare and Medicaid Services for PQRS reporting.

SUNDAY, OCT. 12						
Time	Session Type	Track	Fee Code	Title	Speaker	Location
6 a.m.	Hope For The Warriors® - Run For The Warriors®				Check in at the Run For The Warriors Booth for details on the race	
7 a.m.-5 p.m.	Registration				Lobby A & D	
7 a.m.-5 p.m.	ASA Resource Center				Convention Center, Hall B-1	
7 a.m.-5 p.m.	International Connection Lounge				Lobby A	
7-8:15 a.m.	Subspecialty Panels	FA	603	(STA) How Can Mobile Technology Help Me Help My Patients?	Maxime Cannesson, M.D., Ph.D.	228-230
	Subspecialty Panels	CC	604	(SOCCA) Trauma and Critical Care Pearls for the Non-Intensivists	Daniel Brown, M.D., Ph.D.	231-232
	Subspecialty Panels	AM	605	(SAMBA) TIVA in 2014	Steven Butz, M.D.	238-239
7:15-8:30 a.m.	PBLD	OB	L048	Cesarean Delivery in a Patient With Hypertrophic Obstructive Cardiomyopathy	Jaime Aaronson, M.D. Stephanie Goodman, M.D.	343-345
	PBLD	NA	L049	Delayed Emergence After Craniotomy-No Delays Accepted	Rafi Avitsian, M.D.	343-345
	PBLD	RA	L050	Perioperative Management of the Patient on Anticoagulant Therapy: A Fresh Look at an Old Problem	Richard Beers, M.D.	343-345
	PBLD	FA	L051	Beyond Swiss Cheese - Cases for the Anesthesia Patient Safety Officer	Jonathan Cohen, M.D.	343-345
	PBLD	FA	L052	A Patient With a Temperature of 102.5 F and Rigors 3 hours after Surgery	Theresa Gelzinis, M.D.	343-345
	PBLD	RA	L053	Antifibrinolytic Use in Major Orthopedic Procedures: What's the Bloody Controversy?	Yan Lai, M.D.	343-345
	PBLD	CA	L054	I Thought Three Pump Runs Were Bad but This Pulmonary Edema is Even Worse! What is Going On?	Marcellene Franzen, M.D., Lindsey Loveland-Baptist, M.D.	343-345
	PBLD	NA	L055	Deep Brain Stimulation for Parkinson's Disease: What Is the Role of the Anesthesiologist?	Julia Metzner, M.D.	343-345
	PBLD	AM	L056	It's Just a Cataract: How a Simple Thing Can Go Bad	Michael Pilla, M.D.	343-345
	PBLD	PI	L057	Burned Out Anesthesiologist: Practice Competence and Colleagues	Sergey Pisklavov, M.D.	343-345
	PBLD	PI	L058	The Impaired Anesthesiologist: More Than Just Drugs and Alcohol	Gregory Rose, M.D.	343-345
	PBLD	PI	L060	Anesthetic Options for Patients Undergoing Dialysis Access Procedures	Derek Woodrum, M.D.	343-345
8-9 a.m.	RCL	CC	202	Respiratory Physiology and Perioperative Gas Exchange	Luca Bigatello, M.D.	E-1
	RCL	PD	203	Current Controversies in Pediatric Anesthesia	Lena Sun, M.D.	E-2
	RCL	CA	204	Rethinking Acute Blood Pressure Management in the Perioperative Setting	Solomon Aronson, M.D., M.B.A., FACC, FCCP, FAHA, FASE	E-3
	RCL	AM	205	Anesthesia for Outpatient Diagnostic and Therapeutic Radiology	Thomas Cutter, M.D.	260-262
PSH	RCL	CA	206	Preoperative Cardiac Evaluation for Noncardiac Surgery	Lee Fleisher, M.D.	La Nouvelle Ballroom AB
8-9:30 a.m.	90-Minute Panel	PN	PN101	Neuropathic Pain: From Mechanisms to Outcomes	Jianguo Cheng, M.D.	252-254
	90-Minute Panel	FA	PN50	Airway Management Training: Are We Keeping Up With Technology?	Nicholas Nedeff, M.D.	208-210
	90-Minute Panel	CA	PN51	Heart Failure in Adults Undergoing Non-Cardiac Surgery	Amanda Fox, M.D., M.PH.	217-219

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	90-Minute Panel	CC	PN52	Simulation Education in Competency-Based Training and Assessment: Present and Future	Randall Schell, M.D., M.Ed.	220-222
	90-Minute Panel	NA	PN53	The Yin and Yang of Anesthetic Drugs: Are They Neuroprotective or Neurotoxic?	Piyush Patel, M.D.	225-227
	Clinical Forum	FA	CF04	Evidence-Informed Anesthesia for the Severely Obese; Example Obstetrics and Gynecology - Does It Exist ?	Roman Schumann, M.D.	206-207
	Point-Counterpoint	PN	PC06	Long-Term Opioid Treatment for Chronic Non-Malignant Pain	Gary Brenner, M.D., Ph.D., Rene Przkora, M.D., Ph.D.	203-205
	Point-Counterpoint	OB	PC07	Combined Spinal-Epidural Labor Analgesia: Forevermore or Nevermore?	Cynthia Wong, M.D.	211-213
	MCCS		MCC05	Medically Challenging Case Presentations		Hall B1
	Oral Presentations	PN	OR03-1	Chronic and Cancer Pain		243
	Oral Presentations	PI	OR14-2	Patient Safety and Practice Management		245
	Poster Discussions	NA	PD05-2	Clinical Neurosciences		244
8-10 a.m.	Featured Lecture	PI	SPE06	WFSA Panel: Government Funded Healthcare and Anesthesia – An International Perspective on Successes and Failures	Adrian Gelb, M.B., B.Ch., FRCP	Great Hall B
	Poster Presentations	FA	PO02-1	Anesthetic Action and Biochemistry: Efficacy and Safety of Current and Emerging Anesthetics and Analgesics		Hall B1-Area C
	Poster Presentations	CA	PO04-1	Clinical Circulation: Echo/Monitoring		Hall B1-Area E
	Poster Presentations	NA	PO10-1	Experimental Neurosciences: Neurotoxicity		Hall B1-Area D
	Poster Presentations	FA	PO13-1	Outcomes and Database Research		Hall B1-Area A
8-10:30 a.m.	Hands-on Workshop	FA	DW04	Basic/Advanced Flexible Fiberoptic Intubation Workshop	Katherine Gil, M.D.	353-355
8-11 a.m.	Hands-on Workshop	PD	812	Pediatric Airway Workshop	Narasimhan Jagannathan, M.D.	346-347
	Seminar	CC	813	Perioperative Resuscitation - What's New?	Steven Robicsek, M.D., Ph.D.	348-349
8 a.m.-12 p.m.	Cadaver Workshops	PN	CA03	Introduction to Ultrasound and Fluoroscopic-Guided Techniques for Chronic Pain Management: Live Models and Cadavers	David Provenzano, M.D.	271-273
	Cadaver Workshops	PN	CA04	Head and Neck Blocks (Ultrasound and Fluoroscopy) - Cadaver and Live Models	Miles Day, M.D.	275-277
	House of Delegates		SPE07	House of Delegates: Session I	Jane C.K. Fitch, M.D.	Grand Ballroom Hilton Riverside
8 a.m.-4 p.m.	Hands-on Workshop	CA	815	Basic TEE Workshop	Sasha Shillcutt, M.D.	338-339
9-10:15 a.m.	PBLD	FA	L061	Anesthetic Management of a Patient With Penetrating Chest Trauma	Charles Smith, M.D.	343-345
	PBLD	CC	L062	Surviving Septic Shock in the Operating Room and Beyond: What Do the Guidelines Say?	Roman Dudaryk, M.D.	343-345
	PBLD	OB	L063	Just Another Day on Labor and Delivery: Morbid Obesity and Preeclampsia	Regina Fragneto, M.D.	343-345
	PBLD	NA	L064	Just Another Subarachnoid Hemorrhage? Or Am I Really Up-to-date on What to Do?	Eduardo Galeano, M.D.	343-345
	PBLD	PD	L065	I Passed Gas in the Operating Room. Are Volatile Agents Really Silent and Deadly to Patients With Muscular Dystrophy?	Matthew Green, M.D.	343-345
	PBLD	RA	L066	Nerve Injury/Dysfunction and Peripheral Nerve Blockade: Fact or Fiction	Thomas Halaszynski, M.D., M.B.A.	343-345


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	PBLD	OB	L067	Labor Analgesia and Postpartum Tubal Ligation in a Patient With a History of Spinal Instrumentation	Michael Hofkamp, M.D.	343-345
	PBLD	CA	L068	Patient With a Failing Fontan for Emergency Exploratory Laparotomy	Galina Leyvi, M.D.	343-345
	PBLD	FA	L069	Prevention and Management of Intraoperative Awareness in High Risk Patients	Kathleen Smith, M.D.	343-345
	PBLD	FA	L070	Airway Management of a Patient With Penetrating Neck Injury	Albert Varon, M.D.	343-345
	PBLD	PI	L071	Anesthesiologists and Terminal Live Organ Donation: You Want Me to Do What?	Richard Wolman, M.D., M.A.	343-345
	PBLD	PD	L072	Application of Pediatric Advanced Life Support for Managing a Patient With a Defibrillator Who Develops an Intraoperative Cardiac Arrest	David Young, M.D., M.Ed	343-345
	Hands-on Workshop	FA	AW06	Workshop on Flexible Endoscopy for Lung Isolation	Scott Schartel, D.O., William Simmons, M.D.	356-357
9 a.m.-4 p.m.	Scientific and Educational Exhibits (Connection Center)					Hall C
	Exhibits (Connection Center)					Hall B2-D
	Affiliated Subspecialty Society Pavillion (Connection Center)					Booth #111
9:15-10:15 a.m.	RCL	OB	207	Neurologic Complications of Neuraxial Anesthesia in Obstetrics	David Wlody, M.D.	RiverGate
	RCL	PI	208	Decision Making Errors in Anesthesiology	Marjorie Stiegler, M.D.	E-1
	RCL	CA	209	Congenital Heart Disease in the Adult Presenting for Non-Cardiac Surgery	Ilka Theruvath, M.D.	E-2
	RCL	PN	210	Modern Concepts in Spinal Cord Stimulation	Timothy Deer, M.D.	E-3
	RCL	FA	211	Perioperative Management of Patients With Left Ventricular Assist Devices Undergoing Noncardiac Surgery	Michael O'Connor, M.D.	260-262
	RCL	PD	212	New Guidelines: Pediatric Advanced Life Support for the Anesthesiologist	Eugenie Heitmiller, M.D.	La Nouvelle Ballroom AB
10-11 a.m.	Featured Lecture		SPE27	PQRS Reporting Via the QCDR Reporting Channel	Richard Dutton, M.D., M.B.A.	252-254
10-11:30 a.m.	90-Minute Panel	OB	PN54	Cutting-Edge, Technologies and Point-of-Care Devices to Improve Care of the Obstetric Patient	Brendan Carvalho, F.R.C.A.	208-210
	90-Minute Panel	PD	PN55	Pediatric Adenotonsillectomy: Enhancing Quality and Efficiency; Ensuring Safety	LynneMaxwell, M.D.	217-219
	90-Minute Panel	PI	PN56	Beating Back Burnout: Strategies for Career Longevity and Improved Patient Care	Mary AnnVann, M.D.	220-222
	90-Minute Panel	PI	PN57	Not All That Glitters is Gold-How Do I Judge Quality from My Experience as a Surgical Outpatient?	Armin Schubert, M.D.	225-227
	90-Minute Panel	RA	PN58	Nerve Injury Following Regional Anesthesia	Vincent Chan, M.D.	228-230
	90-Minute Panel	PI	PN59	Professionalism - An International Perspective	Sandra Curry, M.D.	255-257
	Clinical Forum	CA	CF05	Adult Congenital Heart Disease (ACHD):Special Considerations for Patients With CHD Surviving Into Adulthood	James DiNardo, M.D.	206-207
	Point-Counterpoint	FA	PC08	Perioperative Colloid Administration - Should it be Abandoned?	Marc Rozner, Ph.D., M.D., John Drummond, M.D.	211-213
	Poster Presentations	CC	PO06-1	Critical Care		Hall B1-Area D
	Poster Presentations	FA	PO08-1	Equipment, Monitoring and Engineering Technology: Securing the Airway		Hall B1-Area C
	Poster Presentations	PI	PO14-1	Patient Safety and Practice Management		Hall B1-Area B

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	Poster Presentations	PD	P015-2	Pediatric Anesthesia		Hall B1-Area E
	Poster Presentations	RA	P016-2	Regional Anesthesia and Acute Pain: Ultrasound Guided RA		Hall B1-Area A
10 a.m.-12 p.m.	Residents and Medical Students		RM10	Medical Resident Component House of Delegates	Mark Bicket, M.D.	R02-03
10 a.m.-1 p.m.	Residents and Medical Students		RM11	Medical Student Component House of Delegates	Chad Greene	R04-05
10:30-11:30 a.m.	RCL	AM	213	Adult Patient With Morbid Obesity and OSA for Ambulatory Surgery: An Update	Girish Joshi, M.B.B.S., M.D., FFARCSI	RiverGate
	RCL	OB	214	Hail Caesar: Anesthesia for Cesarean Delivery	Lawrence Tsen, M.D.	E-1
	RCL	CA	215	Catheter Based Cardiac Surgery: Anesthesia in the Hybrid Suite and Cath Lab	Nathael Weitzel, M.D.	E-2
	RCL	PN	216	Head and Neck Pain: A Clinical Approach	Samer Narouze, M.D., Ph.D.	E-3
	RCL	PD	217	Anesthesia for the Patient With Congenital Heart Disease for Emergent Non-Cardiac Surgery: Are You Well Equipped?	Dean Andropoulos, M.D.	260-262
	RCL	CC	218	The Evidence Behind Evidence-Based Medicine	Brian Kavanagh, M.B.	La Nouvelle Ballroom AB
	Oral Presentations	FA	OR13-2	Outcomes and Database Research - Evaluation of Risk		244
	Poster Discussions	CA	PD04-2	Clinical Circulation: Blood, Other		243
10:30-11:45 a.m.	Hands-on Workshop	FA	AW07	Workshop on Flexible Endoscopy for Lung Isolation	Scott Schartel, D.O., William Simmons, M.D.	356-357
10:30 a.m.-12 p.m.	MCCS		MCC06	Medically Challenging Case Presentations		Hall B1
10:30 a.m.-1 p.m.	Hands-on Workshop	FA	DW05	Basic/Advanced Flexible Fiberoptic Intubation Workshop	Katherine Gil, M.D.	353-355
12-1:15 p.m.	Hands-on Workshop	FA	AW08	Workshop on Flexible Endoscopy for Lung Isolation	Scott Schartel, D.O., William Simmons, M.D.	356-357
12:30-1:30 p.m.	RCL	PD	219	Anesthetic Induced Neurotoxicity in Pediatric Patients: A Status Update	Randall Flick, M.D., M.PH.	E-2
	RCL	PN	220	Radiofrequency Ablation for the Treatment of Spine Pain: Understanding the Basic Principles and Clinical Applications	David Provenzano, M.D.	E-3
	RCL	PD	221	Neonatal Emergencies: Simple Approach to Success	Samuel Wald, M.D.	260-262
	RCL	RA	222	Hemorrhagic and Infectious Complications of Neuraxial Anesthesia	Terese Horlocker, M.D.	La Nouvelle Ballroom AB
	Featured Lecture	FA	SPE08	Society for Airway Management Lecture: The Airway Approach Algorithm: What Would Andy Say?	William Rosenblatt, M.D.	Great Hall B
12:30-1:45 p.m.	PBLD	PI	L073	Do You Want to Present a PBLD at the 2015 ASA Meeting? This PBLD Session Could Help You	Sanjay Bhananker, M.B., B.S.	343-345
	PBLD	NA	L074	Ah! I Can't Bear It! This Is the Worst Headache of My Life!	Stanlies D'Souza, M.D., F.R.C.A	343-345
	PBLD	PN	L075	Opioid-Induced Hyperalgesia Tolerance and Chronic Postsurgical Pain; a Dilemma Complicating Postoperative Pain Management	Dalia Elmofly, M.D.	343-345
	PBLD	RA	L076	Nerve Injury After Peripheral Nerve Blockade: Best Practices and Medical-Legal Protection Strategies	H. David Hardman, M.D., M.B.A.	343-345
	PBLD	PI	L077	To Coerce or Not to Coerce: What Are the Questions?	Norma Klein, M.D.	343-345
	PBLD	OB	L078	Anesthesia for an Hypoplastic Left Heart Syndrome Parturient	David Mann, M.D.	343-345

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	PBLD	OB	L079	Anesthetic Management of Cesarean Delivery for a Parturient With Previous Myocardial Infarction and Coronary Artery Stents	Daria Moaveni, M.D.	343-345
	PBLD	FA	L080	It's Only a MAC Case and Now My Patient is on FIRE!	Mark Phillips, M.D.	343-345
	PBLD	OB	L081	Critical Management of a Parturient With Influenza Progressing to ARDS	Vernon Ross, M.D.	343-345
	PBLD	RA	L082	Analgesic Options for a 68-Year-Old Man with Multiple Rib Fractures	Mark Leibel, M.D. Kristopher Schroeder, M.D.	343-345
	PBLD	CA	L083	Hold My Compass: Tools and Tips So That YOU Don't Get Lost in the EP Lab	Mark Weiss, M.D.	343-345
	PBLD	CC	L084	Management of Acute Pulmonary Embolism: Anticipating and Responding to Complexity	Ahmed Zaky, M.D.	343-345
12:30-2:30 p.m.	120-Minute Panel	PI	PN09	Patients Do the Darndest Things: Tales From the Anesthesia Incident Reporting System	Richard Dutton, M.D., M.B.A.	211-213
1-2:30 p.m.	90-Minute Panel 	FA	PN102	Perioperative Management of Patients With Endocrine Disease: A Global Perspective	Karen Domino, M.D., M.PH.	255-257
	Clinical Forum	AM	CF06	Ambulatory Non-Operating Room Anesthesia (NORA): It Ain't That Simple	Thomas Cutter, M.D.	206-207
	Point-Counterpoint	CC	PC09	A Structured Handoff Protocol Improves the Care of Patients Going to the ICU After Surgery	Steven Greenberg, M.D.	203-205
	MCCS		MCC07	Medically Challenging Case Presentations		Hall B1
	Poster Discussions	FA	PD08-2	Equipment, Monitoring and Engineering Technology: Enhancing Patient Safety and Environmentally Sound Practices		243
	Poster Discussions	CA	PD09-1	Experimental Circulation		245
	Poster Discussions	PI	PD11-1	History and Education:Pioneers of Anesthesia		244
1-3 p.m. PSH	120-Minute Panel	CC	PN10	Minimizing Postoperative ICU Complications in a Surgical Home	Trung Vu, M.D.	217-219
	120-Minute Panel	FA	PN11	Intravenous Anesthesia Beyond Propofol	Keira Mason, M.D.	220-222
	120-Minute Panel	OB	PN12	Perioperative Considerations for Ex Utero Intrapartum Treatment Procedures: Principles, Pitfalls and Progress	Mark Rollins, M.D., Ph.D.	225-227
	120-Minute Panel	PD	PN13	They Walk Among Us: Anesthesia for Adults With Pediatric Disease	Debra Morrison, M.D.	228-230
PSH	120-Minute Panel	RA	PN14	Controversies and Challenges in Perioperative Pain Management	Eugene Viscusi, M.D.	252-254
	Poster Presentations	PN	PO03-1	Chronic and Cancer Pain		Hall B1-Area B
	Poster Presentations	NA	PO05-1	Clinical Neurosciences		Hall B1-Area E
	Poster Presentations	PI	PO11-2	History and Education:Evaluation: Strategies and Resources		Hall B1-Area D
	Poster Presentations	FA	PO13-5	Outcomes and Database Research		Hall B1-Area A
1-4 p.m.	Seminar	PN	816	Physical Exam Workshop for Pain Physicians	Brian Starr, M.D.	346-347
	Hands-on Workshop	FA	817	Awake Fiberoptic Intubation: A Streamlined Approach With Nerve Blocks	Scott Miller, M.D.	348-349
	Hands-on Workshop	PD	823	Perioperative Pediatric Advanced Life Support Simulation	Scott Watkins, M.D.	281
1-5 p.m.	Cadaver Workshops	PN	CA05	Radiofrequency Ablation of the Spine, Sacrum and Lumbar Disc	Maxim Eckmann, M.D.	275-277

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	Hands-on Workshop	PN	814	Ultrasound Guided Musculoskeletal Injections - Live Models: Beyond Corticosteroids	James Modir, M.D.	271-273
1:30-2:45 p.m.	Hands-on Workshop	FA	AW09	Workshop on Flexible Endoscopy for Lung Isolation	Scott Schartel, D.O., William Simmons, M.D.	356-357
1:45-2:45 p.m.	RCL	FA	223	Perioperative Management of Pulmonary Hypertension	Ronald Pearl, M.D., Ph.D.	RiverGate
PSH	RCL	FA	224	Obstructive Sleep Apnea - What an Anesthesiologist Should Know	Frances Chung, M.B.B.S. F.R.C.P.C.	E-1
	RCL	OB	225	State of the Art Labor Analgesia	Kenneth Nelson, M.D.	E-2
	RCL	CC	226	Heart Failure and Perioperative Care	Gareth Ackland, M.D.	E-3
	RCL	AM	227	Effective Management of Pain, PONV and Common Adverse Effects in Ambulatory Surgical Patients	Tong Gan, M.D.	260-262
	RCL	PI	228	Building a Quality Management System for Meaningful Use	John Allyn, M.D.	La Nouvelle Ballroom AB
2-5 p.m.	Residents and Medical Students	FA	RM12	FAER Medical Student Anesthesia Research Fellowship Symposium	Paloma Toledo, M.D., M.P.H.	R08-09
2:30-5 p.m.	Residents and Medical Students	FA	RM13	Resident Regional Anesthesia Workshop	Julia Pollock, M.D.	R06-07
	Hands-on Workshop	FA	DW06	Basic/Advanced Flexible Fiberoptic Intubation Workshop	Katherine Gil, M.D.	353-355
3-4 p.m.	RCL	NA	229	The Impact of Anesthesia on the Young and Old Brain	Audree Bendo, M.D.	RiverGate
	RCL	CC	230	Perioperative Coagulation and Coagulopathy	Linda Liu, M.D.	E-1
	RCL	FA	231	Neuromuscular Management and Patient Outcomes	Glenn Murphy, M.D.	E-2
E	RCL	RA	232	The Economics of Regional Anesthesia	Brian Williams, M.D., M.B.A.	E-3
	RCL	CA	233	New Developments in Thoracic Anesthesia	Edmond Cohen, M.D.	260-262
	RCL	OB	234	Anesthesia for Nonobstetric Surgery and Procedures	Yaakov Beilin, M.D.	La Nouvelle Ballroom AB
3-4:15 p.m.	Hands-on Workshop	FA	AW10	Workshop on Flexible Endoscopy for Lung Isolation	Scott Schartel, D.O., William Simmons, M.D.	356-357
3-4:30 p.m.	Clinical Forum	FA	CF07	A 65-Year-Old Male; Preoperative Evaluation and Management of CAD for Robotic Prostate Surgery	Paul Kempen, M.D., Ph.D.	206-207
	MCCS		MCC08	Medically Challenging Case Presentations		Hall B1
	Oral Presentations	AM	OR01-2	Ambulatory Anesthesia: Ambulatory Anesthesia Practice and Outcomes		245
	Oral Presentations	FA	OR07-2	Drug Disposition, Metabolism and Elimination		243
3-5 p.m.	120-Minute Panel	FA	PN15	Fluid Administration in the Operating Room: An Update Focusing on Recent Literature	Andrew Leibowitz, M.D.	203-205
	120-Minute Panel	RA	PN16	Transversus Abdominis Plane Block Paravertebral Block or Thoracic Epidural: Is There an Ideal Truncal Block?	Steven Clendenen, M.D.	211-213
	Oral Presentations	FA	OR17-2	Respiration-Respiration-Respiration-Basic Mechanisms, Animal Models and Clinical Science		244
3:30-4:45 p.m.	PBLD	PI	L059	When the Patient Just Says No	Sarah Smith, M.D.	343-345
	PBLD	PI	L085	A High Risk Patient for Low Risk Outpatient Surgery: Is There Value in a Surgical Home for a Patient Going Home?	Jeanna Blitz, M.D.	343-345
	PBLD	NA	L086	Only a Little Sniff of Cocaine; Now an Aneurysm Coiling Headache!	Jess Brallier, M.D.	343-345


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	PBLD	CC	L087	Transfusion Goals and Hemostatic Management of the Anticoagulated Trauma Patient: Can You Plug a Hole in the Dam?	Louanne Carabini, M.D.	343-345
	PBLD	RA	L088	This Epidural Catheter Is Not Working Well. What Should I Do?	Miguel Cruz, M.D.	343-345
	PBLD	CC	L089	Elderly Man; Going into Shock; Needs Fluids Now!	Elizabeth Frost, M.B., Ch.B.	343-345
	PBLD	AM	L090	It's Just a Quick EGD in the Office...but Can I Safely Anesthetize My Patient Here?	Jeena Jacob, M.D.	343-345
	PBLD	PD	L091	Why Does My Patient Scheduled for Endoscopic Sinus Surgery Have Severe Groin Pain?	Kirk Lalwani, M.D. Christine Martin, M.D.	343-345
	PBLD	RA	L092	Thoracic Epidural Analgesia in the Recently Anticoagulated Patient: Is This a Good Idea?	Anuj Malhotra, M.D.	343-345
	PBLD	PN	L093	Worsening Back Pain: To Inject or Not to Inject That Is the Question	Tariq Malik, M.D.	343-345
	PBLD	OB	L094	Anesthetic Considerations for the Jehovah's Witness Patient Undergoing Trial of Labor After Cesarean Delivery (TOLAC)	Chawla LaToya Mason, M.D.	343-345
	PBLD	OB	L095	Placenta Percreta: Preparation and Management	Cathleen Peterson-Layne, Ph.D., M.D.	343-345
	PBLD	PD	L096	Tonsillectomy and Adenoidectomy in a Child With Down Syndrome More to It Than You Think!	Catherine Seipel, M.D.	343-345
3:30-5 p.m.	90-Minute Panel	AM	PN60	Crisis Management in Office-Based Anesthesia	Michael Walsh, M.D.	208-210
	90-Minute Panel	CA	PN61	Cerebral Oximetry Monitoring: Does It Affect Neurologic Outcome?	John Murkin, M.D.	217-219
	90-Minute Panel	CC	PN62	ACLs for the Anesthesiologist: An Update	Vivek Moitra, M.D.	220-222
	90-Minute Panel	AM	PN63	Ambulatory Surgery Airway Challenges	Raafat Hannallah, M.D.	225-227
	90-Minute Panel	PI	PN64	Limits of Care: Ethical Issues in the Current Technological Environment	Paul Barash, M.D.	228-230
PSH	90-Minute Panel	FA	PN65	Optimization of the High-Risk Surgery Patient in the Era of Enhanced Recovery After Surgery and Perioperative Surgical Home	Maxime Cannesson, M.D., Ph.D.	255-257
3:30-5:30 p.m.	120-Minute Panel	FA	PN17	Preoperative Assessment and Management	David Hepner, M.D.	252-254
4-4:30 p.m.	Featured Lecture		SPE09	ABA Informational Session: Assessment Programs for Primary Certification in Anesthesiology	Deborah Culley, M.D.	335-336
4:15-5:15 p.m.	RCL	PN	235	Cancer Pain Management in 2014	Oscar A. De Leon-Casasola, M.D.	RiverGate
UGRA	RCL	RA	236	Ultrasound Guided Regional Anesthesia in Infants, Children and Adolescents: Guiding You to Success	Santhanam Suresh, M.D.	E-1
	RCL	PI	237	Mythbusters Episode: Economic Issues of Anesthesia Care	Amr Abouleish, M.D., M.B.A.	E-2
	RCL	FA	238	Weapons of Mass Destruction: Improvised Explosive Devices	Michael Murray, M.D., Ph.D.	E-3
	RCL	CC	239	Understanding Clinical Hemodynamics	Jeffery Vender, M.D., F.C.C.M.	260-262
	RCL	FA	240	What's New in Airway Management	Lauren Berkow, M.D.	La Nouvelle Ballroom AB
4:30-5 p.m.	Featured Lecture		SPE10	ABA Informational Session: Maintenance of Certification in Anesthesiology Program (MOCA)	Deborah Culley, M.D.	335-336

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MONDAY, OCT. 13						
Time	Session Type	Track	Fee Code	Title	Speaker	Location
7 a.m.-5 p.m.	Registration				Lobby A & D	
7 a.m.-5 p.m.	ASA Resource Center (Connection Center)				Convention Center, Hall B-1	
7 a.m.-5 p.m.	International Connection Lounge				Lobby A	
7-8:15 a.m.	Subspecialty Panels	NA	606	(SNACC) Anesthesia for Acute Stroke Management: Method, Timing and Hemodynamics	Rafi Avitsian, M.D.	231-232
	Subspecialty Panels	PI	607	(SEA) Technology Today: Testing, Training and Learning	Ira Todd Cohen, M.D., M.Ed.	238-239
	Subspecialty Panels	RA	608	(ASRA) In-Hospital Falls: What Causes Them and How Can We Prevent Them?	Sandra Kopp, M.D.	243
7:15-8:30 a.m.	PBLD	FA	L097	Help - My Patient Is on a Multi-Chemotherapeutic Regimen and Is Coming for a Laparotomy! What Do I Need to Know?	Anoushka Afonso, M.D.	343-345
	PBLD	CA	L098	Carotid Endarterectomy: Asleep Versus Awake	Jeffrey Dobyns, D.O.	343-345
	PBLD	PI	L100	Giving Feedback: How to Support the Defensive Learner	Yulia Ivashkov, M.D.	343-345
	PBLD	NA	L101	My Ulnar Neuropathy Has Resolved. Now I Have to Go for Spine Surgery in the Prone Surrender Position	Ihab Kamel, M.D.	343-345
	PBLD	FA	L102	Malignant Hyperthermia in a Child Having a Tethered Cord Release	Tae Kim, M.D.	343-345
	PBLD	OB	L104	She was Advised Not to Get Pregnant and She Did: Pulmonary Hypertension and Pregnancy	Tanya Lucas, M.D.	343-345
	PBLD	AM	L105	PONV, PDNV and Long QT Syndrome: Balancing Risk and Benefit	Anuj Malhotra, M.D.	343-345
	PBLD	PD	L106	A Child With Mitochondrial Disease and Propofol Allergy Who May be Susceptible to Malignant Hyperthermia	Jayant Pratap, M.B., B.Ch.	343-345
	PBLD	RA	L107	A 40-Year-Old Woman With Multiple Sclerosis Consulting for Postoperative Epidural Following Laparoscopic Converted to Open Colectomy	John Shepler, M.D. Kristopher Schroeder, M.D.	343-345
	PBLD	FA	L108	Airway Management of a Patient With Penetrating Neck Injury	Albert Varon, M.D.	343-345
	PBLD	CC	L109	Management of Acute Pulmonary Embolism: Anticipating and Responding to Complexity	Ahmed Zaky, M.D.	343-345
	PBLD	NA	L133	Awake Craniotomy in a Patient With Obstructive Sleep Apnea	Karl Willmann, M.D.	343-345
	PBLD	PD	L140	When It Rains It Pours; Large AVM Heart Failure Pulmonary HTN and Now There Is V-tach!	Christina Diaz, M.D.	343-345
8-9 a.m.	RCL	FA	301	Positioning Problems You Hope to Never Encounter	Mark Warner, M.D.	RiverGate
	RCL	PN	302	Therapeutic Epidural Injections: Safety Considerations and Evidence Basis	Marc Huntoon, M.D.	E-1
	RCL	RA	303	Current Concepts and Controversies in Acute Pain Management	Eugene Viscusi, M.D.	E-2
	RCL	PI	304	Tired of Not Being Taken Seriously? How Professionalism Affects You	Sandra Curry, M.D.	E-3
	RCL	CA	305	Synthetic Colloids in Cardiac Surgery What Are the Indications?	Roman Sniecinski, M.D.	260-262
8-9:30 a.m.	90-Minute Panel	OB	PN66	Basic Considerations for the Occasional Obstetric Anesthesiologist	Yaakov (Jake) Beilin, M.D.	208-210
PSH	Clinical Forum	RA	CF08	EXPAREL: A Novel Liposomal Extended-Release Bupivacaine Formulation	John Rowlingson, M.D.	203-205



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	Clinical Forum	CC	CF09	Critical Care Forum: Challenges and Controversies in Critical Care Anesthesiology	Avery Tung, M.D., F.C.C.M.	206-207
	Point-Counterpoint	CC	PC10	Should We Perform CPR When We Know That It Is Futile?	Neal Cohen, M.D., M.P.H., M.S.	211-213
	MCCS		MCC09	Medically Challenging Case Presentations		Hall B1
	Oral Presentations	AM	OR01-1	Ambulatory Anesthesia: Anesthesia Outcomes, Delirium and Cognitive Dysfunction		243
	Oral Presentations	FA	OR13-3	Outcomes and Database Research		245
	Poster Discussions	PD	PD15-2	Pediatric Anesthesia: Miscellaneous		244
8-10 a.m.	120-Minute Panel	CC	PN18	Perioperative Hemodynamic Optimization and Goal Directed Therapy	Jeffery Vender, M.D., F.C.C.M.	217-219
PSH	120-Minute Panel	FA	PN19	ACUTE Care Anesthesiology: Strategies for the Management of Trauma, Emergencies and Disasters	Maureen McCunn, M.D., MIPP	220-222
	120-Minute Panel	OB	PN20	Maternal Mortality in the Developed World: What Should the Anesthesiologist Know?	Robert D'Angelo, M.D.	225-227
	120-Minute Panel	FA	PN21	Neuromuscular Blockade and Reversal	Francois Donati, M.D., Ph.D.	228-230
	120-Minute Panel	PN	PN22	Palliative Care and the Anesthesiologist	Mihir KaM.D.ar, M.D.	252-254
E	120-Minute Panel	PI	PN23	Embracing Quality Improvement: Key Steps You Can Take Today to Improve Yourself Your Department and Your Hospital	David Zvara, M.D.	255-257
	RCL	NA	306	Perioperative Management of Patients Undergoing Spine Surgery	Susan Black, M.D.	La Nouvelle Ballroom AB
	Featured Lecture		SPE11	Best of Abstracts: Basic Science	James Rathmell, M.D.	265-268
	Featured Lecture	FA	SPE12	FAER Academy of Research Mentors	Evan Kharasch, M.D., Ph.D.	342
	Featured Lecture	FA	SPE13	International Forum on Patient Safety and Quality Outcomes	Richard Dutton, M.D., M.B.A.	Great Hall B
	Poster Presentations	PN	PO03-3	Chronic and Cancer Pain		Hall B1-Area B
	Poster Presentations	FA	PO08-2	Equipment, Monitoring and Engineering Technology: Coagulation, Hemoglobin, and Glucose		Hall B1-Area C
	Poster Presentations	NA	PO10-3	Experimental Neurosciences: Cerebral Blood Flow and CNS Ischemia		Hall B1-Area E
	Poster Presentations	PI	PO11-3	History and Education: How Far We Have Come		Hall B1-Area D
	Poster Presentations	PI	PO14-5	Patient Safety and Practice Management		Hall B1-Area A
8-11 a.m.	Hands-on Workshop	AM	820	Ophthalmic Regional Anesthesia	Marc Feldman, M.D., MHS	333-334
	Seminar	FA	821	Grant Writing and the NIH Study Section for the Uninitiated	Michael Andreae, M.D.	348
	Hands-on Workshop	CA	822	Intermediate Transesophageal Echocardiography (TEE)	James Abernathy, III, M.D., M.P.H.	338-339
	Hands-on Workshop	CC	825	Critical Care Ultrasonography for the Perioperative Physician	Steven Venticinque, M.D.	356-357
	Hands-on Workshop	FA	824A	Difficult Airway Workshop With Simulation	Allan Reed, M.D.	353-355
8-11:30 a.m.	Hands-on Workshop	CC	819A	Perioperative ACLS Simulation Workshop	Matthew McEvoy, M.D.	281
9-10:15 a.m.	PBLD	FA	L110	Trauma Induced Coagulopathy	Maged Andrews, M.Sc., M.B., B.Ch.	343-345
	PBLD	NA	L111	Crisis in the Neuro-Muscular Junction. Anesthetic Implications	Cristina Barboi, M.D.	343-345

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	PBLD	AM	L112	Is Ambulatory Shoulder Surgery Safe in a Patient With Obstructive Sleep Apnea?	Christopher Canlas, M.D.	343-345
	PBLD	RA	L113	This Epidural Catheter Is Not Working Well. What Should I Do?	Miguel Cruz, M.D.	343-345
	PBLD	RA	L114	Numb and Number: Should We Use Regional Anesthesia in Orthopedic Trauma?	Nabil Elkassabany, M.D.	343-345
	PBLD	PN	L115	Opioid-Induced Hyperalgesia, Tolerance and Chronic Postsurgical Pain; a Dilemma Complicating Postoperative Pain Management	Dalia Elmofty, M.D.	343-345
	PBLD	CC	L117	Management of Severe ARDS in the ICU With ECMO	Jacob Gutsche, M.D.	343-345
	PBLD	FA	L118	A Patient With End-Stage Liver Disease for Elective Surgery	Christopher Darling, D.O. Michael Hannaman, M.D.	343-345
	PBLD	PI	L119	My Patient With a DNR Order Arrested in the OR! Now What?!	Juliann Hobbs, M.D., M.PH.	343-345
	PBLD	PI	L120	When the Patient Just Says No	Sarah Smith, M.D.	343-345
	PBLD	PD	L121	It Is Just a Nosebleed Isn't It? Anesthetic Considerations for Unsuspected Pulmonary Hypertension	Shu-Ming Wang, M.D.	343-345
	PBLD	FA	L122	Oh No! Both Arteries in My Neck Are Blocked! Now What?	Stanlies D'Souza, M.D., F.R.C.A	343-345
9-11 a.m.	Seminar	PN	818	Practical Pain Medicine Coding: Compliance and Workflow Strategies for 2014	Kevin Vorenkamp, M.D.	276-277
9 a.m.-3 p.m.	Scientific and Educational Exhibits (Connection Center)					Hall C
	Exhibits (Connection Center)					Hall B2-D
	Affiliated Subspecialty Society Pavilion (Connection Center)					Booth #111
9:15-10:15 a.m.	RCL	E PI	307	Ethics in the Real World	Jeffrey Jacobs, M.D.	RiverGate
	RCL	PN	308	The Strain in Pain Lies Mainly in the Brain: Lessons Learned from the Neuroimaging of Pain	Sean Mackey, M.D., Ph.D.	E-1
	RCL	FA	309	A Few New Papers From Outside Anesthesia Which Can Affect Your Practice	James Eisenach, M.D.	E-2
	RCL	CA	310	Cerebral Protection During Cardiac Surgery	Charles Hogue, M.D.	E-3
	RCL	RA	311	Clinical Pathways for Total Joint Arthroplasty: Essential Components for Success	James Hebl, M.D.	260-262
10 a.m.-12 p.m.	Poster Presentations	AM	PO01-2	Ambulatory Anesthesia: Sedation, Pharmacokinetics and Recovery Outcomes		Hall B1-Area E
	Poster Presentations	FA	PO13-2	Outcomes and Database Research		Hall B1-Area B
	Poster Presentations	PI	PO14-3	Patient Safety and Practice Management		Hall B1-Area C
	Poster Presentations	PD	PO15-3	Pediatric Anesthesia		Hall B1-Area D
	Poster Presentations	FA	PO17-1	Respiration-Clinical and Basic Science		Hall B1-Area A
10:20-11:35 a.m.	Featured Lecture		SPE14	Rovenstine Lecture: Health Care at the Crossroads: The Imperative for Change	Karen Domino, M.D., M.PH.	Great Hall AD
10:30-12 p.m.	MCCS		MCC10	Medically Challenging Case Presentations		Hall B1
11:45 a.m.-1:15 p.m.	Featured Lecture		SPE15	Celebration of Research	James Eisenach, M.D.	Great Hall B
12:30-1:30 p.m.	RCL	PI	312	Chemical Dependency and Anesthesiology	John Tetzlaff, M.D.	RiverGate
	RCL	CC	313	(A)ACLS in the Perioperative Period	Gerald Maccioli, M.D.	E-1
PSH	RCL	FA	314	Perioperative Glycemic Management: A Practical Guide	Basem Abdelmalak, M.D.	E-2

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	RCL	CA	315	Preconditioning the Heart: How It Works and Does It Matter?	Judy Kersten, M.D.	E-3
	RCL	RA	316	Lipid Resuscitation for Local Anesthetic and Other Toxic Overdoses	Guy Weinberg, M.D.	260-262
	RCL	PN	317	Improving Safety Through Use of Diagnostic Imaging and Image Guidance in Pain Medicine	James Rathmell, M.D.	La Nouvelle Ballroom AB
	PBLD	PI	L103	How to Create and Moderate a Great Problem Based Learning Discussion (PBLD)	Kirk Lalwani, M.D.	343-345
12:30-1:45 p.m.	PBLD	PD	L123	Cardiovascular Collapse During Thoracoscopic Tracheoesophageal Fistula Repair	Kimberly Blasius, M.D.	343-345
	PBLD	PI	L124	Do You Want to Present a PBLD at the 2015 ASA Meeting? This PBLD Session Could Help You	Sanjay Bhananker, M.B., B.S.	343-345
	PBLD	FA	L125	Can the Adult Patient With Morbid Obesity and Obstructive Sleep Apnea Safely Undergo Outpatient Surgery?	Kenneth Hiller, M.D.	343-345
	PBLD	PI	L126	How Not to End Up on the Nightly News: Safe Injection Practices	Vilma Joseph, M.D.	343-345
	PBLD	FA	L127	The Unanticipated Difficult Airway: A Dynamic and Dangerous Scenario	Lavinia Kolarczyk, M.D.	343-345
	PBLD	OB	L128	A Parturient With Scoliosis and Harrington Rods	Allison Lee, M.D.	343-345
	PBLD	OB	L129	Anesthetic Considerations for the Jehovah's Witness Patient Undergoing Trial of Labor After Cesarean Delivery (TOLAC)	Chawla LaToya Mason, M.D.	343-345
	PBLD	FA	L130	I Swear It Will Only Take 15 Minutes: Anesthesia/Sedation for TEE/ Cardioversion	Julia Metzner, M.D.	343-345
	PBLD	FA	L131	Blood IS Thicker Than Water: Anesthetic Concerns of Hypercoagulability	Gregory Rose, M.D.	343-345
	PBLD	AM	L132	A Slip and Fall in the Post Warfarin Era	Mercy Udoji, M.D.	343-345
	PBLD	PI	L134	Anesthesiologists and Terminal Live Organ Donation: You Want Me to Do What?	Richard Wolman, M.D., M.A.	343-345
	PBLD	PD	L135	Using Advanced Trauma Life Support to Manage a Pediatric Trauma Patient With Traumatic Brain Injury and Disclosure of Difficult News After a Poor Outcome	David Young, M.D., M.Ed	343-345
12:30-2:30 p.m.	120-Minute Panel	PI	PN24	Milestones: Setting a High Bar or Barely Clearing the Hurdle?	Randall Schell, M.D., M.Ed.	203-205
1-2:30 p.m.	90-Minute Panel	CA	PN67	Understanding the Role of Anemia on Patient Outcomes: An Innocent Bystander?	Colleen Koch, M.D., M.S., M.B.A.	208-210
	90-Minute Panel	CC	PN68	Quality Improvement in Critical Care	Gregory Botz, M.D.	217-219
	90-Minute Panel	PN	PN69	Management of Chronic Pain: A Review of Treatment Modalities	Magdalena Anitescu, M.D.	220-222
	90-Minute Panel	NA	PN70	Life-Death Transition	George Mashour, M.D., Ph.D.	225-227
	90-Minute Panel	PD	PN71	TIVA for TOTS	Zulfiqar Ahmed, M.D., F.A.A.P	228-230
	90-Minute Panel	FA	PN72	Morbid and Ultra Obesity: Growing Challenge in Anesthesiology	Ashish Sinha, M.D., Ph.D.	252-254
	90-Minute Panel	FA	PN73	How Do We Decide When Not to Operate? Facing Challenges in Surgical Decision-Making for Older Adults	Mark Neuman, M.D., M.Sc.	255-257
	Clinical Forum	PD	CF10	Anesthetic Safety in Newborns Can Be Achieved by Sticking to Little Details	Susan Verghese, M.D.	206-207
	Point-Counterpoint	FA	PC11	Computer-Assisted Personalized Sedation (CAPS) - Is the Coming Technology of CAPS a Friend or Foe?	Walter Maurer, M.D.	211-213

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	MCCS		MCC11	Medically Challenging Case Presentations		Hall B1
	Oral Presentations	FA	OR02-1	Anesthetic Action and Biochemistry: Off Target Effects of Anesthetics to Improve Patient Safety		231-232
	Oral Presentations	NA	OR10-2	Experimental Neurosciences		238-239
	Oral Presentations	PI	OR11-2	History and Education: How Do Know What We Teach		245
	Oral Presentations	PI	OR14-3	Patient Safety and Practice Management		243
	Poster Discussions	PN	PD03-2	Chronic and Cancer Pain		244
1-3 p.m.	Poster Presentations	CA	PO04-3	Clinical Circulation: Physiology/Pharmacology		Hall B1-Area E
	Poster Presentations	CC	PO06-2	Critical Care		Hall B1-Area D
	Poster Presentations	FA	PO07-1	Drug Disposition, Metabolism and Elimination		Hall B1-Area A
	Poster Presentations	CA	PO09-1	Experimental Circulation		Hall B1-Area C
	Poster Presentations	RA	PO16-3	Regional Anesthesia and Acute Pain: Basic sciences		Hall B1-Area B
1-4 p.m.	Hands-on Workshop	FA	826	Wire-Guided Airway Management	Richard Galgon, M.D.	333-334
	Hands-on Workshop	CA	827	Advanced TEE Workshop	Sajid Shahul, M.D., M.PH.	338-339
	Seminar	PI	829	Physician Performance Assessment and Improvement: Practice Its Power for Your Own Practice	Leslie Jameson, M.D.	356-357
	Hands-on Workshop	FA	824B	Difficult Airway Workshop With Simulation	Allan Reed, M.D.	353-355
UGRA	Hands-on Workshop	RA	828A	Peripheral Nerve Blocks: Ultrasound, Simulation and Stimulation	Andrew Rosenberg, M.D.	352
1-4:30 p.m.	Hands-on Workshop	CC	819B	Perioperative ACLS Simulation Workshop	Matthew McEvoy, M.D.	281
1-5 p.m.	Cadaver Workshops	RA	CA06	Comprehensive Anatomy-Live Model Ultrasound for Regional Anesthesia	Carlo Franco, M.D.	271-273
1:45-2:45 p.m.	RCL	FA	318	How to Establish a Perioperative Surgical Home in Your Institution	Zeev Kain, M.D., M.B.A.	RiverGate
	RCL	PN	319	Interventional Pain Procedures in Patients on Anticoagulants	Honorio Benzon M. D.	E-1
	RCL	AM	320	Malignant Hyperthermia in the Ambulatory Setting	Ronald Litman, D.O.	E-2
	RCL	FA	321	My Pharmacy Is Out of Fentanyl, What Do I Do Now? Rational Perioperative Opioid Substitutions	Dhanesh Gupta, M.D.	E-3
	RCL	RA	322	Lower Extremity Nerve Blocks: Update	Admir Hadzic, M.D., Ph.D.	260-262
	RCL	CC	323	Controversies and Best Practices in Central Line Insertion	Avery Tung, M.D., F.C.C.M.	La Nouvelle Ballroom AB
2-3 p.m.	Featured Lecture	FA	SPE16	FAER Honorary Research Lecture: The Clinical Neuroscience of Anesthesia: Research Education and Patient Care	Emery Brown, M.D., Ph.D.	Great Hall B
2-4 p.m.	Featured Lecture	FA	SPE17	Patrick Sim Forum: An Afternoon With the WLM Laureates of the History of Anesthesia	David Waisel, M.D.	265-268
3-4 p.m.	RCL	PN	324	Algorithmic Approach to Back Pain	Nagy Mekhail, M.D., Ph.D.	RiverGate
UGRA	RCL	AM	325	Ultrasound Guided Regional Anesthesia for Ambulatory Surgery	Meg Rosenblatt, M.D.	E-1
	RCL	RA	326	Multimodal Analgesics for Perioperative Pain Control	May Chin, M.D.	E-2

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	RCL	FA	327	Top 10 Respiratory Anesthesia Practices That Drive Me Crazy	David Warner, M.D.	E-3
	RCL	PD	328	Airway Management in Pediatric Emergencies: The Tricks of the Trade	Paul Reynolds, M.D.	260-262
	RCL	FA	329	Hazards of the Anesthesia Workstation	James Eisenkraft, M.D.	La Nouvelle Ballroom AB
3-4:30 p.m. E	Clinical Forum	PI	CF11	What Should You Do When You Don't Think the Patient Should Have Surgery at All?	Nancy Glass, M.D., M.B.A.	206-207
	Point-Counterpoint	PN	PC12	Should We Discontinue the Use of Opioids for the Treatment of Chronic Pain?	Rafael Miguel, M.D., Oscar De Leon Casasola, M.D.	203-205
	Point-Counterpoint	CA	PC13	Current Controversies in Cardiac Anesthesia	Gregory Janelle, M.D., F.A.S.E.	211-213
	MCCS		MCC12	Medically Challenging Case Presentations		Hall B1
	Oral Presentations	FA	OR07-1	Drug Disposition, Metabolism and Elimination		245
	Oral Presentations	NA	OR10-1	Experimental Neurosciences: Mechanisms		243
	Oral Presentations	RA	OR16-1	Regional Anesthesia and Acute Pain		231-232
3-5 p.m.	Featured Lecture	FA	SPE18	FAER Panel: Future of Anesthesiology Research	Zeljko Bosnjak, Ph.D.	Great Hall B
3:30-4:45 p.m.	PBLD	CA	L136	Descending Thoracic Aortic Repair - Spinal Cord Protection Strategies	Harendra Arora, M.D.	343-345
	PBLD	NA	L137	An Acute Ischemic Stroke Coming to Your Neuroangiography Suite	Rafi Avitsian, M.D.	343-345
	PBLD	PI	L138	Infection Prevention for the Anesthesia Professional: What is the Least I Should Know and How Do I Apply It to My Practice?	Richard Beers, M.D.	343-345
	PBLD	PI	L139	Creating a Culture of Professionalism in Your Department	Sandra Curry, M.D.	343-345
	PBLD	CC	L141	Management of Co-Intoxications in the ICU Patient	Robert Gould, M.D.	343-345
	PBLD	AM	L142	Perioperative Anesthetic Issues for Ambulatory Surgery	Dean Jones, M.D.	343-345
	PBLD	RA	L143	Tough Choices: Regional or General Anesthesia in a Very Elderly Patient	Jason Lane, M.D., M.PH.	343-345
	PBLD	PI	L144	He's 15 Needs This Operation and He's DNR!	David Mann, M.D.	343-345
	PBLD	NA	L145	Deep Brain Stimulation for Parkinson's Disease: What Is the Role of the Anesthesiologist?	Julia Metzner, M.D.	343-345
	PBLD	FA	L146	Cardiopulmonary Collapse During Laparoscopic Nissen Fundoplication	Govind Rajan, M.B., B.S.	343-345
	PBLD	OB	L147	Critical Management of a Parturient With Influenza Progressing to ARDS	Vernon Ross, M.D.	343-345
	PBLD	OB	L148	A Parturient Presenting in Premature Labor With Single-Ventricle Physiology Complicated by Breech Presentation and Paroxysmal Supraventricular Tachycardia: What's Your Labor Management Plan?	Manuel Vallejo, M.D., D.M.D.	343-345
	PBLD	OB	L187	Neurologic Complications Following Epidural Placement - How to Differentiate and Manage?	Kelly Elterman, M.D. David Hepner, M.D.	343-345
3:30-5 p.m.	90-Minute Panel	AM	PN74	Non-Operating Room Anesthesia: Techniques	Basavana Goudra, M.D., F.R.C.A., FCARCSI	208-210
	90-Minute Panel	CA	PN75	Guidelines for Blood Management - What Do They Tell Us?	C. Mazer, M.D.	217-219

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	90-Minute Panel	CC	PN76	Optimizing Perioperative Pulmonary Function	Steven Lisco, M.D.	220-222
	90-Minute Panel	OB	PN77	What Are They Doing and Why? Obstetrics for the Anesthesiologist	Barbara Scavone, M.D.	225-227
	90-Minute Panel	RA	PN78	Regional Anesthesia for Total Shoulder Arthroplasty: Outcomes, Complications, Techniques, and Use in Ambulatory Surgery	Maxim Eckmann, M.D.	228-230
	90-Minute Panel	PI	PN79	Physician Impairment: Incidence Identification and Intervention	Keith Berge, M.D.	252-254
	90-Minute Panel	RA	PN80	Regional Anesthesia Dilemmas Due to Medical Disease	Steven Clendenen, M.D.	255-257
4:15-5:15 p.m.	RCL	CC	330	Perioperative Delirium	Pratik Pandharipande, M.D.	RiverGate
	RCL	FA	331	Obesity and Anesthesia: Crossroads of a Challenge	Ashish Sinha, M.D., Ph.D.	E-1
E	RCL	PI	332	Advanced Teaching Skills for the Fast-Paced OR: How to Successfully Educate When Faced With High Clinical Workload, Lack of Protected Time, and Limited Funding?	Marek Brzezinski, M.D., Ph.D.	E-2
	RCL	CA	334	Heparin Sensitivity and Resistance: Management During Cardiopulmonary Bypass	Alan Finley, M.D.	260-262
E	RCL	PI	335	The Art and Science of Disclosing Unanticipated Outcomes to Patients: An Anesthesiologist's Perspective	Allen Gustin, M.D.	La Nouvelle Ballroom AB
5-6 p.m.	Featured Lecture	PI	SPE19	How Can FAER's New Education Mentorship Academy Help Anesthesiology Educators	Catherine Kuhn, M.D.	Great Hall B

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TUESDAY, OCT. 14						
Time	Session Type	Track	Fee Code	Title	Speaker	Location
7 a.m.-5 p.m.	Registration				Lobby A & D	
7 a.m.-5 p.m.	ASA Resource Center (Connection Center)				Convention Center, Hall B-1	
7 a.m.-5 p.m.	International Connection Lounge				Lobby A	
7-8:15 a.m.	Subspecialty Panels	CA	609	(SCA) Cardiac Anesthesia	Colleen Koch, M.D., M.S., M.B.A.	231-232
	Subspecialty Panels	PD	610	(SPA) The Child With Congenital Heart Disease Presenting for Non-Cardiac Surgery	Shobha Malviya, M.D.	238-239
7:15-8:30 a.m.	PBLD	FA	L149	Trauma Induced Coagulopathy	Maged Andrews, M.Sc., M.B. B.Ch.	343-345
	PBLD	NA	L150	An Acute Ischemic Stroke Coming to Your Neuroangiography Suite	Rafi Avitsian, M.D.	343-345
	PBLD	RA	L151	Postoperative Ulnar Neuropathy - Could I Have Done Something to Prevent It?	Sanjay Bhananker, M.B., B.S.	343-345
	PBLD	CC	L152	Transfusion Goals and Hemostatic Management of the Anticoagulated Trauma Patient: Can You Plug a Hole in the Dam?	Louanne Carabini, M.D.	343-345
	PBLD	FA	L153	Oh No! Both Arteries in My Neck Are Blocked! Now What?	Stanlies D'Souza, M.D., F.R.C.A	343-345
	PBLD	CC	L154	Management of Co-Intoxications in the ICU Patient	Robert Gould, M.D.	343-345
	PBLD	PI	L155	My Patient With a DNR Order Arrested in the OR! Now What?!	Juliann Hobbs, M.D., M.PH.	343-345
	PBLD	AM	L156	It's Just a Quick EGD in the Office...but Can I Safely Anesthetize My Patient Here?	Jeena Jacob, M.D.	343-345
	PBLD	OB	L158	A Parturient With Scoliosis and Harrington Rods	Allison Lee, M.D.	343-345
	PBLD	FA	L159	My Patients Never Have Residual Paralysis in the PACU, or Do They?	Stephan Thilen, M.D., M.S.	343-345
	PBLD	NA	L160	Awake Craniotomy in a Patient With Obstructive Sleep Apnea	Karl Willmann, M.D.	343-345
8-9 a.m.	RCL	PI	401	Compensation for Service - When the Revenues Don't Support the Expectations	Asa Lockhart, M.D., M.B.A.	RiverGate
	RCL	AM	402	The Geriatric Outpatient: Postoperative Cognitive Dysfunction and Other Concerns	Kathryn McGoldrick, M.D.	E-1
	RCL	OB	403	Neuraxial Labor Analgesia and Pregnancy Outcome: Fact and Fiction	Cynthia Wong, M.D.	E-2
PSH	RCL	RA	404	The Age of HCAHPS: The Need for Acute Pain Services Revisited	Michael Bottros, M.D.	E-3
	RCL	CA	405	The Pulmonary Artery Catheter in 2014: Past, Present, and Is There a Future?	Jonathan Mark, M.D.	260-262
	RCL	FA	406	ATLS Update: What Every Anesthesiologist Needs to Know...BEFORE Going to the OR!	Maureen McCunn, M.D., M.I.RP	La Nouvelle Ballroom AB
8-9:30 a.m.	90-Minute Panel	AM	PN81	Pediatric Ambulatory Challenges	Raafat Hannallah, M.D.	208-210
	90-Minute Panel	AM	PN82	Management of Patients at Risk of Sleep Apnea in Ambulatory Anesthesia	Matthias Eikermann, M.D., Ph.D.	217-219
	90-Minute Panel	FA	PN84	Beyond Smoke and Mirrors: Panel on Surgical Fire Prevention Including Laser Safety	Charles Cowles, M.D., M.B.A.	225-227
	90-Minute Panel	PI	PN85	What Is the Role of the Anesthesiologist Asked to Participate in a Procedure He/ She Believes Will Not Benefit the Patient?	Nicholas Sadovnikoff, M.D., F.C.C.M.	228-230
	90-Minute Panel	PI	PN86	Professionalism - Who Needs It? Why Professionalism Matters No Matter Where You Work	Sandra Curry, M.D.	252-254
	Clinical Forum	PD	CF12	In a Land Far Away From Home ... Remote Anesthetic Care for the Medically Complex Pediatric Patient	Inger Aliason, M.D.	206-207

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	Point-Counterpoint	CA	PC14	Volatile Anesthetics for Cardioprotection: Is Preconditioning a Bust?	Stefan De Hert, M.D.	203-205
	Point-Counterpoint	PI	PC15	Anesthesia Information Management Systems Should Be the Standard of Care for All Patients Receiving an Anesthetic	Joseph Szokol, M.D., J.D., M.B.A.	211-213
	Oral Presentations	FA	OR02-2	Anesthetic Action and Biochemistry: Emerging Anesthetics and Analgesics		245
	Oral Presentations	CC	OR06-2	Critical Care		244
	Oral Presentations	FA	OR13-5	Outcomes and Database Research - Blood & Transfusions		245
	Oral Presentations	PI	OR14-4	Patient Safety and Practice Management		244
	Poster Discussions	RA	PD16-2	Regional Anesthesia and Acute Pain		243
8-10 a.m.	Poster Presentations	NA	PO05-2	Clinical Neurosciences		Hall B1-Area E
	Poster Presentations	CA	PO09-2	Experimental Circulation		Hall B1-Area C
	Poster Presentations	FA	PO13-6	Outcomes and Database Research		Hall B1-Area A
	Poster Presentations	PI	PO14-4	Patient Safety and Practice Management		Hall B1-Area B
	Featured Lecture	PN	SPE20	Reduce Compliance Risks With Opioid Prescribing	John Dombrowski, M.D.	Great Hall B
8-11 a.m.	Featured Lecture		SPE21	Journal Symposium: How to Mechanically Ventilate Patients in the Operating Room in 2014	Jeanine Wiener-Kronish, M.D.	275-277
	Hands-on Workshop	PD	832	Point of Care: Novel Use of Ultrasonography in Everyday Pediatric Anesthesia Practice	Santhanam Suresh, M.D.	Room 353-354
UGRA	Hands-on Workshop	RA	828B	Peripheral Nerve Blocks: Ultrasound, Simulation and Stimulation	Andrew Rosenberg, M.D.	Room 352
	Hands-on Workshop	FA	831A	The Use of Ultrasound for Vascular Access in Adults and Pediatrics	Ehab Farag, M.D., F.R.C.A.	338-339
	Hands-on Workshop	CA	833A	Thoracic Anesthesia Workshop	Edmond Cohen, M.D.	356-357
8-11:30 a.m.	Hands-on Workshop	CC	830A	Perioperative ACLS Simulation Workshop	Matthew McEvoy, M.D.	Room 281
9-10:15 a.m.	PBLD	CA	L161	Descending Thoracic Aortic Repair - Spinal Cord Protection Strategies	Harendra Arora, M.D.	343-345
	PBLD	FA	L162	Beyond Swiss Cheese - Cases for the Anesthesia Patient Safety Officer	Jonathan Cohen, M.D.	343-345
	PBLD	PD	L163	Wake Up Your Surgery Is Not Over	Prabhakar Devavaram, M.B.B.S	343-345
	PBLD	CC	L164	Management of Severe ARDS in the ICU With ECMO	Jacob Gutsche, M.D.	343-345
	PBLD	FA	L165	Malignant Hyperthermia in a Child Having a Tethered Cord Release	Tae Kim, M.D.	343-345
	PBLD	RA	L166	Antifibrinolytic Use in Major Orthopedic Procedures: What's the Bloody Controversy?	Yan Lai, M.D.	343-345
	PBLD	OB	L167	She was Advised Not to Get Pregnant and She Did: Pulmonary Hypertension and Pregnancy	TanyaLucas, M.D.	343-345
	PBLD	RA	L168	Thoracic Epidural Analgesia in the Recently Anticoagulated Patient: Is This a Good Idea?	Anuj Malhotra, M.D.	343-345
	PBLD	FA	L169	Cardiopulmonary Collapse During Laparoscopic Nissen Fundoplication	Govind Rajan, M.B., B.S.	343-345
	PBLD	PI	L170	The Impaired Anesthesiologist: More Than Just Drugs and Alcohol	Gregory Rose, M.D.	343-345

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	PBLD	AM	L171	A Slip and Fall in the Post Warfarin Era	Mercy Udoji, M.D.	343-345
	PBLD	OB	L172	A Parturient Presenting in Premature Labor With Single-Ventricle Physiology Complicated by Breech Presentation and Paroxysmal Supraventricular Tachycardia: What's Your Labor Management Plan?	Manuel Vallejo, M.D., D.M.D.	343-345
9:15-10:15 a.m.	RCL	RA	407	Virtual Cadaver Lab - Anatomy Pearls in Regional Anesthesia to Improve Clinical Success	David Auyong, M.D.	RiverGate
	RCL	OB	408	Strategies to Optimize Cesarean Delivery Analgesia	Brendan Carvalho, F.R.C.A.	E-1
	RCL	PD	409	Acute Postoperative Pain Management in Infants and Children: Size Does Matter!	Patrick Birmingham, M.D.	E-2
	RCL	CA	410	Patient Safety in the Cardiac Operating Room: What Can, Will and Might Make Patients Safer and You Happier	James Abernathy, III, M.D., M.PH.	E-3
	RCL	FA	411	Anesthetics and the Brain - Less Mysterious Than You May Think	Misha Perouansky, M.D.	260-262
	RCL	PI	412	Safety and Human Factors in Anesthetic Practice	Keith Ruskin, M.D.	La Nouvelle Ballroom AB
10-11:30 a.m.	90-Minute Panel	RA	PN83	Acute Pain Management in the Patient With Opioid Tolerance Dependence or Addiction	David Provenzano, M.D.	252-254
	90-Minute Panel	CC	PN87	Fluid Administration During the Perioperative Period: Does It Make a Difference What and How Much You Give?	Matthias Jacob, M.D., Ph.D.	208-210
	90-Minute Panel	NA	PN88	Sleeping and Waking Is Hard to Do: Mechanisms of Induction and Emergence From General Anesthesia	Peter Goldstein, M.D.	220-222
	90-Minute Panel	PI	PN89	Clean Versus Green: Are Optimized Patient Care and Community Health/ Safety Initiatives Mutually Exclusive?	Brian Rothman, M.D.	225-227
	90-Minute Panel	FA	PN90	Clinical Pearls: Anesthesia for Adult ENT Surgery	Basem Abdelmalak, M.D.	228-230
	Clinical Forum	PI	CF13	Controversial Cases in Organ Donation and End-of-Life Care: Terminal Live Organ Donation and the Sale of Human Organs	Richard Wolman, M.D., M.A.	206-207
	Point-Counterpoint	CC	PC16	Can Post-Operative Delirium Really Be Managed?	Pratik Pandharipande, M.D.	203-205
	Point-Counterpoint	RA	PC17	Should I Be Using More Than One Local Anesthetic Additive During Peripheral Nerve Blockade?	Anahi Perlas, M.D.	211-213
	Oral Presentations	FA	OR13-4	Outcomes and Database Research - Airway & Sleep Apnea		245
	Poster Discussions	CA	PD04-1	Clinical Circulation: Echo		243
	Poster Discussions	NA	PD10-1	Experimental Neurosciences: Neurotoxicity		243
	Poster Discussions	PD	PD15-3	Pediatric Anesthesia: General		244
10 a.m.-12 p.m.	Featured Lecture		SPE28	AQI Listening Session	Richard P. Dutton, M.D., M.B.A.	223
	120-Minute Panel	RA	PN25	ASRA Practice Advisories: Review and Update	Terese Horlocker, M.D.	217-219
	Poster Presentations	CC	P006-3	Critical Care		Hall B1-Area D
	Poster Presentations	FA	P007-2	Drug Disposition, Metabolism and Elimination		Hall B1-Area A
	Poster Presentations	NA	P010-4	Experimental Neurosciences: Inflammation, Cognitive Dysfunction and Neuroprotection		Hall B1-Area E
	Poster Presentations	OB	P012-1	Obstetric Anesthesia: Cesarean Delivery		Hall B1-Area C

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	Poster Presentations	RA	PO16-5	Regional Anesthesia and Acute Pain		Hall B1-Area B
10:30-11:30 a.m.	Featured Lecture	PN	SPE22	John W. Severinghaus Lecture on Translational Science: Basic Science to Clinical Practice: The Tale of Long-Acting Opioids	Evan Kharasch, M.D., Ph.D.	Great Hall AD
11:45 a.m.-12:45 p.m.	RCL	PI	413	Mindfulness in Anesthesia: A Safety and Satisfaction Initiative	Neil Farber, M.D., Ph.D.	RiverGate
	RCL	OB	414	Improving Patient Safety on the Labor and Delivery Suite through Changes in Culture, Education, and Communication	David Birnbach, M.D., M.PH.	E-1
	RCL	RA	415	Continuous Peripheral Nerve Blocks in 2014: Techniques, Management, Benefits, and Avoiding Complications	Brian Ilfeld, M.D., M.S.	E-2
	RCL	FA	416	Anesthesia for Head and Neck Surgery	David Healy, M.D., M.R.C.P., F.R.C.A.	E-3
PSH	RCL	FA	417	Preoperative Identification, Evaluation, and Optimization of the Highest Risk Patients	Bobbie Jean Sweitzer, M.D.	260-262
	RCL	CA	418	TEE for the Occasional Cardiac Anesthesiologist	Michael Cahalan, M.D.	La Nouvelle Ballroom AB
12:30-1:45 p.m.	PBLD	FA	L099	Perioperative Laboratory and Cardiac Testing: What is Necessary?	David Hepner, M.D.	343-345
	PBLD	OB	L173	Cesarean Delivery in a Patient With Hypertrophic Obstructive Cardiomyopathy	Jaime Aaronson, M.D. Stephanie Goodman, M.D.	343-345
	PBLD	RA	L174	Perioperative Management of the Patient on Anticoagulant Therapy: A Fresh Look at an Old Problem	Richard Beers, M.D.	343-345
	PBLD	FA	L175	Management of Antiplatelet Therapy in Patients With Coronary Stents for Noncardiac Surgery	Davide Cattano, M.D., Ph.D.	343-345
	PBLD	NA	L176	Just Another Subarachnoid Hemorrhage? Or Am I Really Up-to-date on What to Do?	Eduardo Galeano, M.D.	343-345
	PBLD	PD	L177	Trials and Tribulations: Interventional Management for Recurrent Complex Regional Pain Syndrome in Children	Stephen Hays, M.D.	343-345
	PBLD	PI	L178	How to Create and Moderate a Great Problem Based Learning Discussion (PBLD)	Kirk Lalwani, M.D.	343-345
	PBLD	RA	L179	Tough Choices: Regional or General Anesthesia in a Very Elderly Patient	Jason Lane, M.D., M.PH.	343-345
	PBLD	CA	L180	Patient With a Failing Fontan for Emergency Exploratory Laparotomy	Galina Leyvi, M.D.	343-345
	PBLD	PI	L181	He's 15, Needs This Operation and He's DNR!	David Mann, M.D.	343-345
	PBLD	PD	L182	A Child With Mitochondrial Disease and Propofol Allergy Who May be Susceptible to Malignant Hyperthermia	Jayant Pratap, M.B., B.Ch.	343-345
	PBLD	FA	L183	Perioperative Management of the Anemic Patient	Russell Roberson, M.D.	343-345
12:40-1:50 p.m.	Featured Lecture	FA	SPE23	Lewis H. Wright Memorial Lecture	James Bagjan, M.D., PE	265-268
1-2 p.m.	RCL	PI	419	Five Years of the AqI: What Do We Know About Ourselves Now?	Richard Dutton, M.D., M.B.A.	RiverGate
	RCL	NA	420	Perioperative Management of Cerebrovascular Diseases	Adrian Gelb, M.B., B.Ch., FRCPC	E-1
	RCL	RA	421	Local Anesthetics: Mechanisms, Toxicities and Controversies From a Clinical Perspective	John Butterworth, M.D.	E-2
	RCL	CA	422	Massive Post-Cardiopulmonary Hemorrhage: A Rational Approach to Management	Edwin Avery, IV, M.D.	E-3

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E	RCL	PI	423	Do the Right Thing: Resolving Ethical Dilemmas in the OR	Sarah Smith, M.D.	260-262
	RCL	FA	424	Massive Transfusion Protocol in Trauma	Charles Smith, M.D.	La Nouvelle Ballroom AB
1-2:30 p.m.	90-Minute Panel	CC	PN91	The Evolving Goals of the ICU: Critical Care, Palliative Care, or Patient-Centered Care	Neal Cohen, M.D., M.PH.	217-219
	Clinical Forum	FA	CF14	Dogma and Controversies in Acute and Perioperative Burn Care	Sam Sharar, M.D.	206-207
	Point-Counterpoint	FA	PC18	Hypotensive Resuscitation	Joshua Tobin, M.D.	203-205
	Point-Counterpoint	PI	PC19	Simulation in Medical Education: Boon or Boondoggle?	Amanda Burden, M.D.	211-213
	Oral Presentations	CA	OR09-2	Experimental Circulation		244
	Poster Discussions	FA	PD17-1	Respiration-Upper Airway and Sleep Apnea		245
1-3 p.m. PSH	120-Minute Panel	PI	PN26	The Economics of the Perioperative Surgical Home; We Know Where We Are and Where We Want to Go, But How Do We Get There?	Peter Dunbar, M.B., Ch.B., M.B.A	208-210
	120-Minute Panel	AM	PN27	Novel Drugs in Ambulatory Practice. How Would They Change Your Practice?	Tong Gan, M.D.	220-222
	120-Minute Panel	CA	PN28	Percutaneous Approaches to Aortic and Mitral Pathology	Michael Fitzsimons, M.D.	225-227
	120-Minute Panel	PI	PN29	Everything You Need to Know About Lawsuits, But Didn't Know Whom to Ask	Aparna Ananth, M.D.	228-230
	120-Minute Panel	FA	PN30	Computer-Assisted Personalized Sedation (CAPS) - the Future of Moderate Sedation	Walter Maurer, M.D.	252-254
	120-Minute Panel	PD	PN31	Editor's Picks in Pediatric ANESTHESIOLOGY™ 2014	Constance Houck, M.D.	255-257
	Poster Presentations	FA	P002-2	Anesthetic Action and Biochemistry: Molecular Insights into Anesthetic Mechanism of Action, Safety and Toxicity		Hall B1-Area C
	Poster Presentations	CA	P004-4	Clinical Circulation: Blood/Coagulation		Hall B1-Area D
	Poster Presentations	FA	P008-4	Equipment, Monitoring and Engineering Technology: Anesthesia Depth and Eclectic Assortment of Cool Stuff		Hall B1-Area B
	Poster Presentations	FA	P013-4	Outcomes and Database Research		Hall B1-Area A
	Poster Presentations	PD	P015-4	Pediatric Anesthesia		Hall B1-Area E
	Featured Lecture		SPE24	Best of Abstracts: Clinical	James Rathmell, M.D.	275-277
1-4 p.m. UGRA	Hands-on Workshop	RA	828C	Peripheral Nerve Blocks: Ultrasound, Simulation and Stimulation	Andrew Rosenberg, M.D.	Room 352
	Hands-on Workshop	FA	831B	The Use of Ultrasound for Vascular Access in Adults and Pediatrics	Ehab Farag, M.D., F.R.C.A.	338-339
	Hands-on Workshop	CA	833B	Thoracic Anesthesia Workshop	Edmond Cohen, M.D.	356-357
1-4:30 p.m.	Hands-on Workshop	CC	830B	Perioperative ACLS Simulation Workshop	Matthew McEvoy, M.D.	Room 281
2-4 p.m.	Featured Lecture	PI	SPE25	History Panel - Show Me the Money: A Brief History of Remuneration in Anesthesiology	Douglas Bacon, M.D., M.A.	265-268
2:15-3:15 p.m.	RCL	PD	426	Anesthetic Management of Common Pediatric Emergencies	Franklyn Cladis, M.D.	E-1
	RCL	PN	427	Healthcare Reform and Pain Medicine -Impact and Strategies for Future Success	Richard Rosenquist, M.D.	E-2
	RCL	FA	428	Strategies for Success in Anesthesia During One-Lung Ventilation	Gregory Fischer, M.D.	E-3
	RCL	CA	429	Update on Strategies for Blood Conservation and Hemostasis in Cardiac Surgery	C. Mazer, M.D.	260-262

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	RCL	FA	430	Electrical Safety in the Operating Room	Jeffrey Gross, M.D.	La Nouvelle Ballroom AB
2:15-4:15 p.m.	RCL	PI	425	Improving Patient Safety and Communication During Anesthesia and Surgery	Richard Cook, M.D.	RiverGate
3-4:30 p.m.	Point-Counterpoint	CC	PC20	Electronic Health Records Improve Patient Safety - or Do They?	David Feinstein, M.D.	203-205
	Poster Discussions	CC	PD06-1	Critical Care		243
	Poster Discussions	FA	PD08-4	Equipment, Monitoring and Engineering Technology: Advances in Noninvasive Monitoring		245
	Poster Discussions	OB	PD12-2	Obstetric Anesthesia: Labor Analgesia, Outcomes, Hemorrhage and Miscellaneous		244
3-5 p.m.	120-Minute Panel	FA	PN32	Creating the Safe Non-Operating Room Anesthesia (NORA) Experience	Brenda Gentz, M.D.	211-213
	Clinical Forum	NA	CF15	You Want to Test What?: Anesthetic Challenges During Functional Neurosurgery	Antoun Koht, M.D.	206-207
3:30-4:30 p.m.	RCL	FA	431	Trauma Anesthesia and Operative Resuscitation	Joshua Tobin, M.D.	E-1
	RCL	FA	432	Different Strokes for Operative Folks: Prevention of the Perioperative Cerebrovascular Accident	Georgte Williams, II, M.D.	E-2
PSH	RCL	FA	433	Current Controversies of Perioperative Fluid Management	Roman Dudaryk, M.D.	E-3
3:30-4:45 p.m.	PBLD	FA	L184	Help! My Patient Is on a Multi-Chemotherapeutic Regimen and Is Coming for a Laparotomy! What Do I Need to Know?	Anoushka Afonso, M.D.	343-345
	PBLD	PD	L185	Cardiovascular Collapse During Thoracoscopic Tracheoesophageal Fistula Repair	Kimberly Blasius, M.D.	343-345
	PBLD	NA	L186	Crisis in the Neuro-Muscular Junction. Anesthetic Implications	Cristina Barboi, M.D.	343-345
	PBLD	FA	L188	A Patient With End-Stage Liver Disease for Elective Surgery	Christopher Darling, D.O. Michael Hannaman, M.D.	343-345
	PBLD	FA	L189	Can the Adult Patient With Morbid Obesity and Obstructive Sleep Apnea Safely Undergo Outpatient Surgery?	Kenneth Hiller, M.D.	343-345
	PBLD	PI	L190	Giving Feedback: How to Support the Defensive Learner	Yulialvashkov, M.D.	343-345
	PBLD	PI	L191	How Not to End Up on the Nightly News: Safe Injection Practices	Vilma Joseph, M.D.	343-345
	PBLD	RA	L192	A 40-Year -Old Woman With Multiple Sclerosis Consulting for Postoperative Epidural Following Laparoscopic Converted to Open Colectomy	John Shepler, M.D. Kristopher Schroeder, M.D.	343-345
	PBLD	PD	L193	It Is Just a Nosebleed, Isn't It? Anesthetic Considerations for Unsuspected Pulmonary Hypertension	Shu-Ming Wang, M.D.	343-345
	PBLD	PD	L194	Using Advanced Trauma Life Support to Manage a Pediatric Trauma Patient With Traumatic Brain Injury and Disclosure of Difficult News After a Poor Outcome	David Young, M.D., M.Ed	343-345
3:30-5 p.m.	90-Minute Panel	CA	PN92	Perioperative 3D TEE: Innovative Imaging or Just Pretty Pictures?	Stanton Sherman, M.D., F.A.H.A., F.A.S.E.	208-210
	90-Minute Panel	FA	PN93	Sugammadex: Are We Finally There? Update on Unmet Medical Need Clinical Use in Europe and Regulatory Progress	Jonathan Jahr, M.D.	217-219
	90-Minute Panel	CC	PN94	Optimizing Perioperative Renal Function	Robert Sladen, M.B., Ch.B., F.C.C.M.	220-222
	90-Minute Panel	PI	PN95	Responding to Human Errors: The Good, the Bad, and the Ugly	Robert Lagasse, M.D.	225-227

AM Ambulatory Anesthesia	CA Cardiac Anesthesia	CC Critical Care Medicine	FA Fund. of Anesthesiology	NA Neuroanesthesia
OB Obstetric Anesthesia	PN Pain Medicine	PD Pediatric Anesthesia	PI Professional Issues	RA Regional Anesthesia and Acute Pain

	90-Minute Panel	AM	PN96	Identifying Triage Decisions in Ambulatory Anesthesia: Right Patient, Place, Technique and Time	Mary Ann Vann, M.D.	228-230
3:30-5:30 p.m.	120-Minute Panel	CC	PN33	Anesthesia for the Patient Too Sick for Anesthesia	Daniel Brown, M.D., Ph.D.	252-254
WEDNESDAY, OCT. 15						
Time	Session Type	Track	Fee Code	Title	Speaker	Location
7 a.m.-12 p.m.	Registration				Lobby A & D	
8-9 a.m.	RCL	CC	501	Emergent Airway Management: Tips, Tricks, and Evidence	Aaron Joffe, D.O.	E-1
	RCL	CA	502	Postoperative Acute Kidney Injury in Cardiac Surgery	Madhav Swaminathan, M.D.	E-2
	RCL	FA	503	Recent Advances in Perioperative Fluid Management and the Patients' Outcomes	Ehab Farag, M.D., F.R.C.A.	E-3
8-9:30 a.m.	90-Minute Panel	CA	PN100	Protecting the Lung During Cardiac Surgery: An Interdisciplinary Approach	Eric Nelson, D.O.	208-210
	90-Minute Panel	AM	PN97	Challenges in Ambulatory Out-of-OR Anesthesia Practice	Radha Arunkumar, M.B., B.S., M.D.	208-210
	90-Minute Panel	CC	PN98	FFP: A Critical Appraisal in 2014	Aryeh Shander, M.D.	217-219
PSH	90-Minute Panel	FA	PN99	Big Data, Big Opportunity: Anesthesiology 2.0	Jesse Ehrenfeld, M.D., M.RH.	220-222
	Poster Discussions	FA	PD08-3	Equipment, Monitoring and Engineering Technology: Monitoring Sedation and Cerebral Effects of Anesthesia		243
	Oral Presentations	FA	OR13-5	Outcomes and Database Research - Blood & Transfusions		245
	Oral Presentations	PI	OR14-4	Patient Safety and Practice Management		244
8-10 a.m.	120-Minute Panel	FA	PN34	Aortic Surgery in the 21st Century	Rae Allain, M.D.	228-230
	120-Minute Panel	PI	PN35	Grading the Graders - How Do We Get to Better Performance Measures?	Laurent Gance, M.D.	252-254
	120-Minute Panel	RA	PN36	Regional Anesthesia Adjuncts: Helpful or Harmful?	Brian Williams, M.D., M.B.A.	255-257
8 a.m.-12 p.m.	House of Delegates		SPE26	House of Delegates: Session II	Jane C.K. Fitch, M.D.	Grand Ballroom, Hilton Riverside
9:15-10:15 a.m.	RCL	CC	504	Perioperative Renal Protection	Michael Hutchens, M.D.	E-1
	RCL	RA	505	Perioperative Analgesia and Effect on Patient Outcomes	Spencer Liu, M.D.	E-2
10-11:30 a.m.	Poster Discussions	NA	PD05-1	Clinical Neurosciences: Intraoperative Monitoring		245
	Poster Discussions	RA	PD16-3	Regional Anesthesia and Acute Pain		244

AM Ambulatory Anesthesia	CA Cardiac Anesthesia	CC Critical Care Medicine	FA Fund. of Anesthesiology	NA Neuroanesthesia
OB Obstetric Anesthesia	PN Pain Medicine	PD Pediatric Anesthesia	PI Professional Issues	RA Regional Anesthesia and Acute Pain

Ambulatory Anesthesia

Saturday, October 11

Problem-Based Learning Discussions | L009
Perioperative Anesthetic Issues for Ambulatory Surgery
 7:15-8:30 a.m. | Room 343-345
 Dean Jones, M.D., FRCP

Refresher Course Lecture | 102
Current Controversies in Adult Outpatient Anesthesia
 8-9 a.m. | Room E-1
 Jeffrey Apfelbaum, M.D.

This presentation will involve a discussion of areas of current controversy in ambulatory anesthesia and suggestions on resolution. In the past, topics have included breaking news such as changes to the CMS Interpretative Guidelines, drug shortages, the use of computer assisted personalized sedation, and acute changes to standards from accrediting bodies.

Problem-Based Learning Discussions | L021
It's Just a Cataract: How a Simple Thing Can Go Bad
 9-10:15 a.m. | Room 343-345
 Michael Pilla, M.D.

Problem-Based Learning Discussions | L032
PONV, PDNV and Long QT Syndrome: Balancing Risk and Benefit
 12:30-1:45 p.m. | Room 343-345
 Anuj Malhotra, M.D.

Clinical Forum | CF01
Pediatric Ambulatory Anesthesia: Clinical Forum
 1-2:30 p.m. | Room 206-207
 Lucinda Everett M.D.
 This forum will explore topics related to pediatric ambulatory anesthesia in the O.R. and beyond. Topics include the former premature infant, airway issues, sleep apnea, anesthetic considerations for MRI, anesthetic implications of GI diseases, and cardiac dysrhythmias. **T. Anderson M.D., Ph.D., Sally Rampersad M.B., FRCA, Joshua Uffman, M.D.**

120 Minute Panel | PN08
Anesthesia and Sedation for MRI: Adapting to Technological Advances and Demands
 1-3 p.m. | Room 255-257
 Keira Mason M.D.
 Safety and the American Society of Anesthesiologist Practice Advisory
 In clinical use for approximately 20 years, MRI is an emerging and developing area of growth. Not only limited to diagnostic imaging, MRI is a modality which is now being incorporated into the operating room. As the MRI technology advances and the imaging techniques and exams become more complex, the demands on the anesthesiologist can become equally challenging. The anesthesiologist must understand the American College of Radiology and American Society of Anesthesiologists guidelines and recommendations regarding both MRI safety and the delivery of anesthesia and sedation in the MRI environment. Emergency preparedness is critical in this off-site and often, remote location. A thorough understanding of the MRI environment and the imaging requirements needed for the complex imaging studies of the airway, heart and brain are critical to providing safe anesthesia care for obtaining quality imaging.
Dean Andropoulos, M.D., Tackling the Challenge of Anesthesia for Cardiac Imaging, Mohamed Mahmoud, M.B.,B.Ch., Anesthesia Considerations for Dynamic Airway Imaging, Anthony Absalom, M.D., Keeping the Brain Intact for Functional Imaging, Craig McClain, M.D., Keeping it Safe in the MRI Operating Room

Poster Presentations | P001-1
Ambulatory Anesthesia: Risk Factors, Outcomes and Recovery
 1-3 p.m. | Hall B1-Area A

Hands-on Workshop | 810
Must Know Blocks for Ambulatory Anesthesia
 1-4 p.m. | Room 265-268
 David Auyong M.D.
 Clinical Tips for Ultrasound Success in Ambulatory Surgery
 This workshop will consist of an initial lecture that includes 7 clinical keys for success with ultrasound, out-of-plane ultrasound technique, and a 3-step process for ultrasound guided in-plane needle visualization. We will then discuss appropriate nerve blocks for specific surgeries, especially in the context of ambulatory anesthesia. Next, the participants will rotate through 5 different ultrasound stations covering the upper extremity, lower extremity, and truncal nerve blocks. Specific nerve blocks that will be covered include interscalene, supraclavicular, infraclavicular, axillary, femoral, adductor canal, saphenous, popliteal sciatic, transversus abdominis plane (TAP), rectus sheath, and paravertebral. We will have available two stations for open scanning to provide additional hands-on practice with experts in ambulatory nerve blocks.
James Benonis M.D., Christina DeLucca M.D., Ryan Derby M.D., M.P.H., Jeffrey Gonzales, M.D., Stuart Grant, M.D., Neil Hanson, M.D., David Hardman M.D., Raymond Joseph, M.D., David MacLeod, M.D., Gavin Martin M.B.,Ch.B., Ryan Nagy, M.D., Kristie Osteen, M.D., Leslie Thomas, M.D., Lisa Warren M.D.

Problem-Based Learning Discussions | L038
Is Ambulatory Shoulder Surgery Safe in a Patient With Obstructive Sleep Apnea?
 3:30-4:45 p.m. | Room 343-345
 Christopher Canlas M.D.

90 Minute Panel | PN43
Advanced Diagnostic Bronchoscopy: Coming Soon to an ASC near You
 3:30-5 p.m. | Room 208-210
 Basem Abdelmalak M.D.
 Advanced Diagnostic Bronchoscopy: Anesthetic Considerations and Techniques
 There is an increasing demand for anesthesia services in connection with the ever increasing use of interventional pulmonology for mediastinal staging, biopsy, and diagnosis of central and peripheral lung lesions. These procedures are performed using endobronchial ultrasound bronchoscopy (EBUS) and electromagnetic navigation bronchoscopy(ENB). Both of these techniques are typically outpatient procedures, and as a result of pulmonologists' increasing levels of experience and familiarity with them, they are being performed more often at out of the operating room bronchoscopy suites as well as ambulatory surgery centers. The patients who present for these procedures represent a challenge for anesthesiologists, who must simultaneously consider the severity of patients' lung disease and comorbidities. Other complicating factors may stem from the nature of the procedure, as anesthesiologists must share the patient's airway with pulmonologists; the dynamic nature of the procedure; the airway choice; and the ventilation mode used to accommodate these procedures. This panel will discuss the above issues with the goal of improving awareness, knowledge, and patient safety. **Thomas Gildea M.D., Advanced Diagnostic Bronchoscopy: Procedures, Mona Sarkiss M.D., Advanced Diagnostic Bronchoscopy: Complications**

Sunday, October 12

Subspecialty Panels | 605 (SAMBA) TIVA in 2014

7-8:15 a.m. | Room 238-239

Steven Butz M.D.

Learn why TIVA has become such a popular way of administering a general anesthetic. In this panel, we will be reviewing the benefits of TIVA as well as recipes that have been successful. There will be particular emphasis on ketamine and a case-study review of appropriate use for all the IV drugs and settings. **Richard Urman M.D., M.B.A., TIVA: The Evolution of General Anesthesia, David Dickerson M.D., TIVA and Ketamine, Niraja Rajan M.B., TIVA in the Real World**

Problem-Based Learning Discussions | L056

It's Just a Cataract: How a Simple Thing Can Go Bad

7:15-8:30 a.m. | Room 343-345

Michael Pilla M.D.

Refresher Course Lecture | 205

Anesthesia for Outpatient Diagnostic and Therapeutic Radiology

8-9:00 a.m. | Room 260-262

Thomas Cutter M.D.

This RCL will cover various contrast formulations and how to best manage the patient receiving them. It will include the hazards to the patient and the provider in the MRI suites. It will review radiation exposure in the the radiology suite and include recommendations to minimize them. It will provide anesthetic techniques for functional brain imaging studies and ambulatory interventional radiology procedures.

Refresher Course Lecture | 213

Adult Patient With Morbid Obesity and OSA for Ambulatory Surgery: An Update

10:30-11:30 a.m. | RiverGate

Girish Joshi M.B.B.S., M.D., FFARCSI

This refresher course lecture will provide an update on the management of morbidly obese patients with obstructive sleep apnea, a patient population that is increasing significantly. In addition, to recent publications, the new ASA recommendations for selection of patients with OSA will be presented.

Clinical Forum | CF06

Ambulatory Non-Operating Room Anesthesia (NORA): It Ain't That Simple

1-2:30 p.m. | Room 206-207

Thomas Cutter M.D.

This forum will discuss the management and concerns for ambulatory patients having minor procedures outside of the operating room. **Magdalena Anitescu M.D., NORA for the Pain Clinic, Meghan E. Rodes, M.D., NORA for IR, Loreta Grecu M.D. NORA for the EP Lab**

Refresher Course Lecture | 227

Effective Management of Pain, PONV and Common Adverse Effects in Ambulatory Surgical Patients

1:45-2:45 p.m. | Room 260-262

Tong Gan M.D.

This refresher course will describe the common postoperative complications following ambulatory surgery, identify the risk factors, evaluate the pharmacological and non pharmacological modalities for management of pain and PONV and recommend effective management strategies.

Oral Presentations | OR01-2

Ambulatory Anesthesia: Ambulatory Anesthesia Practice and Outcomes

3-4:30 p.m. | Room 245

Problem-Based Learning Discussions | L090

It's Just a Quick EGD in the Office...but Can I Safely Anesthetize My Patient Here?

3:30-4:45 p.m. | Room 343-345

Jeena Jacob M.D.

90 Minute Panel | PN60

Crisis Management in Office-Based Anesthesia

3:30-5 p.m. | Room 208-210

Michael Walsh M.D.

Leak Patient Fires in Office-Based Surgery: Prevention and Treatment

This panel will focus on three crisis scenarios in office based anesthesia; malignant hyperthermia, local anesthesia toxicity, and OR fires. Risks factors, preventative strategies and emergency management will be discussed. **Andrew Herlich D.M.D., M.D., F.A.A.P., Malignant Hyperthermia in Office Based Anesthesia: Managing a Crisis, John Dilger M.D. Cosmetic Surgery, Liposuction and Local Anesthetic Toxicity**

90 Minute Panel | PN63

Ambulatory Surgery Airway Challenges

3:30-5 p.m. | Room 225-227

Raafat Hannallah M.D.

This panel will provide a practical approach to the implementation of the updated difficult airway algorithm in adults and children. Addressed will be methods of handling unanticipated difficult airway cases and/or failed intubations in a free-standing surgery center environment. An overview of the newer airway devices that may be available for rescue in the ambulatory surgery setting will be presented. **Girish Joshi, M.D., Adults with Unanticipated Difficult Airways, Jennifer Anderson M.D., Children with Unanticipated Difficult Airways, Ashutosh Wali M.D. Newer Airway Devices in the Ambulatory Surgery Setting**

Monday, October 13

Problem-Based Learning Discussions | L105

PONV, PDNV and Long QT Syndrome: Balancing Risk and Benefit

7:15-8:30 a.m. | Room 343-345

Anuj Malhotra M.D.

Oral Presentations | OR01-1

Ambulatory Anesthesia: Anesthesia Outcomes, Delirium and Cognitive Dysfunction

8-9:30 a.m. | Room 243

Hands-on Workshop | 820

Ophthalmic Regional Anesthesia

8-11 a.m. | Room 333-334

Marc Feldman M.D., MHS

Orbital Needle Techniques

The workshop includes didactic lectures on ophthalmic regional anesthesia followed by hands-on sessions with models and anatomic specimens. **Steven Gayer M.D., M.B.A., Sub-Tenon's Anesthesia Techniques, Joseph Bayes M.D., Richard Rivers M.D., Ph.D.**

Problem-Based Learning Discussions | L112

Is Ambulatory Shoulder Surgery Safe in a Patient With Obstructive Sleep Apnea?

9-10:15 a.m. | Room 343-345

Christopher Canlas M.D.

Poster Presentations | P001-2**Ambulatory Anesthesia: Sedation, Pharmacokinetics and Recovery Outcomes**

10 a.m.-12 p.m. | Hall B1-Area E

Problem-Based Learning Discussions | L132**A Slip and Fall in the Post Warfarin Era**

12:30-1:45 p.m. | Room 343-345

Mercy Udoji M.D.

Refresher Course Lecture | 320**Malignant Hyperthermia in the Ambulatory Setting**

1:45-2:45 p.m. | Room E-2

Ronald Litman D.O.

This refresher course will review the basic mechanisms of MH, and detail the procedures involved with screening possible MH susceptible patients for ambulatory anesthesia, as well as describing the protocols when a patient develops MH in the ambulatory setting.

Refresher Course Lecture | 325**Ultrasound Guided Regional Anesthesia for Ambulatory Surgery**

3-4 p.m. | Room E-1

Meg Rosenblatt M.D.

This lecture will discuss the reasons for using us-guided regional anesthesia in an ambulatory based practice. It will describe the equipment prerequisites, teach 7+ blocks and their utilities as well as showing how to begin an ambulatory catheter program.

Problem-Based Learning Discussions | L142**Perioperative Anesthetic Issues for Ambulatory Surgery**

3:30-4:45 p.m. | Room 343-345

Dean Jones M.D., FRCP

90 Minute Panel | PN74**Non-Operating Room Anesthesia: Techniques**

3:30-5 p.m. | Room 208-210

Basavana Goudra M.D., FRCA, FCARCSI

Non-Operating Room Anesthesia: Techniques: Introduction
Non-operating room anesthesia is an expanding field. Due to unique challenges, the anesthesia skills and techniques employed in these areas are different from those used in the main operating room. Three distinguished s with extensive experience and expertise in interventional bronchoscopy, gastrointestinal endoscopy and electrophysiological procedures will present their knowledge in this session. **Nelson Thaemert M.D., Non-Operating Room Anesthesia: Techniques for Electrophysiological Procedures, Sheila Barnett M.B., B.S., B.Sc., Non-Operating Room Anesthesia: Techniques for Advanced GI Endoscopic Procedures**

Tuesday, October 14

Problem-Based Learning Discussions | L156**It's Just a Quick EGD in the Office...but Can I Safely Anesthetize My Patient Here?**

7:15-8:30 a.m. | Room 343-345

Jeena Jacob M.D.

Refresher Course Lecture | 402**The Geriatric Outpatient: Postoperative Cognitive Dysfunction and Other Concerns**

8-9 a.m. | Room E-1

Kathryn McGoldrick M.D.

Because advanced age amplifies the negative prognostic value of impaired physical status, this lecture will offer recommendations to avoid potential pitfalls associated with both general and regional anesthesia in the elderly.

90 Minute Panel | PN81**Pediatric Ambulatory Challenges**

8-9:30 a.m. | Room 208-210

Raafat Hannallah M.D.

The Snoring Obese Child for Ambulatory Adeno-Tonsillectomy: When to Say No

This panel will provide an updated view of three current pediatric ambulatory challenges. Addressed will be the obese child with obstructive symptoms (snoring vs. OSAS), the choice of regional blocks for sub-umbilical surgery (caudal vs. nerve blocks), an update on the current concerns about the effects of anesthesia on the young brains and how this may affect the decision to perform elective diagnostic procedures requiring general anesthesia early in life. **Ronald Litman D.O., Is Caudal Block Still the Preferred Regional Technique for Sub-Umbilical Surgery in Pediatric Ambulatory Patients? Lena Sun M.D., Should We Limit the Exposure of Young Children to "Elective" Diagnostic Procedures Requiring General Anesthesia or Sedation?**

90 Minute Panel | PN82**Management of Patients at Risk of Sleep Apnea in Ambulatory Anesthesia**

8-9:30 a.m. | Room 217-219

Matthias Eikermann M.D., Ph.D.

Postoperative Treatment of Patients with Sleep Apnea: CPAP? Hospital Admission? Sleep Medicine Consultation? The incidence of sleep apnea is high and the disease is associated with an increased incidence of perioperative respiratory complications. This panel will discuss the optimal allocation of resources in an ambulatory anesthesia setting in order to optimize the value of perioperative care in patients with sleep apnea. **Satya-Krishna Ramachandran M.D., Preoperative Screening - Expensive and Inconclusive? Roman Schuman M.D., Do We Need Preoperative Treatment to Optimize Sleep Disordered Breathing in Patients Scheduled for Ambulatory Surgery?**

Problem-Based Learning Discussions | L171**A Slip and Fall in the Post Warfarin Era**

9-10:15 a.m. | Room 343-345

Mercy Udoji M.D.

120 Minute Panel | PN27**Novel Drugs in Ambulatory Practice. How Would They Change Your Practice?**

1-3 p.m. | Room 220-222

Tong Gan M.D.

Novel Antiemetics. Are They Better Than What We Have?

This panel will address the new and novel pharmacotherapy in the ambulatory anesthesia setting and how these drugs can impact on ambulatory anesthesia practice. **Sorin Brull M.D. Perioperative Neuromuscular Management: Novel Challenges and Solutions in Ambulatory Anesthesia, Eugene Viscusi, M.D., Can Newer Analgesics Eliminate Opioids in Ambulatory Surgery? Talmage Egan M.D., New Intravenous Sedative-Hypnotics and Propofol Formulations: Is There Life Beyond the Milky Way?**

90 Minute Panel | PN96**Identifying Triage Decisions in Ambulatory Anesthesia: Right Patient, Place, Technique and Time**

3:30-5 p.m. | Room 228-230

Mary Ann Vann M.D.

Tailoring the Anesthetic for the High Risk Patient and Location

A very important concern in ambulatory anesthesia is the proper selection of patients and locations for certain procedures. This panel will address triaging patients to the proper location for their surgery. Management of high risk patients in the operating room will be addressed as well as discussion of anesthesia techniques. Potential postoperative recovery issues for certain patients will be identified and limitations of recovery rooms will be discussed.

Meena Desai M.D., Triaging the Right Patient to the Right Location, Stanford Plavin M.D., Adapting Recovery Room Care to Specialized Patient Needs

Wednesday, October 15**90 Minute Panel | PN97****Challenges in Ambulatory Out-of-OR Anesthesia Practice**

8-9:30 a.m. | Room 208-210

Radha Arunkumar M.B., B.S., M.D.

The Patient with Known/Suspected Difficult Airway

Increasingly, more patients are having procedures in an ambulatory setting. There are potential pitfalls with the locations of care, the complexity of the procedures and the pre-existing conditions of the patients. This panel will provide an overview of common and some rare clinical challenges encountered while anesthetizing in various locations outside the operating rooms. This will be followed by presentations on the specific clinical issues associated with patients with difficult airways, morbid obesity and obstructive sleep apnea (OSA), cardiac comorbidities including patients with pacemakers and implantable cardioverter-defibrillators (ICD).

Satya-Krishna Ramachandran M.D., FRCA, The Morbidly Obese and Obstructive Sleep Apnea Patient, Marc Rozner M.D., Ph.D.

The Patient with Cardiac Comorbidities, Including Pacemakers/Implantable Cardioverter-Defibrillators

Cardiac Anesthesia

Saturday, October 11

Refresher Course Lecture | 106

New Developments in Cardiopulmonary Resuscitation

8-9:00 a.m. | La Nouvelle Ballroom AB

Matthias Riess M.D., Ph.D.

This Refresher Course Lecture will provide an overview of the current epidemiology of cardiac arrest, a review of the current ACLS guidelines, an introduction to adjunct mechanical devices such as active compression/decompression and impedance threshold devices and their physiology, and initiate a discussion on a more comprehensive role of anesthesiologists in in-hospital cardiac arrest.

Oral Presentations | OR09-1

Experimental Circulation

8-9:30 a.m. | Room 244

90 Minute Panel | PN37

Modern Day Concepts in Thoracic Endovascular Repair (TEVAR) for Aortic Aneurysms

8-9:30 a.m. | Room 208-210

David Broussard M.D.

Thoracic Endovascular Repair (TEVAR) is a less invasive treatment modality for patients with thoracic aortic disease. This panel will cover modern concepts in Thoracic Endovascular Repair (TEVAR) for aortic aneurysms. **Hernan Bazan M.D. Is a Vascular Surgeon in New Orleans: Examine how the Various Types of Hybrid Endovascular Techniques are Applied in Complex Thoraco-Abdominal Disease Including: Antegrade Stenting, Fenestrated Grafts, and Debranching Procedures, Crystal Wright M.D., Understand Etiology of Common Intraoperative and Post-operative Complications Including Spinal Cord Ischemia, Acute Kidney Injury, and Gut Malperfusion, Kelly Ural M.D., Examine the Role of Perioperative Anesthetic Monitoring Choices and Anesthetic Regimens on Perioperative Morbidity Including Spinal Cord Perfusion Pressure, Ideal Arterial Pressure, and Ideal Neuromonitoring**

120 Minute Panel | PN02

Practice Guidelines in CV Anesthesia: How Are We Doing as a Specialty?

8-10 a.m. | Room 252-254

Martin London M.D.

ACCF/AHA Guidelines for Coronary Artery Bypass Grafting
The panel brings together a variety of experts in CV anesthesia who have actively participated in development of practices guidelines in areas in which CV anesthesiologists are actively involved in patient management. Differences in methodology and potential impacts on clinical practice over time will be discussed and debated. **Nikolaos Skubas M.D. ACCF/AHA Guidelines for Valvular Heart Disease, Stephen Rupp M.D. ASA Central Venous Access Guidelines, Scott Reeves M.D., M.B.A., SCA and American Society of Echocardiography Guidelines, C. David Mazer M.D. SCA and Society of Thoracic Surgeons Collaborative Guidelines**

Refresher Course Lecture | 112

Perioperative Management of Cardiovascular Implantable Electronic Devices

9:15-10:15 a.m. | La Nouvelle Ballroom AB

Annemarie Thompson M.D.

Patients with CIEDs are presenting for elective surgery in ever increasing numbers. Anesthesiologists will increasingly be called upon to assist in the development of institution-specific strategies based on local resources to efficiently manage patients with CIEDs who present for surgery. A basic understanding of CIEDs combined with continuing education about the perioperative management of these devices will assist anesthesiologists in the important task of caring for patients with CIEDs.

Poster Presentations | P004-2

Clinical Circulation: Outcomes

10 a.m.-12 p.m. | Hall B1-Area A

Poster Presentations | P009-3

Experimental Circulation

10 a.m.-12 p.m. | Hall B1-Area B

Problem-Based Learning Discussions | L026

Carotid Endarterectomy: Asleep Versus Awake

12:30-1:45 p.m. | Room 343-345

Jeffrey Dobyns D.O.

Oral Presentations | OR04-1

Clinical Circulation: Outcomes

1-2:30 p.m. | Room 244

120 Minute Panel | PN04

Perioperative Patient Safety in Cardiovascular Surgery: From Data to Implementation

1-3 p.m. | Room 220-222

Nancy Nussmeier M.D.

The Six C's in CV Surgery: Communication, Coordination, Cooperation, Cognition, Coaching, and Conflict Resolution
This is a interdisciplinary Patient Safety Panel that will put into clinical perspective the last two decades of research in communication and teamwork in the operating room. Transitions of care (eg, handoffs) of patients to the intensive care unit will also be covered. Evidence-based recommendations for implementation of improvements will be made. **Joyce Wahr M.D., Human Factors and Human Errors in the Cardiac O.R.: What Have We Learned in 20 Years of Research, Jonathan Mark M.D., Communication between Teams: Coordination across Transitions of Care, Alan Merry M.D., The Seventh C: The Just Culture**

Hands-on Workshop | 809

Pacemakers and ICDs

1-4 p.m. | Room 278-279

Aman Mahajan M.D., Ph.D.

This lecture and hands-on workshop will describe the design, functioning, and programming of implantable pacemakers and AICDs. We will also discuss the perioperative management of pacemakers during elective and emergency surgeries. We will identify sources of electromagnetic interference (EMI) causing pacemaker malfunction. We will describe use of various temporary pacing devices and generators in perioperative settings. We will also provide examples of pacemaker related rhythm abnormalities in the perioperative period. **Jason Chua M.D., Jonathan Ho M.D., Kimberly Howard-Quijano M.D., Jacques Neelankavil M.D., Eric Nelson D.O., Peter Schulman M.D., Scott Streckenbach M.D., Dilip Thakar M.D., Annemarie Thompson M.D.**

Refresher Course Lecture | 115**Perioperative Lung Protective Strategies in One-Lung and Two-Lung Ventilation**

1:30-2:30 p.m. | La Nouvelle Ballroom AB

Peter Slinger M.D.

Problem-Based Learning Discussions | L042**I Thought Three Pump Runs Were Bad but This Pulmonary Edema is Even Worse! What is Going On?**

3:30-4:45 p.m. | Room 343-345

Marcellene Franzen, M.D., Lindsey Loveland-Baptist M.D.

Clinical Forum | CF03**Circulatory Assist: The Coming Tidal Wave**

3:30-5 p.m. | Room 206-207

Roman Sniecinski M.D.

Indications and outcomes for adult ECMO will be discussed for different clinical scenarios. **Ronald Pearl M.D., Ph.D., ECMO in Respiratory Failure, Steven Miller M.D., ECMO in Cardiogenic Shock, Michael Fitzsimons M.D., Troubleshooting ECMO in the ICU**

90 Minute Panel | PN44**Thoracic Surgery 2014**

3:30-5 p.m. | Room 217-219

Nathael Weitzel M.D.

Thoracic Surgery 2014 is a 90-minute panel designed to refresh learners on the management of standard thoracic surgical cases, but also to delve into complex airway surgery, as well as pain management strategies for thoracic surgery. **Miklos Kertai M.D.**

A Typical Thoracic Surgery: Management of Tracheoplasty for Tracheomalacia, Tracheal Resection, and Sleeve Resections, Julie Huffmyer M.D., What to Do When the O2 Saturations Fall During One-Lung Ventilation?, Matthew Fiegel M.D. Pain Management Strategies for Thoracic Surgery

Sunday, October 12**Problem-Based Learning Discussions | L054****I Thought Three Pump Runs Were Bad but This Pulmonary Edema is Even Worse! What is Going On?**

7:15-8:30 a.m. | Room 343-345

Marcellene Franzen M.D., Lindsey Loveland-Baptist M.D.

Refresher Course Lecture | 204**Rethinking Acute Blood Pressure Management in the Perioperative Setting**

8-9 a.m. | Room E-3

Solomon Aronson M.D., M.B.A., FACC, FCCP, FAHA, FASE

Perioperative Blood Pressure Management

Refresher Course Lecture | 206**Preoperative Cardiac Evaluation for Noncardiac Surgery**

8-9 a.m. | La Nouvelle Ballroom AB

Lee Fleisher M.D.

The AHA/ACCF Perioperative Cardiovascular Evaluation Guidelines were updated in 2013 to reflect new evidence. This refresher course will discuss the new guidelines.

90 Minute Panel | PN51**Heart Failure in Adults Undergoing Non-Cardiac Surgery**

8-9:30 a.m. | Room 217-219

Amanda Fox M.D., M.P.H.

Managing Right Heart Failure and Pulmonary Hypertension for Non-Cardiac Surgery

At the conclusion of the panel the participant will be familiar with strategies for identifying and managing adult acute and chronic heart failure patients who are scheduled to undergo non-cardiac surgery. The participant will understand significant anesthetic implications of systolic and diastolic heart failure, right heart failure, and ventricular assist devices. **Leanne Groban M.D., Highlights of the Guidelines for Diagnosis and Management of Adult Chronic Heart Failure, Nancy Nussmeier M.D., Perioperative Implications of Acute and Chronic Heart Failure in Non-Cardiac Surgery, Eric Nelson D.O., Managing the VAD Patient for Non-Cardiac Surgery**

Poster Presentations | P004-1**Clinical Circulation: Echo/Monitoring**

8-10 a.m. | Hall B1-Area E

Yuta Kashiwagi M.D.

Hands-on Workshop | 815**Basic TEE Workshop**

8 a.m.-4 p.m. | Room 338-339

Sasha Shillcutt M.D.

Two three-hour sessions, with the second session being a continuation of the first session. Each session (AM/PM) will consist of one hour of didactic lectures followed by two hours hands-on breakout sessions. The breakout sessions, in addition to live model TTE, will include multiple TEE simulator stations featuring both normal and pathologic findings. The participants will be divided into two identical workshop divisions, each composed of three stations where participants will rotate. The participants will spend a total of 40 minutes on each simulation station (total 2 hours). **Julian Bick M.D., TEE Evaluation of the Mitral Valve, Tara Brakke M.D., Basic TEE Views: Anatomy and Image Orientation, Susan Martinelli M.D., Rescue TEE in the Non-Cardiac Room, Candice Montzingo M.D., How Ultrasound Works: Ultrasound Physics and Principles, Albert Perrino M.D., LV Function - The Bare Essentials, Christopher Troianos M.D., TEE Evaluation of the Aorta and Aortic Valve, John Augoustides M.D., Mary Beth Brady M.D., Amy Duhachek-Stapelman M.D., Alan Finley M.D., Meghann Fitzgerald M.D., George Guldan III, M.D., Alexander Mitnacht M.D., Alina Nicoara M.D., Wanda Popescu M.D., Thomas Schulte M.D., Robert Suriani M.D.**

Problem-Based Learning Discussions | L068**Patient With a Failing Fontan for Emergency Exploratory Laparotomy**

9-10:15 a.m. | Room 343-345

Galina Leyvi M.D.

Refresher Course Lecture | 209**Congenital Heart Disease in the Adult Presenting for Non-Cardiac Surgery**

9:15-10:15 a.m. | Room E-2

Ilka Theruvath, M.D.

This refresher course will provide an overview of the most common adult congenital heart lesions, describe the implications of long-term altered physiology in adult congenital heart disease and discuss major difficulties in anesthetic management of adult congenital heart patients presenting for non-cardiac surgery.

Clinical Forum | CF05**Adult Congenital Heart Disease (ACHD): Special Considerations for Patients With CHD Surviving Into Adulthood**

10-11:30 a.m. | Room 206-207

James DiNardo M.D.

This session is designed to familiarize the participant with current expected outcomes for adults with congenital heart disease (ACHD) as well as to educate the participant as to the anesthetic considerations for ACHD undergoing re-do cardiac procedures, non-cardiac procedures, and presenting for peripartum management.

Mark Twite M.D., Current Outcomes and Expectations for Patients With Common Congenital Heart Lesions, Marc Hassid M.D., Adults With CHD Presenting for Redo-Cardiac Surgical Procedures, Nelson Thaumert M.D., Adults With CHD Presenting for Non-Cardiac Surgery, Sugantha Sundar M.D., Adults With CHD Presenting to Labor and Delivery

Poster Discussions | PD04-2**Clinical Circulation: Blood, Other**

10-11:30 a.m. | Room 243

Refresher Course Lecture | 215**Catheter Based Cardiac Surgery: Anesthesia in the Hybrid Suite and Cath Lab**

10:30-11:30 a.m. | Room E-2

Nathanael Weitzel M.D.

This Refresher Course lecture is designed to educate learners on the intricacies of catheter based cardiac interventions in the operating room and hybrid suite. Discussion will focus on current management strategies for TAVR for both trans-femoral and trans-apical approaches, catheter based mitral valve repair, atrial appendage exclusion, and lead extractions. The focus will be on risk identification for patients as well as practical management techniques in these challenging cases.

Poster Discussions | PD09-1**Experimental Circulation**

1-2:30 p.m. | Room 245

Refresher Course Lecture | 233**New Developments in Thoracic Anesthesia**

3-4 p.m. | Room 260-262

Edmond Cohen M.D.

The refresher course will discuss the most recent developments in lung separation, will explain the concept of management of hypoxemia during one lung ventilation and will address the issue of protective lung ventilation.

90 Minute Panel | PN61**Cerebral Oximetry Monitoring: Does It Affect Neurologic Outcome?**

3:30-5 p.m. | Room 217-219

John Murkin M.D. Cerebral Oxygen Saturation Monitoring: Why and How to Use It

This session is an interactive panel discussion with featured presentations outlining the pathophysiology of cerebral blood flow and concepts of static and dynamic autoregulation and the impact of cardiopulmonary bypass, reviewing the principles and limitations of current cerebral oximetry technologies and evidence for their clinical utility and how to intervene clinically, and exploring new developments in cerebral oximetry technology and how this can impact clinical outcomes with an open forum to discuss whether further technical developments, mechanistic evidence and/or clinical trials are needed to support widespread utilization. **Hilary Grocott M.D., The Physiology of Cerebral Blood Flow, Charles Hogue M.D., Cerebral Oximetry: Newer Developments and Their Clinical Impact**

Monday, October 13**Problem-Based Learning Discussions | L098****Carotid Endarterectomy: Asleep Versus Awake**

7:15-8:30 a.m. | Room 343-345

Jeffrey Dobyns D.O.**Refresher Course Lecture | 305****Synthetic Colloids in Cardiac Surgery, What Are the Indications?**

8-9 a.m. | Room 260-262

Roman Sniecinski M.D.

The role of colloids in cardiac surgery has been debated for decades. This lecture will review some of the basic theoretical principles behind the idea of colloids. Additionally, the session will provide an update of large scale clinical trials and how they may or may not relate to cardiac surgical patients.

Hands-on Workshop | 822**Intermediate Transesophageal Echocardiography (TEE)**

8-11 a.m. | Room 338-339

James Abernathy M.D., M.P.H.**Echo Outside of the Cardiac OR**

A case-based, question and answer compilation of sessions focused on the provider with basic TEE knowledge and designed to extend that knowledge into more complicated echocardiography concepts and introduce the participant to three dimensional echocardiography. **Alan Finley M.D., Aortic Valve: When the Area and Gradient Don't Agree, Danny Muehlschlegel M.D. The Basics of 3D. What to Do in the OR. (But Doug, the Pictures Are Amazing), Douglas Shook M.D., Mitral Valve Evaluation: There Is Value in 2D (Muehlschlegel, None of That 3D Stuff Matters), Nikolas Skubas M.D., Left Ventricle: Quantitating Function, Can Strain and Strain Rate Help?, Annemarie Thompson M.D., Diastology. Is There a Practical Side?**

Refresher Course Lecture | 310**Cerebral Protection During Cardiac Surgery**

9:15-10:15 a.m. | Room E-3

Charles Hogue M.D.

In this lecture the basic mechanisms of brain injury will be reviewed as well as approaches to reduce and/or limit the extent of brain injury during cardiac surgery.

Refresher Course Lecture | 315**Preconditioning the Heart: How It Works and Does It Matter?**

12:30-1:30 p.m. | Room E-3

Judy Kersten M.D.

This lecture will review basic mechanisms of pre- and post-conditioning and remote preconditioning of the heart against ischemic injury and examine the efficacy of anesthetics for clinical cardioprotection in cardiac and non-cardiac surgery.

90 Minute Panel | PN67**Understanding the Role of Anemia on Patient Outcomes: An Innocent Bystander?**

1-2:30 p.m. | Room 208-210

Colleen Koch M.D., M.S., M.B.A.

A Hazard of Hospitalization: Prevalence and Outcomes with Hospital-Acquired Anemia

The panel will provide the attendee with a better understanding of the role of anemia on perioperative outcomes. It will update the attendee on current research related to biomarker identification to better inform when the lower thresholds of tolerable anemia are reached. The attendee will become aware of the prevalence of hospital-acquired anemia, their role in mitigating it and its influence on patient outcomes. Finally, the attendee will learn how to treat preoperative anemia and become aware of complications associated with perioperative treatment strategies. **Greg Hare M.D., How Low Can You Go? Biomarkers and Hemoglobin Concentrations, Aryeh Shander M.D., It Takes a Village: Treatment of Anemia in the Perioperative Setting**

Poster Presentations | P004-3**Clinical Circulation: Physiology/Pharmacology**

1-3 p.m. | Hall B1-Area E

Poster Presentations | P009-1**Experimental Circulation**

1-3 p.m. | Hall B1-Area C

Hands-on Workshop | 827**Advanced TEE Workshop**

1-4 p.m. | Room 338-339

Sajid Shahul M.D., MPH

This session will focus on the use of advanced echocardiography to help guide intraoperative diagnosis and decision making. **Albert Cheung M.D., Intraoperative Considerations for Ischemic MR, Kathryn Glas M.D., Epicardial Echocardiography - Windows and Intraop Applications, Gregg Hartman M.D., Interesting and Challenging Cases, Jack Shanewise M.D., Assessment of LV Systolic Function, Stanton Shernan M.D., Echocardiography to Guide Mitral Valve Repair**

Point-Counterpoint | PC13**Current Controversies in Cardiac Anesthesia**

3-4:30 p.m. | Room 211-213

Gregory Janelle M.D., F.A.S.E.

The session will consist of two 45 minute debates on the topics as described, with a point/counterpoint pertaining to the ongoing use of pulmonary arterial catheters as one debate followed by a point/counterpoint on the issue of echocardiography training and credentialing for anesthesiologists. **Manuel Fontes M.D., CON: The PA Catheter: Does It Still Have a Pulse?, Martin London M.D., PRO: The PA Catheter: Does It Still Have a Pulse?, Michael Cahalan M.D., PRO: Should Basic TEE Be in the Core Curriculum of Anesthesiology Residency Training?, Colin Royle M.B., B.S., CON: Should Basic TEE Be in the Core Curriculum of Anesthesiology Residency Training?**

Problem-Based Learning Discussions | L136**Descending Thoracic Aortic Repair - Spinal Cord Protection Strategies**

3:30-4:45 p.m. | Room 343-345

Harendra Arora M.D.**90 Minute Panel | PN75****Guidelines for Blood Management - What Do They Tell Us?**

3:30-5 p.m. | Room 217-219

C. David Mazer M.D.

This forum will explore topics relating to cardiac anesthesia and patient blood management. Topics will include, but not be limited to, guidelines and regulations for patient blood management, and perioperative management of platelet inhibitors and use of factor concentrates. **Aryeh Shander M.D., FCCM, Regulating Patient Blood Management - Who Does it? And Does it Work?, Mark Ereth M.D., Guidelines for Blood Management - What Do They Tell Us?, Jerrold Levy M.D., Platelet Inhibitors - When Is It Safe to Operate? C. David Mazer M.D., Factor Concentrates - What Is Their Place in Perioperative Bleeding?**

Refresher Course Lecture | 334**Heparin Sensitivity and Resistance: Management During Cardiopulmonary Bypass**

4:15-5:15 p.m. | Room 260-262

Alan Finley M.D.

This Refresher Course Lecture will provide an overview of the pathophysiology and management of heparin resistance during cardiopulmonary bypass.

Tuesday, October 14**Subspecialty Panels | 609****(SCA) Cardiac Anesthesia**

7-8:15 a.m. | Room 231-232

Colleen Koch M.D., M.S., M.B.A.

The SCA Subspecialty panel will review the Top 10 things to know how to optimally manage patients with mechanical circulatory support who are undergoing non-cardiac surgical procedures. The second half of the panel will review current trends in biomarkers and their role in predicting perioperative outcomes. **Adam Evans M.D., M.B.A., Mechanical Circulatory Support: Top 10 Things to Know for Optimal Management in the Non-cardiac Surgery Patient, Amanda Fox M.D., Understanding the Role of Biomarkers: Can They Predict Perioperative Outcomes?**

Refresher Course Lecture | 405**The Pulmonary Artery Catheter in 2014: Past, Present, and Is There a Future?**

8-9 a.m. | Room 260-262

Jonathan Mark M.D.

This lecture will review and recommend methods to improve the safety of pulmonary artery catheterization; describe the critical technical details and physical principles that must be considered to measure PAP accurately; provide examples of normal and abnormal PAP waveforms; review the current evidence for safety and efficacy of pulmonary artery catheter monitoring; and consider challenges for future use of pulmonary artery catheter monitoring.

Point-Counterpoint | PC14**Volatile Anesthetics for Cardioprotection: Is Preconditioning a Bust?**

8-9:30 a.m. | Room 203-205

Stefan De Hert M.D.

Two experts in cardiac anesthesia will debate the evidence that supports or refutes the use of volatile anesthetics to protect myocardium against ischemia and reperfusion injury in patients undergoing cardiac or non-cardiac surgery. **Paul Barash M.D., PRO: Volatile Anesthetics Are Useful for Clinical Cardioprotection, Martin London M.D., CON: Volatile Anesthetics Are Not Effective for Clinical Cardioprotection**

Poster Presentations | P009-2**Experimental Circulation**

8-10 a.m. | Hall B1-Area C

Hands-on Workshop | 833A, 833B**Thoracic Anesthesia Workshop**

8-11 a.m. | Room 356-357

1-4 p.m. | Room 356-357

Edmond Cohen M.D.

The workshop will consist of hands-on demonstration of various stations equipped with fiberoptic bronchoscope, video cameras, mannequins, lung models, double lumen tubes, endobronchial blockers, and tube exchangers. In addition an adult and a pediatric simulators will be available for management of crises during thoracic anesthesia. Finally a torso model would be at used for the practice of thoracic epidural and paravertebral blocks. **Javier Campos M.D. Levon Capan M.D. Giorgio Della Rocca M.D. Samuel DeMaria M.D. Cheryl Gooden M.D. Katherine Grichnik M.D., M.S. Karina Gritsenko M.D. Carin Hagberg M.D. Ingrid Hollinger M.D. Jonathan Leff M.D. Adam Levine M.D. Steven Neustein M.D. Wanda Popescu M.D. Alan Sim M.D. Peter Slinger M.D. Joyce Wahr M.D. Charles Watson M.D. Menachem Weiner M.D.**

Refresher Course Lecture | 410**Patient Safety in the Cardiac Operating Room: What Can, Will and Might Make Patients Safer and You Happier**

9:15-10:15 a.m. | Room E-3

James Abernathy, III, M.D., M.P.H.

This refresher course lecture will describe the science of system analysis, review proven tools and interventions to make care delivery in operating rooms safer, and discuss future research directions.

Problem-Based Learning Discussions | L161**Descending Thoracic Aortic Repair - Spinal Cord Protection Strategies**

9-10:15 a.m. | Room 343-345

Harendra Arora M.D.**Poster Discussions | PD04-1****Clinical Circulation: Echo**

10-11:30 a.m. | Room 243

Refresher Course Lecture | 418**TEE for the Occasional Cardiac Anesthesiologist**

11:45-12:45 p.m. | La Nouvelle Ballroom AB

Michael Cahalan M.D.

This Refresher Course will provide a summary of the literature supporting the crucial role of transesophageal echocardiography (TEE) in improving the management and outcome of patients undergoing cardiac surgery as well as a highly efficient basic TEE examination that is practical to employ by the occasional cardiac anesthesiologist.

Problem-Based Learning Discussions | L180**Patient With a Failing Fontan for Emergency Exploratory Laparotomy**

12:30-1:45 p.m. | Room 343-345

Galina Leyvi M.D.**Refresher Course Lecture | 422****Massive Post-Cardiopulmonary Hemorrhage: A Rational Approach to Management**

1-2 p.m. | Room E-3

Edwin Avery, IV M.D.

This refresher course lecture aids clinicians in identifying patients at risk for massive cardiopulmonary bypass hemorrhage and provides a rational management strategy for those presenting with this clinical scenario by drawing upon the most up to date evidence based medicine. This presentation includes discussion/recommendations of a number of clinical adjuncts to permit successful treatment of massive bypass related hemorrhage that include the following: central laboratory and point of care testing based transfusion guidelines, massive transfusion protocol, use of blood conservation strategies and integration of pharmacologic blood conservation/hemostatic agents.

Oral Presentations | OR09-2**Experimental Circulation**

1-2:30 p.m. | Room 244

120 Minute Panel | PN28**Percutaneous Approaches to Aortic and Mitral Pathology**

1-3 p.m. | Room 225-227

Michael Fitzsimons M.D.

Transcatheter Valve Replacement (TAVR) is an alternative to surgical treatment of disease of the aortic valve. Percutaneous management of mitral regurgitation with a clip applied to both leaflets is associated with an improvement in symptoms with fewer complications such as hemorrhage and stroke while avoiding bypass. These technologies will soon be a viable alternative to sternotomy and bypass in lower-risk patients. Program development requires a multidisciplinary approach. These cases are performed in either a hybrid operating room or often out of the operating room in the cardiac catheterization suite. TEE is utilized for annular size, prosthesis positioning, and assessment of complications. Critical decisions are necessary at a time of significant hemodynamic instability. We propose a panel to address key topics to assist anesthesiologists in the development of a safe, transcatheter valve program. **Yianni Augoustides M.D. Transcatheter versus Surgical Aortic Valve Replacement? A Review of the Studies Jorg Ender M.D. Percutaneous Approaches to the Mitral Valve MaryBeth Brady M.D. Anesthetic Management for Percutaneous Aortic Valve Replacement and Mitral Valve Clipping Annemarie Thompson M.D. TEE for Percutaneous Aortic Valve Replacement and Mitral Clipping**

Poster Presentations | P004-4**Clinical Circulation: Blood/Coagulation**

1-3 p.m. | Hall B1-Area D

Refresher Course Lecture | 429**Update on Strategies for Blood Conservation and Hemostasis in Cardiac Surgery**

2:15-3:15 p.m. | Room 260-262

C. David Mazer M.D.

This Refresher Course Lecture will provide an overview of blood conservation and blood management programs, review new anticoagulant and hemostatic drugs, and describe strategies for optimizing perioperative hemostasis and transfusion.

90 Minute Panel | PN92**Perioperative 3D TEE: Innovative Imaging or Just Pretty Pictures?**

3:30-5 p.m. | Room 208-210

Stanton Shernan M.D., F.A.H.A., F.A.S.E.**Is 3D TEE More Accurate Compared to 2D TEE for Evaluating Mitral Valve Disease?**

This Panel Session will focus on the utility of 3D TEE in diagnosing mitral valve disease and ventricular dysfunction, as well as its role in facilitating clinical decision-making during cardiac surgery involving these pathologies and during interventional procedures in the cardiac catheterization laboratory. Technical and cognitive limitations and considerations of 3D TEE will also be reviewed.

Nikolaos Skubas M.D., Is 3D TEE Advantageous for Evaluating Ventricular Function? Madhav Swaminathan M.D. Technical and Cognitive Limitations of 3D TEE Douglas Shook M.D. Applications of Interventional 3D TEE in the Cardiac Catheterization Lab

Wednesday, October 15**Refresher Course Lecture | 502****Postoperative Acute Kidney Injury in Cardiac Surgery**

8-9 a.m. | Room E-2

Madhav Swaminathan M.D.

Post cardiac-surgery acute kidney injury (AKI) is a serious and common complication that is strongly associated with short- and long-term mortality and resource utilization. Its incidence has been increasing and preventive efforts have largely proved futile. New initiatives in this area involve improved risk stratification and early detection. Early renal recovery may modify adverse outcome and is considered an important therapeutic target.

90 Minute Panel | PN100**Protecting the Lung During Cardiac Surgery: An Interdisciplinary Approach**

8-9:30 a.m. | Room 208-210

Eric Nelson D.O.

This panel will discuss how to best assess a patient's preoperative pulmonary status for cardiac surgery, how to best manage these patients and protect the lungs during cardiac surgery, and the safest way to transport these patients to the intensive care unit and manage their pulmonary status in the postoperative period.

Peter Slinger M.D. Preoperative Risk Stratification William Bradford M.D. Lung Protection During CPB, How to Best Manage It Anthony De La Cruz M.D. Transporting and Postoperative Ventilation Strategies

Critical Care

Saturday, October 11

Problem-Based Learning Discussions | L005

Surviving Septic Shock in the Operating Room and Beyond: What Do the Guidelines Say?

7:15-8:30 a.m. | Room 343-345

Roman Dudaryk M.D.

Refresher Course Lecture | 101

Sepsis Current Concepts, Guidelines and Perioperative Management

8-9 a.m. | RiverGate

Mark Nunnally M.D., FCCM

This refresher course lecture will review the epidemiology, natural history and current understanding of the pathophysiology of sepsis. Perioperative care strategies for patients with severe sepsis, including newly released guideline recommendations, will be critically evaluated.

Point-Counterpoint | PC02

We Give Too Much Fluid in the OR

8-9:30 a.m. | Room 211-213

Ozan Akca M.D. PRO

This pro-con debate will focus on the clinical controversy regarding fluid management for high risk perioperative care. Using evidence and clinical experience, panelists will debate the contention that current fluid management strategies result in too much fluid being given in the perioperative period. **Brian Kavanagh M.B. CON**

Poster Presentations | P006-4

Critical Care

8-10 a.m. | Hall B1-Area B

Refresher Course Lecture | 108

Pulmonary Hypertension and Right Ventricular Failure

9:15-10:15 a.m. | Room E-1

Eric Jacobsohn M.B.,Ch.B.

This lecture will review the epidemiology and pathophysiology of pulmonary hypertension. Anesthetic considerations for patients with pulmonary hypertension and right ventricular dysfunction will be reviewed. Principles of monitoring for pulmonary hypertension will also be reviewed.

Problem-Based Learning Discussions | L027

Elderly Man; Going into Shock; Needs Fluids Now!

12:30-1:45 p.m. | Room 343-345

Elizabeth Frost M.B.,Ch.B.

Oral Presentations | OR06-1

Critical Care | 1-2:30 p.m.

Room 243

Point-Counterpoint | PC03

Tidal Volumes Don't Really Matter to the Anesthesiologist

1-2:30 p.m. | Room 203-205

James Blum M.D. PRO

This session will review sources of variability regarding ventilator modes and settings in the OR, debate the quality and adequacy of clinical evidence regarding specific ventilator settings in the operating room, discuss optimal blood gas values for intraoperative mechanical ventilation, and debate the argument that guidelines for intraoperative mechanical ventilation will improve perioperative care. **Daniel Talmor M.D., M.PH.CON**

90 Minute Panel | PN42

Red Blood Cells: Good, Bad, and Ugly and Some Solutions

1-2:30 p.m. | Room 217-219

Jonathan Jahr M.D.

Solutions (including Blood Substitutes)

This panel will: list the challenges of mobilizing blood for catastrophes and categorize strategies for availability and transfusing blood to victims of catastrophes, discuss issues with aged blood and learn what evidence based medicine provides as guidance for use of aged versus fresh blood, list methods to formulate blood substitutes and types currently available and under testing; evaluate progress of first, second, and third generation Hemoglobin-based Oxygen Carriers; discuss clinical use of blood substitutes in animals and in humans in South Africa and Russia. It will have three lectures: Mobilizing blood for catastrophes–natural and man-made–Corey Scher. How bad is aged blood? **Colleen Koch, Solutions (including blood substitutes)- Jonathan Jahr Colleen Koch M.D., M.S. How Bad Is Aged Blood? Corey Scher, M.D. “Mobilizing Blood for Catastrophes - Natural and Man-Made”**

Refresher Course Lecture | 226

Heart Failure and Perioperative Care

1:45-2:45 p.m. | Room E-3

Gareth Ackland M.D.

This refresher course will focus on the relevance and impact of congestive heart failure on perioperative outcomes. Topics will include preoperative assessment, risk stratification, and optimization, intraoperative management, and postoperative care.

Refresher Course Lecture | 119

Mechanical Ventilatory Support: What Every Anesthesiologist Should Know

2:45-3:45 p.m. | Room E-3

Michael Gropper M.D., Ph.D.

This refresher course lecture will describe the rationale for the modern approach to mechanical ventilation. Topics reviewed will include causes and mechanisms of ventilator-induced lung injury, the physiological basis for current and new modes of mechanical ventilation, strategies for avoiding complications of mechanical ventilation, and approaches to difficult perioperative ventilation scenarios.

Point-Counterpoint | PC04

Do We Really Need Risk Adjustment to Measure Outcomes?

3:30-5 p.m. | Room 203-205

Avery Tung M.D.

CON: Risk Adjustment Creates More Problems Than It Solves

This pro-con will examine the use of risk adjustment for outcome measurement in perioperative care. Using a pro/con format, the session will describe the theoretical basis for risk adjustment and current risk adjustment methodologies. Current implementations of risk adjustment in surgical care, implications for anesthesia quality, and unintended consequences will also be discussed.

Laurent Glance M.D. PRO: Outcomes Are Meaningless Without Risk Adjustment

90 Minute Panel | PN45**Optimizing Perioperative Hepatic Function**

3:30-5 p.m. | Room 220-222

Randolph Steadman M.D., M.S.**Postoperative Optimization and Rescue**

This panel will focus on perioperative management of patients undergoing hepatic surgery or with hepatic disease by emphasizing a complete perioperative surgical home approach. Topics will include preoperative risk assessment, risk stratification, and medical optimization, intraoperative management including coagulation and hemodynamic strategies, and postoperative optimization and rescue. **James Findlay M.B., Ch.B.**

Intraoperative Management and Optimization Geraldine Diaz M.D.**Preoperative Risk Stratification and Optimization****Refresher Course Lecture | 124****Transfusion Therapy: Optimal Use of Blood Products**

4-5 p.m. | Room E-2

Stephen Surgenor M.B.A., M.D.

This refresher course will review the indications, risks, and benefits of transfusion therapy including red blood cells, plasma, platelets, and derivatives. In addition, a review of emerging risks of transfusion therapy and the approach to massive transfusion will be presented.

Sunday, October 12**Subspecialty Panels | 604****(SOCCA) Trauma and Critical Care Pearls for the Non-Intensivists**

7-8:15 a.m. | Room 231-232

Daniel Brown M.D., Ph.D.

An interactive case-based discussion focused on management of the trauma patient presenting for surgery. Assessment and management options for securing a definitive airway in the setting of an existing supraglottic airway will be discussed. As the intraoperative course unfolds, current evidence for management of trauma-related coagulopathy will be reviewed. Finally, emergent evaluation of increased airway pressures will be discussed, including the utility of ultrasound. **Daniel Diedrich M.D. Thomas Grissom M.D.**

Refresher Course Lecture | 202**Respiratory Physiology and Perioperative Gas Exchange**

8-9 a.m. | Room E-1

Luca Bigatello M.D.

This refresher course lecture will review basic respiratory physiology including the physiology of normal and abnormal gas exchange. Topics include diagnostic and therapeutic approaches to patients with abnormal gas exchange in the perioperative setting, strategies for managing hypoxia and hypercarbia, management of acute vs. chronic hypercarbia, and mechanical ventilation strategies for patients with abnormal gas exchange.

90 Minute Panel | PN52**Simulation Education in Competency-Based Training and Assessment: Present and Future**

8-9:30 a.m. | Room 220-222

Randall Schell M.D., M.Ed.

This panel will discuss the use of simulation training and assessment in competency-based education in the Milestones and MOCA era. The first presenter will review the requirements for simulation training and testing by the ACGME how simulation assessment can be used within the Milestones system. The second presenter will discuss the use of simulation training and assessment in the ABA initial certification and MOCA system. The third presenter will discuss the future of simulation training and assessment in for certification in courses such as anesthesia-centric ACLS and other related areas. **Matthew McEvoy M.D. Simulation Training and Assessment in the Milestones Era Arna Banerjee M.B., B.S. ABA Certification, MOCA, and Simulation Mark Nunnally M.D., FCCM Future Certifications via Simulation Training and Assessment**

Seminar | 813**Perioperative Resuscitation - What's New?**

8-11 a.m. | Room 348-349

Steven Robicsek M.D., Ph.D.

Perioperative resuscitation offers a unique challenge to the practitioner - in etiology, resources and available personnel. The term Anesthesia Advanced Circulatory Life Support (A-ACLS) was introduced in 2008 to describe unique circumstances that may present. This workshop will consist of an overview lecture followed by simulation-based adult arrest scenarios that are commonly encountered in the perioperative setting (block room, OR, PACU, ICU). A current review of the AHA BLS and ACLS guidelines are encouraged prior to the workshop and will be discussed during simulations. The workshop is intended as a supplement to the AHA BLS and ACLS concepts and algorithms. **Gregory Janelle M.D. Utility of a Focused ECHO Examination Lawrence Caruso M.D. Elizabeth Mahanna M.D. Steven Venticinque M.D. Melissa Vu M.D. Lisa Warren M.D.**

Problem-Based Learning Discussions | L062**Surviving Septic Shock in the Operating Room and Beyond: What Do the Guidelines Say?**

9-10:15 a.m. | Room 343-345

Roman Dudaryk M.D.**Poster Presentations | P006-1****Critical Care**

10 a.m.-12 p.m. | Hall B1-Area D

Refresher Course Lecture | 218**The Evidence Behind Evidence-Based Medicine**

10:30-11:30 a.m. | La Nouvelle Ballroom AB

Brian Kavanagh M.B.

This refresher course lecture will examine the use of literature-based evidence to guide clinical decisions, present and discuss evidence supporting and refuting use of evidence-based guidelines for clinical care, identify pitfalls and challenges in guideline creation, and suggest strategies for using literature-based evidence to improve outcomes.

Problem-Based Learning Discussions | L084**Management of Acute Pulmonary Embolism: Anticipating and Responding to Complexity**

12:30-1:45 p.m. | Room 343-345

Ahmed Zaky M.D.

Point-Counterpoint | PC09**A Structured Handoff Protocol Improves the Care of Patients Going to the ICU After Surgery**

1-2:30 p.m. | Room 203-205

Steven Greenberg M.D. PRO

This pro-con will examine challenges in patient safety that occur during handoff of a critically ill patient to an ICU service, discuss the concept and implementation of a structured handoff protocol, and review the evidence for and against the argument that a structured handoff protocol reduces errors and improves patient safety. **Michael O'Connor M.D., FCCM CON**

120 Minute Panel | PN10**Minimizing Postoperative ICU Complications in a Surgical Home**

1-3 p.m. | Room 217-219

Trung Vu M.D.

This panel will focus on the postoperative management of high-risk surgical patients in the intensive care units (ICU). Postoperative complications in the ICUs are often unrelated to the surgical procedures. Postoperative cardiac failure, respiratory failure, and neurological dysfunction particularly delirium are a function of the patient's co-morbidity going into surgery. The critical care anesthesiologists providing care for these high-risk postoperative patients are in a unique position to lead the perioperative surgical home. The critical care anesthesiologists can identify the high-risk patients, perform preoperative risk stratification, and develop clinical pathways to optimize these patients preoperatively and to standardize intraoperative strategies to minimize postoperative complications in the intensive care unit. **William Wilson M.D.**

Clinical Pathways for High-Risk Patients in Surgical Home Antonio Hernandez M.D. Preventing Delirium: A Surgical Home Perspective Philip Lumb M.D. Evidence-based Intraoperative Strategies to Reduce Postoperative Complications

Problem-Based Learning Discussions | L087**Transfusion Goals and Hemostatic Management of the Anticoagulated Trauma Patient: Can You Plug a Hole in the Dam?**

3:30-4:45 p.m. | Room 343-345

Louanne Carabini M.D.**Problem-Based Learning Discussions | L089****Elderly Man; Going into Shock; Needs Fluids Now!**

3:30-4:45 p.m. | Room 343-345

Elizabeth Frost M.B.,Ch.B.**90 Minute Panel | PN62****ACLS for the Anesthesiologist: An Update**

3:30-5 p.m. | Room 220-222

Vivek Moitra M.D.

This panel will review important changes in the most recent revision of ACLS, and their application in the perioperative setting (AACLS). Aspects of successful ACLS including team training and crew resource management, and considerations unique to the obstetric and pediatric patient will be reviewed. **Kyle Harrison M.D. Optimizing AACLS: Simulation and Cognitive Aids Sharon Einav M.D. Matthew McEvoy M.D.**

Refresher Course Lecture | 230**Perioperative Coagulation and Coagulopathy**

3-4 p.m. Room E-1

Linda Liu M.D.

This refresher course will review the physiology of normal and abnormal coagulation in the perioperative period, discuss agents used to modulate coagulation and their clinical uses, and propose an algorithm to manage coagulopathic patients.

Refresher Course Lecture | 239**Understanding Clinical Hemodynamics**

4:15-5:15 p.m. | Room 260-262

Jeffery Vender M.D., FCCM

The evaluation and management of patients with shock remains a challenge for perioperative physicians. This lecture will review the Guyton and Starling models of the circulation and their interaction in patients with different types of shock. It will also review current strategies for hemodynamic monitoring, including pulse pressure variation, central venous oxygenation, and central venous pressure. It will also review modern concepts of oxygen delivery.

Monday, October 13**Problem-Based Learning Discussions | L109****Management of Acute Pulmonary Embolism: Anticipating and Responding to Complexity**

7:15-8:30 a.m. | Room 343-345

Ahmed Zaky M.D.**Clinical Forum | CF09****Critical Care Forum: Challenges and Controversies in Critical Care Anesthesiology**

8-9:30 a.m. | Room 206-207

Avery Tung M.D., FCCM

This interactive, case-based session will use audience response technology, literature review, and expert opinion to explore controversial topics in high risk perioperative care. Topics will include (but not be limited to) preoperative risk assessment and decision making, intraoperative management, monitoring of unstable cardiorespiratory states, atypical physiology, and postoperative care. **Christopher Choukalas M.D., M.S. William Hurford M.D.**

Point-Counterpoint | PC10**Should We Perform CPR When We Know That It Is Futile?**

8-9:30 a.m. | Room 211-213

Neal Cohen M.D., M.P.H., M.S.

In general, it is regarded as inappropriate to perform CPR and other components of ACLS when the expected outcome will not be improved. Arguments have been made in favor of providing this intervention nonetheless, on the basis of the peace of mind benefit to families and/or surrogate decision-makers who wish everything to be done. The point-counterpoint will address the relative merits of each viewpoint. **Nicholas Sadovnikoff M.D.**

PRO: Performing CPR in Futile Scenarios Provides a Benefit to Families and Surrogates Who Want to Believe "Everything was Done" Michael Nurok M.B.,Ch.B., Ph.D. CON: Performing CPR in Futile Scenarios is Misleading and Dishonest and Should not be Done no Matter What

120 Minute Panel | PN18**Perioperative Hemodynamic Optimization and Goal Directed Therapy**

8-10 a.m. | Room 217-219

Jeffery Vender M.D., FCCM

This panel will review and discuss the current state of the art in perioperative goal-directed therapy. Topics will include (but not be limited to) monitoring strategies and appropriate endpoints to optimization, fluid management, and use of blood, inotropes, and pressors to achieve predefined goals. Application to real world cases will be discussed. **Gary Haynes M.D., Ph.D. Andrew Leibowitz M.D. Steven Greenberg**

Hands-on Workshop | 825**Critical Care Ultrasonography for the Perioperative Physician**

8-11 a.m. | Room 356-357

Steven Venticinque M.D.

This hands-on workshop will introduce participants to the use of surfaceultrasound in perioperative medicine with a focus on acute hemodynamic and pulmonary assessment. Topics will include basic transthoracic cardiacevaluation including the estimation of intravascular volume, ventricularfunction, and an evaluation of the pleural and pericardial space. The use and utility of surface ultrasound in the anesthesia-ACLS setting will be discussed. Participants will develop basic ultrasound skills on live models and simulators using current imaging systems. Learning will take place through didactic instruction and mentored, hands-on experience. The session will include a review of multiple normal and abnormal ultrasound findings. **Larry Field M.D. Sean Kiley M.D. Michael Kopec M.D. Robina Matyal M.D. Joseph Meltzer M.D. James Osorio M.D. Oliver Panzer M.D. Albert Perrino M.D. Ketan Shevde M.D. Chad Wagner M.D. Troy Wildes M.D.**

Hands-on Workshop | 819A, 819B**Perioperative ACLS Simulation Workshop**

8-11:30 a.m. | Room 281

1-4:30 p.m. | Room 281

Matthew McEvoy M.D.

This simulation workshop will focus on Perioperative (Anesthesia-Centric) ACLS which addresses content related to perioperative urgencies: emergencies of cardiac, pulmonary, neurologic, metabolic/endocrine, and toxin origin. The workshop will begin with a 45-minute didactic and Q&A session. The simulation sessions will follow with each scenario being 15 minutes long with a 25 to 30-minute debrief afterward that will take into account the workshop objectives. A 5-minute break will be given between each station. There will be 4 scenarios-stations per workshop with each station covering a different perioperative emergency. There will be a team leader and a first responder at each station. The other participants will fill scripted roles to which they will be introduced (nurse, surgeon, tech, etc) and one participant will play the observer role in order to give feedback to the team along with the facilitator. **Arna Banerjee M.B.,B.S. Amanda Burden M.D. Larry Field M.D. Cory Furse M.D. William Hand M.D. Vivek Moitra M.D. Mark Nunnally M.D., FCCM Catherine Tobin M.D.**

Problem-Based Learning Discussions | L117**Management of Severe ARDS in the ICU With ECMO**

9-10:15 a.m. | Room 343-345

Jacob Gutsche M.D.**Refresher Course Lecture | 313****(A)ACLS in the Perioperative Period**

12:30-1:30 p.m. | Room E-1

Gerald Maccioli M.D.

This refresher course will summarize updates and important changes to ACLS in 2014. It will review differences between ACLS in the outpatient and emergency setting and perioperative ACLS including causes of cardiac arrest and relevant resuscitation strategies. Adaptations of ACLS algorithms for the perioperative setting will be presented and discussed.

90 Minute Panel | PN68**Quality Improvement in Critical Care**

1-2:30 p.m. | Room 217-219

Gregory Botz M.D.**A Systems Approach**

This session will discuss evolving, state of the art strategies for improving ICU care quality. Topics will include multidisciplinary and organizational approaches, innovative uses of EMR technology to drive quality care, and novel strategies for the ICU of the future.

Matthias Merkel M.D., Ph.D. Levering the EMR to Drive Quality Michael Gropper M.D., Ph.D. New Approaches to Quality in 2014 and Beyond

Poster Presentations | P006-2**Critical Care**

1-3 p.m. | Hall B1-Area D

Refresher Course Lecture | 323**Controversies and Best Practices in Central Line Insertion**

1:45-2:45 p.m. | La Nouvelle Ballroom AB

Avery Tung M.D., FCCM

This refresher course will review the changing epidemiology of central line use in perioperative and critical care, describe advantages and drawbacks to recent technical advances in line insertion and changes in clinical practice, review recent ASA guidelines on central line insertion, and identify known and emerging high risk complications of central line placement.

Problem-Based Learning Discussions | L141**Management of Co-Intoxications in the ICU Patient**

3:30-4:45 p.m. | Room 343-345

Robert Gould M.D.**90 Minute Panel | PN76****Optimizing Perioperative Pulmonary Function**

3:30-5 p.m. | Room 220-222

Steven Lisco M.D.**Postoperative Pulmonary Function**

This panel will focus on perioperative management of pulmonary function by emphasizing a complete perioperative surgical home approach. Topics will include preoperative risk assessment, risk stratification, and medical optimization, intraoperative management including mechanical ventilation and fluid strategies, and postoperative optimization and rescue. **Todd Sarge M.D. Intraoperative Pulmonary Optimization Mark Nunnally M.D., FCCM Preoperative Risk Stratification and Optimization**

Refresher Course Lecture | 330**Perioperative Delirium**

4:15-5:15 p.m. | RiverGate

Pratik Pandharipande M.D.

This lecture will outline the epidemiology, clinical features, and major health impact of delirium in critically ill patients. Risk factors and preventative measures will be outlined and potential therapies for agitation and delirium will be discussed.

Tuesday, October 14

Problem-Based Learning Discussions | L152
Transfusion Goals and Hemostatic Management of the Anticoagulated Trauma Patient: Can You Plug a Hole in the Dam?
 7:15-8:30 a.m. | Room 343-345
Louanne Carabini M.D.

Problem-Based Learning Discussions | L154
Management of Co-Intoxications in the ICU Patient
 7:15-8:30 a.m. | Room 343-345
Robert Gould M.D.

Hands-on Workshop | 830A, 830B
Perioperative ACLS Simulation Workshop
 8-11:30 a.m. | Room 281
 1-4:30 p.m. | Room 281
Matthew McEvoy M.D.
 This simulation workshop will focus on Perioperative (Anesthesia-Centric) ACLS which addresses content related to perioperative urgencies: emergencies of cardiac, pulmonary, neurologic, metabolic/endocrine, and toxin origin. The workshop will begin with a 45-minute didactic and Q&A session. The simulation sessions will follow with each scenario being 15 minutes long with a 25 to 30-minute debrief afterward that will take into account the workshop objectives. A 5-minute break will be given between each station. There will be 4 scenarios-stations per workshop with each station covering a different perioperative emergency. There will be a team leader and a first responder at each station. The other participants will fill scripted roles to which they will be introduced (nurse, surgeon, tech, etc) and one participant will play the observer role in order to give feedback to the team along with the facilitator. **Arna Banerjee M.B.,B.S. Amanda Burden M.D. Larry Field M.D. Cory Furse M.D. William Hand M.D. Vivek Moitra M.D. Mark Nunnally M.D., FCCM Catherine Tobin M.D.**

Oral Presentations | OR06-2
Critical Care
 8-9:30 a.m. | Room 244

Problem-Based Learning Discussions | L164
Management of Severe ARDS in the ICU With ECMO
 9-10:15 a.m. | Room 343-345
Jacob Gutsche M.D.

Point-Counterpoint | PC16
Can Post-Operative Delirium Really Be Managed?
 10-11:30 a.m. | Room 203-205
Pratik Pandharipande M.D. PRO, William Hurford M.D. CON
 This pro-con debate will focus on the risk factors for, and management of, perioperative delirium. Whether postoperative delirium can be effectively managed will be the focus of this debate.

90 Minute Panel | PN87
Fluid Administration During the Perioperative Period: Does It Make a Difference What, and How Much, You Give?
 10-11:30 a.m. | Room 208-210
Matthias Jacob M.D., PhD.
 This panel will examine fluid administration during the Peri-Operative period. Patient outcomes associated with type of crystalloid administered will be reviewed. The role of colloid administration will also be appraised. Recommendations for resuscitation endpoints in different clinical scenarios will be discussed. **Steven Greenberg M.D. Sheela Pai M.D.**

Poster Presentations | P006-3
Critical Care
 10 a.m.-12 p.m. | Hall B1-Area D

90 Minute Panel | PN91
The Evolving Goals of the ICU: Critical Care, Palliative Care, or Patient-Centered Care
 1-2:30 p.m. | Room 217-219
Neal Cohen M.D., M.P.H., M.S.
 Palliative care is a new and rapidly growing medical specialty that emphasizes aggressive symptom management, psychosocial support of patients and families, and thoughtful clarification about a patient's unique hopes, goals and fears regarding his/her medical care. This session will review the history of the interaction between palliative care and critical care, define patient centered care and discuss current trends in integrating palliative and critical care, and provide evidence-based approaches for better provision of palliative care in the ICU. **Rebecca Aslakson M.D., Ph.D. Palliative Care to Improve Care in the ICU or as an Alternative to the ICU Allen Gustin M.D. Palliative Care to Improve Care in the ICU or as an Alternative to the ICU**

Point-Counterpoint | PC20
Electronic Health Records Improve Patient Safety – or Do They?
 3-4:30 p.m. | Room 203-205
David Feinstein M.D.
 This session will explore the impact of electronic health record use on patient safety and quality of care. s examine how clinical pathways and decision support derived from electronic health records impact patient outcomes and measures of safety. Limitations and potential problems with electronic medical records will be identified. **James Moore M.D. PRO: Electronic Health Records Improve Patient Safety and Quality of Care Christine Doyle M.D. CON: Electronic Health Records Increase Errors in Patient Care and Harm Patients**

Poster Discussions | PD06-1
Critical Care
 3-4:30 p.m. | Room 243

90 Minute Panel | PN94
Optimizing Perioperative Renal Function
 3:30-5 p.m. | Room 220-222
Robert Sladen M.B.,Ch.B., FCCM
Postoperative Management and Rescue
 This panel will focus on perioperative management of patients with renal disease by emphasizing a complete perioperative surgical home approach. Topics will include preoperative risk assessment, risk stratification, and medical optimization, intraoperative management including fluid, inotrope, and hemodynamic strategies, and postoperative optimization and rescue. **Anthony A. De La Cruz, M.D., Preop Risk Stratification and Optimization Patrick Neligan M.B., B.Ch. Intraoperative Management: Does Anything Really Matter?**

120 Minute Panel | PN33
Anesthesia for the Patient Too Sick for Anesthesia
 3:30-5:30 p.m. | Room 252-254
Daniel Brown M.D., Ph.D.
 This session will focus on perioperative management of patients with advanced end organ disease. A single case-based discussion format will be used to address diastolic heart failure, advanced cirrhosis, rhabdomyolysis-induced kidney injury, and nonketotic hyperosmolar coma. Case stem: A 58-year-old end-stage alcoholic man is found down at home. He will need emergent fasciotomies. **Zdravka Zafirova M.D. Matthew Hallman M.D. Frederic Billings M.D.**

Wednesday, October 15

Refresher Course Lecture | 501

Emergent Airway Management: Tips, Tricks, and Evidence

8-9 a.m. | Room E-1

Aaron Joffe D.O.

This refresher course lecture will review current concepts in emergent airway management and discuss approaches to these challenges including alternate intubation technologies, awake strategies, drug choices, abnormal gas exchange, and hemodynamic instability. This course will also review challenges in difficult extubation, including cuff leak marginal respiratory reserve, and postextubation BiPAP.

90 Minute Panel | PN98

FFP: A Critical Appraisal in 2014

8-9:30 a.m. | Room 217-219

Aryeh Shander M.D.

Physiology and Current Use

This panel will examine the current clinical use of Fresh Frozen Plasma to treat perioperative coagulopathic states, evaluate and explore current evidence regarding the effectiveness of FFP for this purpose, and identify potential evidence-based alternatives to FFP.

Aryeh Shander, M.D. Physiology and Current Use Sibylle Kozek M.D., M.B.A. Does It Work?

Refresher Course Lecture | 504

Perioperative Renal Protection

9:15-10:15 a.m. | Room E-1

Michael Hutchens M.D.

This lecture will review the classification and pathophysiology of acute kidney injury (AKI), the epidemiology and pathophysiology of perioperative renal dysfunction; and evidence for perioperative interventions to prevent or ameliorate AKI.

Fundamentals of Anesthesiology

Saturday, October 11

Problem-Based Learning Discussions | L011

It's Only a MAC Case and Now My Patient is on FIRE!

7:15-8:30 a.m. | Room 343-345

Mark Phillips M.D.

Problem-Based Learning Discussions | L157

The Unanticipated Difficult Airway: A Dynamic and Dangerous Scenario

7:15-8:30 a.m. | Room 343-345

Lavinia Kolarczyk M.D.

Refresher Course Lecture | 103

Arterial Blood-Gas Analysis: Interpretation and Application

8-9:00 a.m. | Room E-2

Steven Barker Ph.D., M.D.

The interpretation and application of arterial blood-gas (ABG) data is a task that anesthesiologists must often perform under difficult circumstances. In this clinical setting, it is helpful to have a simple algorithm or check-list, both to ensure consistency and obtain a correct answer within a short time. The purpose of this talk is to develop such an algorithm and apply it to clinical examples, wherein we shall interpret both oxygenation and acid-base status, and then prescribe appropriate treatment.

Oral Presentations | OR13-1

Outcomes and Database Research - Cardiac Outcomes & Risk

8-9:30 a.m. | Room 243

Oral Presentations | OR17-1

Respiration-Ventilation

8-9:30 a.m. | Room 245

Poster Presentations | P008-3

Equipment, Monitoring and Engineering Technology: Circulation

8-10 a.m. | Hall B1-Area C

Hands-on Workshop | DW01

Basic/Advanced Flexible Fiberoptic Intubation Workshop

8-10:30 a.m. | Room 353-355

Hands-on Workshop | DW02

10:30 a.m.-1 p.m. | Room 353-355

Hands-on Workshop | DW03

2:30-5 p.m. | Room 353-355

Katherine Gil M.D

Basic to Intermediate to Advanced flexible fiberoptic experience: an introductory discussion of clear indications, contraindications, techniques, and complications of scope use. Expert instructors from at least 6 countries (instructing in multiple languages) to guide you through flexible scope hands-on areas to develop your skill. Mini discussions on local airway anesthetic and hands-on equipment, with questions and answers in small groups. Instructors guide you in combined flexible scope use in hands-on areas, to assist the successful completion of most major airway devices. Learn to make a cheap, 5-minute dexterity model and practise with multiple levels of difficulty. Experience practising with computerized systems: Virtual Fiberoptic Intubation and ORSIM simulator program. Challenge yourself in the human simulation systems with difficult intubation scenarios and in the trouble-shooting area. Receive handout checklists for all facets of fiberoptic practice and intubation. **Gail Randel M.D. David Wong M.D. Valerie Armstead, M.D. Radha Arunkumar M.B., B.S. Lauren Berkow M.D. Sylvain Boet M.D., M.Ed. Richard Cooper M.D. Elifce Cosar M.D. Pierre Diemunsch M.D. Stephen Dierdorf M.D. D. John Doyle M.D. Ludwik Fedorko M.D., Ph.D. David Feinstein M.D. Lorraine Foley M.D. Giulio Frova M.D. Katherine Hagan M.D. Grant Lindsay Hounsell M.D. Ling Qun Hu M.D. Orlando Hung M.D. Marshal Kaplan M.D. Robert Krohner D.O. Vicente Martinez-Pons M.D., Ph.D. Maria Matuszczak M.D. Alonso Mesa M.D. Leonid Minkovich M.D. Michael Murphy M.D. Andrew Roth M.D. Bettina Schmitz M.D., Ph.D., DEAA Massimiliano Sorbello M.D. Francis Stellaccio M.D. Ljuba Stojiljkovic M.D., Ph.D. Adriaan Van Rensburg M.D. Lakshmikumar Venkat Raghavan M.B., B.S. Leonard Wade, M.S. Ashutosh Wali M.D., M.B., B.S. Marcin Wasowicz M.D. David Wong M.D. Meltem Yilmaz M.D. Andrew Zura M.D.**

Hands-on Workshop | 802

Workshop on Emergency Surgical Airway Management Using a Pig Trachea Model

8-11 a.m. | Room 278-279

William Rosenblatt M.D.

The ability to perform an invasive airway is an essential skill for all anesthesiologist. This workshop will focus on the performance of several percutaneous airway techniques in a unique swine trachea preparation designed for the ASA and the Society for Airway Management. After a short didactic session, each participant will perform all of the following techniques: Translaryngeal aspiration and needle placement, percutaneous large bore catheter placement (Seldinger delivery), Percutaneous large bore catheter placement (puncture delivery), bougie aided laryngeal tracheal tube placement and a unique blind cricothyrotomy technique developed for the US military, Cric-key. In addition, a high-pressure oxygen/mannequin station will be available for the practice of tranlaryngeal jet oxygenation. **Ron Abrons M.D., Ph.D. Jennifer Anderson M.D. D. John Doyle M.D. Jessica Feinleib M.D., Ph.D. Allan Klock M.D. Andrew Zura M.D.**

Seminar | 805**Statistics for Anesthesiologists**

8-11 a.m. | Room 335-336

Jeffrey Gross M.D.

This workshop will include a brief review of statistical terminology and basic principles of descriptive and inferential statistics. Some common statistical myths will also be busted during the presentation. The workshop includes a self-evaluation quiz which will be reviewed at the end of the session. No mathematical background is required, and the examples lend themselves to easy computation. **Keith Gipson M.D., Ph.D.**

Hands-on Workshop | AW01**Workshop on Flexible Endoscopy for Lung Isolation**

9-10:15 a.m. | Room 356-357

Hands-on Workshop | AW02

10:30-11:45 a.m. | Room 356-357

Hands-on Workshop | AW03

12-1:15 p.m. | Room 356-357

Hands-on Workshop | AW04

1:30-2:45 p.m. | Room 356-357

Hands-on Workshop | AW01

3-4:15 p.m. | Room 356-357

Scott Schartel D.O.

The workshop is structured to provide participants with instruction and practical experience in the use of flexible endoscopy for achieving lung isolation/one lung ventilation. Participants will work with models of the tracheobronchial tree that allow placement of endobronchial tubes (right and left) and various types of bronchial blockers. Flexible video endoscopes connected to video displays will be used. Participants will be given an opportunity to learn the endoscopic anatomy of the tracheobronchial tree to facilitate the correct placement of the various devices. The workshop is structured in a way that will allow participants to receive individual attention and work at their own level. The workshop can accommodate novices seeking basic information and advanced practitioners seeking answers to more complex questions. The use of multiple instructors during each workshop will provide opportunities for participants to experience a variety of approaches to the same tasks and problems. **William Simmons M.D. Dalia Banks M.D. Kyle Harrison M.D. Jerry Clark M.D. Elizabeth Drum M.D. Andrew Herlich M.D. Douglas Hester M.D. Swapnil Khoche M.B., B.S. Jerome Klawns M.D. Timothy Maus M.D. Sheela Pai M.D. Amy Robertson M.D. Daniel Roke M.D. Michael Woo M.D.**

Problem-Based Learning Discussions | L014**Management of Antiplatelet Therapy in Patients With Coronary Stents for Noncardiac Surgery**

9-10:15 a.m. | Room 343-345

Davide Cattano M.D., Ph.D.**Problem-Based Learning Discussions | L017****Perioperative Laboratory and Cardiac Testing: What Is Necessary?**

9-10:15 a.m. | Room 343-345

David Hepner M.D.**Problem-Based Learning Discussions | L019****I Swear It Will Only Take 15 Minutes: Anesthesia/Sedation for TEE/ Cardioversion**

9-10:15 a.m. | Room 343-345

Julia Metzner M.D.**Problem-Based Learning Discussions | L022****Perioperative Management of the Anemic Patient**

9-10:15 a.m. | Room 343-345

Russell Roberson M.D.**Poster Discussions | PD08-1****Equipment, Monitoring and Engineering Technology: Utilizing Technology - Imaging and Closed Loop Systems**

10-11:30 a.m. | Room 244

Poster Presentations | P013-3**Outcomes and Database Research**

10 a.m.-12 p.m. | Hall B1-Area D

Problem-Based Learning Discussions | L028**A Patient With a Temperature of 102.5 F and Rigors 3 Hours After Surgery**

12:30-1:45 p.m. | Room 343-345

Theresa Gelzinis M.D.**Problem-Based Learning Discussions | L034****My Patients Never Have Residual Paralysis in the PACU, or Do They?**

12:30-1:45 p.m. | Room 343-345

Stephan Thilen M.D., M.S.**Poster Presentations | P008-5****Equipment, Monitoring and Engineering Technology: Ventilation and Supraglottic Airways**

1-3 p.m. | Hall B1-Area B

Refresher Course Lecture | 127**Hospital System Failures and Hazard Management in the Operating Room**

1:30-2:30 p.m. | Room E-1

P. Klock M.D.

This refresher course lecture will provide a generic framework for responding to hospital system failures during anesthetic care. Topics include: Failure of the following systems: Electrical, Communication, Fresh Water, Steam, HVAC, Suction. In addition to these system failures, floods and fires in the operating room will be covered.

Refresher Course Lecture | 118**Anesthesia for Major Orthopedic Surgery**

2:45-3:45 p.m. | Room E-2

Andrew Rosenberg M.D.

This lecture will cover areas and issues involved in major orthopedic anesthesia including regional anesthesia, spine surgery, beach chair position, rheumatoid arthritis, and considerations associated with thromboprophylaxis.

Refresher Course Lecture | 120**Operating Room Fire Safety**

2:45-3:45 p.m. | Room 260-262

William Culp M.D.

Operating room fires represent a constant threat to patients undergoing surgery, and occur at least as often as wrong-site surgery. This problem has received intense attention from the lay press as well as The Joint Commission and the Anesthesia Patient Safety Foundation, among others. This presentation will serve to describe the background of the problem, specifically discussing the conditions necessary for fire to occur, and how anesthesiologists can play a key role in reducing this threat. Recently updated safety guidelines to prevent fires by altering anesthetic technique will be covered. Finally, new research in the field will be presented to provide a better scientific appreciation of the scope of this safety problem.

Problem-Based Learning Discussions | L036**Anesthetic Management of a Patient With Penetrating Chest Trauma**

3:30-4:45 p.m. | Room 343-345

Charles Smith M.D.**Problem-Based Learning Discussions | L045****Blood IS Thicker Than Water: Anesthetic Concerns of Hypercoagulability**

3:30-4:45 p.m. | Room 343-345

Gregory Rose M.D.**Problem-Based Learning Discussions | L046****Prevention and Management of Intraoperative Awareness in High Risk Patients**

3:30-4:45 p.m. | Room 343-345

Kathleen Smith M.D.**Refresher Course Lecture | 122****Mastering Anesthesia for the Elderly Patient**

4-5 p.m. | RiverGate

Jeffrey Silverstein M.D.

This session will focus on application of current knowledge and evolving guidelines and standards to assure that your approach to the care of the elderly patients is grounded in the current state of the art. Participants can expect to garner numerous opportunities to improve their care of the elderly surgical patient.

Sunday, October 12**Problem-Based Learning Discussions | L051****Beyond Swiss Cheese - Cases for the Anesthesia Patient Safety Officer**

7:15-8:30 a.m. | Room 343-345

Jonathan Cohen M.D.**Problem-Based Learning Discussions | L052****A Patient With a Temperature of 102.5 F and Rigors 3 hours after Surgery**

7:15-8:30 a.m. | Room 343-345

Theresa Gelzins M.D.**Subspecialty Panels | 603****(STA) How Can Mobile Technology Help Me Help My Patients?**

7-8:15 a.m. | Room 228-230

Maxime Cannesson M.D., Ph.D.

Mobile technology devices (e.g. smartphones and tablet computers) and apps are nearly ubiquitous tools that are carried by anesthesia providers in the perioperative setting. As computing power and software sophistication has grown, so has the potential to use mobile technology to enhance various aspects of anesthesia practice. This panel will explore how applications of mobile technology can improve patient care, perioperative communication, healthcare resource utilization, and education. **Allan Simpaio M.D. Mobile Devices for Critical Event Preparedness and Management Brian Rothman M.D. Mobile Medical Apps Impact on Healthcare Consumption Jorge Galvez M.D. Communication, Cloud Computing, and Collaboration Using Mobile Technology**

Clinical Forum | CF04**Evidence-Informed Anesthesia for the Severely Obese; Example Obstetrics and Gynecology - Does It Exist?**

8-9:30 a.m. | Room 206-207

Roman Schumann M.D.**Intraoperative Ventilation Strategies and Extubation Criteria in the Complex Obese Patient**

Two cases describe the complexity that can arise when caring for an obese parturient or a severely obese woman for routine minimally invasive hysterectomy and hiatal hernia repair. The cases will allow us to examine and discuss with the audience the best available practice evidence for preoxygenation and airway management, intraoperative ventilation management and extubation decision making of the severely obese. Physiologic changes of obesity combined with pregnancy will be addressed, as well as the dilemma for dosing of anticoagulants and antibiotics in this population. **Vilma Ortiz M.D. Airway Optimization and Management of the Morbidly Obese Obstetric Patient and Combined Obesity and Pregnancy Induced Physiological Changes John Walsh M.D. Antibiotic and Anticoagulant Pharmacology and Dosing in the Severely Obese**

90 Minute Panel | PN50**Airway Management Training: Are We Keeping Up With Technology?**

8-9:30 a.m. | Room 208-210

Nicholas Nedeff M.D.**A Multimodal Approach to Airway Training: Does It Make a Difference?**

This panel will provide an overview of different curriculum and methods, such as simulation, interactive hands-on sessions, and traditional lectures, being used for airway management training. Addressed will be the new technologies and devices, such as video laryngoscopes and supraglottic devices, that have been recently introduced for airway management and how they affect both the way we manage airways and the way we train residents in managing airways. Different assessment tools for evaluating resident performance will also be addressed. Novel approaches to airway management training and solutions to limitations in airway management training will be suggested. **Ljuba Stojilj Kovic, M.D., Ph.D. Simulation and Airway Management: Its Uses, Benefits, and Limitations Carin Hagberg M.D. New Airway Devices and Their Impact on How We Manage Airways**

Poster Presentations | P002-1**Anesthetic Action and Biochemistry: Efficacy and Safety of Current and Emerging Anesthetics and Analgesics**

8-10 a.m. | Hall B1-Area C

Poster Presentations | P013-1
Outcomes and Database Research
 8-10 a.m. | Hall B1-Area A

Hands-on Workshop | DW04
Basic/Advanced Flexible Fiberoptic Intubation Workshop
 8-10:30 a.m. | Room 353-355

Hands-on Workshop | DW05
 10:30 a.m.-1 p.m. | Room 353-355

Hands-on Workshop | DW06
 2:30-5 p.m. | Room 353-355

Katherine Gil M.D.

Basic to Intermediate to Advanced flexible fiberoptic experience: an introductory discussion of clear indications, contraindications, techniques, and complications of scope use. Expert instructors from at least 6 countries (instructing in multiple languages) to guide you through flexible scope hands-on areas to develop your skill. Mini discussions on local airway anesthetic and hands-on equipment, with questions and answers in small groups. Instructors guide you in combined flexible scope use in hands-on areas, to assist the successful completion of most major airway devices. Learn to make a cheap, 5-minute dexterity model and practise with multiple levels of difficulty. Experience practising with computerized systems: Virtual Fiberoptic Intubation and ORSIM simulator program. Challenge yourself in the human simulation systems with difficult intubation scenarios and in the trouble-shooting area. Receive handout checklists for all facets of fiberoptic practice and intubation. **Gail Randel M.D. David Wong M.D. Valerie Arnistead, M.D. Radha Arunkumar M.B., B.S. Lauren Berkow M.D. Sylvain Boet M.D., M.Ed. Richard Cooper M.D. Elifce Cosar M.D. Pierre Diemunsch M.D. Stephen Dierdorf M.D. D. John Doyle M.D. Ludwik Fedorko M.D., Ph.D. David Feinstein M.D. Lorraine Foley M.D. Giulio Frova M.D. Katherine Hagan M.D. Grant Lindsay Hounsell M.D. Ling Qun Hu M.D. Orlando Hung M.D. Marshal Kaplan M.D. Robert Krohner D.O. Vicente Martinez-Pons M.D., Ph.D. Maria Matuszczak M.D. Alonso Mesa M.D. Leonid Minkovich M.D. Michael Murphy M.D. Veronica Payne M.B.,B.S. Andrew Roth M.D. Bettina Schmitz M.D., Ph.D., DEAA Massimilano Sorbello M.D. Francis Stellaccio M.D. Ljuba Stojiljkovic M.D., Ph.D. Adriaan Van Rensburg M.D. Lakshmikumar Venkat Raghavan M.B.,B.S. Leonard Wade, M.S. Ashutosh Wali M.D., M.B.,B.S. Marcin Wasowicz M.D. David Wong M.D. Meltem Yilmaz M.D. Andrew Zura M.D.**

Problem-Based Learning Discussions | L061
Anesthetic Management of a Patient With Penetrating Chest Trauma
 9-10:15 a.m. | Room 343-345
Charles Smith M.D.

Problem-Based Learning Discussions | L069
Prevention and Management of Intraoperative Awareness in High Risk Patients
 9-10:15 a.m. | Room 343-345
Kathleen Smith M.D.

Problem-Based Learning Discussions | L070
Airway Management of a Patient With Penetrating Neck Injury
 9-10:15 a.m. | Room 343-345
Albert Varon M.D.

Refresher Course Lecture | 211
Perioperative Management of Patients With Left Ventricular Assist Devices Undergoing Noncardiac Surgery
 9:15-10:15 a.m. | Room 260-262
Michael O'Connor M.D.

This Refresher Course Lecture will use physiologic and pharmacologic principles to assist the learner in develop a rational strategy for providing anesthesia for noncardiac surgery in patients with ventricular assist devices (VADs).

Hands-on Workshop | AW06
Workshop on Flexible Endoscopy for Lung Isolation
 9-10:15 a.m. | Room 356-357

Hands-on Workshop | AW07
 10:30-11:45 a.m. | Room 356-357

Hands-on Workshop | AW08
 12-1:15 p.m. | Room 356-357

Hands-on Workshop | AW09
 1:30-2:45 p.m. | Room 356-357

Hands-on Workshop | AW10
 3-4:15 p.m. | Room 356-357

Scott Schartel D.O.

The workshop is structured to provide participants with instruction and practical experience in the use of flexible endoscopy for achieving lung isolation/one lung ventilation. Participants will work with models of the tracheobronchial tree that allow placement of endobronchial tubes (right and left) and various types of bronchial blockers. Flexible video endoscopes connected to video displays will be used. Participants will be given an opportunity to learn the endoscopic anatomy of the tracheobronchial tree to facilitate the correct placement of the various devices. The workshop is structured in a way that will allow participants to receive individual attention and work at their own level. The workshop can accommodate novices seeking basic information and advanced practitioners seeking answers to more complex questions. The use of multiple instructors during each workshop will provide opportunities for participants to experience a variety of approaches to the same tasks and problems. **William Simmons M.D. Dalia Banks M.D. Kyle Harrison M.D. Jerry Clark M.D. Elizabeth Drum M.D. Andrew Herlich M.D. Douglas Hester M.D. Swapnil Khoche M.B., B.S. Jerome Klafra M.D. Timothy Maus M.D. Sheela Pai M.D. Amy Robertson M.D. Daniel Roke M.D. Michael Woo M.D.**

Oral Presentations | OR13-2
Outcomes and Database Research - Evaluation of Risk
 10-11:30 a.m. | Room 244

Point-Counterpoint | PC08**Perioperative Colloid Administration - Should it be Abandoned?**

10-11:30 a.m. | Room 211-213

Marc Rozner Ph.D., M.D.**PRO: Colloid Administration is Expensive, Offers No Benefit and Possibly Causes Harm****John Drummond M.D., CON: Colloids are Safe, Effective, and Useful**

The 1998 Cochrane albumin meta-analysis fired the shot heard round the world with respect to albumin use. As a result, over the past 15 years, several large scale studies have attempted to identify reason(s) for this excess mortality in the albumin treated groups. Also during this time, hydroxyethyl starch (HES) solutions were introduced to overcome albumin issues. However, several HES safety and efficacy studies came under fire for fraudulent research practices with many retractions, and recent meta-analyses that excluded retracted studies have found excess kidney injury requiring renal replacement and, possibly, decreased survival in the HES treated groups. Since both albumin and HES are more expensive than equipotent crystalloid, offer no additional benefit, and possibly introduce harm, these reports again raise the questions of safety and efficacy of routine noncrystalloid administration in the perioperative period.

Poster Presentations | P008-1**Equipment, Monitoring and Engineering Technology: Securing the Airway**

10 a.m.-12 p.m. | Hall B1-Area C

Problem-Based Learning Discussions | L080**It's Only a MAC Case and Now My Patient is on FIRE!**

12:30-1:45 p.m. | Room 343-345

Mark Phillips M.D.**Poster Discussions | PD08-2****Equipment, Monitoring and Engineering Technology: Enhancing Patient Safety and Environmentally Sound Practices**

1-2:30 p.m. | Room 243

90 Minute Panel | PN102**Perioperative Management of Patients With Endocrine Disease: A Global Perspective**

1-2:30 p.m. | Room 255-257

Karen Domino M.D., M.P.H.

This 90 minute panel will focus on the perioperative management of patients with important endocrine disorders from a global perspective. The three s are internationally recognized authorities in the anesthetic management of patients with endocrine disorders. **Pedro Ibarra M.D., MSc Diabetes and Perioperative Infection Risk Yuguang Huang M.D Anesthetic Management of Patients with Multiple Endocrine Neoplasia and Pheochromocytoma Concezione Tommasino M.D. Perioperative Management of Patients With Pituitary Disorders**

120 Minute Panel | PN11**Intravenous Anesthesia Beyond Propofol**

1-3 p.m. | Room 220-222

Keira Mason M.D.

The induction and maintenance of anesthesia is expanding as new sedatives and anesthetics have been introduced and are in development. This panel will explore the emerging options not only for agents, but also for routes and methods of delivery. The pharmacokinetics, pharmacodynamics and clinical applications of alternatives will be explored in addition to novel delivery techniques which include Target Controlled Infusions and Computerized Assisted Delivery Systems. The role of pharmacogenomics and its potential application to anesthesia delivery will be reviewed. **Anthony Absalom M.D. Are Target Controlled Infusions in Our Future? Walter Maurer M.D. Will Computerized Assisted Delivery Systems Replace Anesthesiologists?**

Poster Presentations | P013-5**Outcomes and Database Research**

1-3 p.m. | Hall B1-Area A

Hands-on Workshop | 817**Awake Fiberoptic Intubation: A Streamlined Approach With Nerve Blocks**

1-4 p.m. | Room 348-349

Scott Miller M.D.

This workshop will begin with a multimedia lecture that provides an overview of how to successfully achieve skillful awake fiberoptic intubations. This lecture will emphasize the participants' understanding of when awake fiberoptic intubations should be performed, patient preparation, sedation schemes, and an overview of the individual techniques that compose the awake fiberoptic intubation. Participants will then rotate through four distinct stations that each focus on one of these discussed techniques. While moving through these skills stations, participants will have hands-on instruction while utilizing live models and mannequins to simulate airway nerve blocks and reinforce proficiency. Additionally, participants will receive hands-on training to develop advanced fiberoptic scope techniques using mannequins and simulated airway mazes. **Melissa Laxton M.D. John Edward Reynolds M.D. Andrea Strathman M.D. Justin Traunero M.D.**

Refresher Course Lecture | 223**Perioperative Management of Pulmonary Hypertension**

1:45-2:45 p.m. | RiverGate

Ronald Pearl M.D., Ph.D.

The number of patients with pulmonary hypertension undergoing surgery is rapidly increasing, but these patients traditionally have high morbidity and mortality. These patients can undergo anesthesia and surgery with good outcomes by following a seven step approach: recognizing the disorder, diagnosing the etiology, assessing the severity of the disease, assessing the risks and benefits of anesthesia and surgery, developing an anesthetic plan, choosing the correct monitoring, and managing the anticipated complications of systemic hypotension and right heart failure.

Refresher Course Lecture | 224**Obstructive Sleep Apnea - What an Anesthesiologist Should Know**

1:45-2:45 p.m. | Room E-1

Frances Chung M.B.B.S., F.R.C.P.C.

The prevalence of patients with obstructive sleep apnea is 11.4% in male and 4.7% in female. About 85% to 90% of patients with obstructive sleep apnea are not diagnosed. There may be increased risk of perioperative complications. It is essential that anesthesiologist know how to identify patients with undiagnosed obstructive sleep apnea and learn the perioperative pathways for the management of patients with obstructive sleep apnea.

Refresher Course Lecture | 231**Neuromuscular Management and Patient Outcomes**

3-4 p.m. | Room E-2

Glenn Murphy M.D.

The aim of this session is to review the effects of residual neuromuscular blockade on clinical outcomes. Techniques that may be used to reduce residual paresis and improve patient safety will be discussed.

Clinical Forum | CF07**A 65-Year-Old Male; Preoperative Evaluation and Management of CAD for Robotic Prostate Surgery**

3-4:30 p.m. | Room 206-207

Paul Kempen M.D., Ph.D.**Cardiac Stents-Management and Operative Thrombosis**

This forum will explore controversial developments relating to the intersection of pre- and perioperative anesthesia and cardiac management of stented patients, including intraoperative stent thrombosis management. Topics will include, but not be limited to, advances in stent designs, preoperative testing, antithrombotic medications and impact on outdated vs more recent management guidelines and the controversial role of perioperative beta blockade. **Michael Boisen M.D. Perioperative Stent Thrombosis and Surgical Risk- Clinical Management Shamsuddin Akhtar M.D.**

Perioperative Antiplatelet Management of Stented Patients and Guidelines Kathirvel Subramaniam M.D. Preoperative Evaluation, Perioperative Statins, and Stenting**Oral Presentations | OR07-2****Drug Disposition, Metabolism and Elimination**

3-4:30 p.m. | Room 243

Oral Presentations | OR17-2**Respiration-Respiration-Respiration-Basic Mechanisms, Animal Models and Clinical Science**

3-5 p.m. | Room 244

120 Minute Panel | PN15**Fluid Administration in the Operating Room: An Update Focusing on Recent Literature**

3-5 p.m. | Room 203-205

Andrew Leibowitz M.D.**Monitoring and Optimizing Intravascular Volume**

This panel will provide an updated view on intraoperative fluid administration with emphasis on the determination of how much and what kind is appropriate. It will focus on recent literature that emphasizes the importance of meticulous fluid administration on patient outcome. **John Ellis M.D. Crystalloids Versus Colloids Michael Wall M.D. Are Synthetic Colloids Safe? Steven Venticinque M.D. Choosing the Correct Crystallloid**

90 Minute Panel | PN65**Optimization of the High-Risk Surgery Patient in the Era of Enhanced Recovery After Surgery and Perioperative Surgical Home**

3:30-5 p.m. | Room 255-257

Maxime Cannesson M.D., Ph.D.**Hemodynamic Optimization Strategies and Perioperative Goal Directed Therapy for the High-Risk Surgery Patient**

High-Risk surgery represents 10% of the overall volume of surgeries performed in the US but account for 80% of the overall postoperative mortality and complications. Hemodynamic and ventilation optimization strategies have potential to improve the post-operative outcome of these patients. The Perioperative Surgical Home concept aims at improving standardization of care and postoperative outcome by systematic implementation of best evidence / best practices. This panel will describe the postoperative outcome of high-risk surgery patients, how the perioperative surgical home concept can help improving outcome, and how best evidence hemodynamic and ventilation strategies can be applied at the bedside to improve outcome. **Zeev Kain M.D., M.B.A. Perioperative Surgical Home for the High-Risk Surgery Patient: Past, Present, Future Emmanuel Futier M.D., Ph.D. Ventilation Strategies for the High-Risk Surgery Patient After the IMPROVE Study**

120 Minute Panel | PN17**Preoperative Assessment and Management**

3:30-5:30 p.m. | Room 252-254

David Hepner M.D.**Minimizing Pre-Procedural Testing**

This panel will emphasize the unique role of anesthesiologists during the perioperative period leading preoperative clinics and coordinating perioperative care. This panel will introduce the participant to the national shift moving away from preoperative testing to the practice of preoperative medicine. Panel will consist of national experts in preoperative assessment and management who will present cutting-edge evidence based concepts and protocols for implementing evaluation and management of higher risk patients to facilitate improved outcomes. These topics have been areas of changing clinical practice and research over the last couple of years and would prove to be quite helpful for members practicing in all type of settings. **Angela Bader M.D. Surgical Appropriateness Angela Edwards M.D. The Surgical Home Bobbie Jean Sweitzer M.D. Moving Away from Preoperative Testing to the Practice of Preoperative Medicine**

Refresher Course Lecture | 238**Weapons of Mass Destruction: Improvised Explosive Devices**

4:15-5:15 p.m. | Room E-3

Michael Murray M.D., Ph.D.

Review of IEDs - their mechanism, their injury pattern and how anesthesiologists should be prepared to manage casualties from an IED. An important topic that should be of interest to anesthesiologists following the Boston Marathon Bombing.

Refresher Course Lecture | 240**What's New in Airway Management**

4:15-5:15 p.m. | La Nouvelle Ballroom AB

Lauren Berkow M.D.

This lecture will discuss conventional as well as newer methods of airway evaluation, and how to use these methods to predict difficult mask ventilation and intubation. A brief review of the ASA Difficult Airway Algorithm as well as a review of the currently available airway devices will be presented. The lecture will also discuss extubation strategies and the challenges of airway management outside the operating room setting. Finally, the role of standardization and the importance of difficult airway reporting and tracking and how to develop these initiatives will be discussed.

Monday, October 13**Problem-Based Learning Discussions | L097****Help - My Patient Is on a Multi-Chemotherapeutic Regimen and Is Coming for a Laparotomy! What Do I Need to Know?**

7:15-8:30 a.m. | Room 343-345

Anoushka Afonso M.D.**Problem-Based Learning Discussions | L102****Malignant Hyperthermia in a Child Having a Tethered Cord Release**

7:15-8:30 a.m. | Room 343-345

Tae Kim M.D.**Problem-Based Learning Discussions | L108****Airway Management of a Patient With Penetrating Neck Injury**

7:15-8:30 a.m. | Room 343-345

Albert Varon M.D.**Refresher Course Lecture | 301****Positioning Problems You Hope to Never Encounter**

8-9 a.m. | RiverGate

Mark Warner M.D.

This presentation highlights both common and rare positioning issues that anesthesiologists encounter and discusses opportunities to avoid these potentially devastating problems.

Oral Presentations | OR13-3**Outcomes and Database Research**

8-9:30 a.m. | Room 245

120 Minute Panel | PN19**ACUTE Care Anesthesiology: Strategies for the Management of Trauma, Emergencies and Disasters**

8-10 a.m. | Room 220-222

Maureen McCunn M.D., MIPP

The ACUTE CARE anesthesiologist is an expert in resuscitation strategies for trauma, emergencies, and disasters. Traditional goals of care may be secondary to immediate life-saving therapies. Learning to think differently in the approach to these patients challenges our conventional training. **Armagan Dagal M.D., FRCA Anesthesia for Non-Neurosurgical Procedures in Neurologically Injured Patients Olga Kaslow M.D., Ph.D. Anesthesia for Patients with Acute Abdomen: Old Problem and New Challenges Yun-Xia Zuo M.D. Anesthesiologists Play Critical Roles in Rescue for Earthquake Wounded**

120 Minute Panel | PN21**Neuromuscular Blockade and Reversal**

8-10 a.m. | Room 228-230

Sorin Brull M.D.**Safety Issues Regarding Neuromuscular Blockade and Reversal**

This panel focuses on the issue of residual paralysis. Data highlighting the susceptibility of the upper airway and control of breathing to residual blockade will be presented. An update on monitoring techniques will be provided, and safety issues related to neostigmine reversal will be addressed. Clinical experience with sugammadex in other countries and future reversal strategies will be discussed. **Lars Eriksson M.D., Ph.D., FRCA What Is the Optimal Target for Neuromuscular Recovery? Glenn Murphy M.D. Avoiding the Consequences of Neuromuscular Blockade Matthias Eikermann M.D. Is There Life after (or without) Sugammadex?**

Poster Presentations | P008-2**Equipment, Monitoring and Engineering Technology: Coagulation, Hemoglobin, and Glucose**

8-10 a.m. | Hall B1-Area C

Seminar | 821**Grant Writing and the NIH Study Section for the Uninitiated**

8-11:00 a.m. | Room 348

Michael Andrae M.D.**Career Pathways and Grant Opportunities for Junior Investigators**

Participants will be immersed in a mock NIH-study section as reviewers of NIH grant submissions in anesthesia. Each participant will receive two authentic NIH grant applications to read, review and rate prior to the workshop. For the breakout NIH mock study sessions, participants will divide into small groups led by the presenters with research interests spanning animal, human subject and data driven research. Participants will present their assigned grant applications according to the actual NIH-study section process. Before and between mock study sessions, the presenters will delineate typical career pathways for junior researchers in anesthesiology, point to the corresponding private and public funding opportunities in their respective field of interests and introduce participants to the NIH merit review. Presenters will share clinical pearls on what reviewers are looking for, how to integrate research plan and career development seamlessly on paper and in practice and on statistical aspects, budget issues and IRB concerns. The presenters have ample experience with the NIH merit review, are NIH or NSF funded and actively involved in the mentor-trainee relationships. Participants experience the NIH merit review in this workshop from the perspective of a time-pressed reviewer. Participants may submit their own applications and learn from the ensuing debate. According to experienced NIH/NSF researchers, reading several grant applications, pinpointing their strengths and weaknesses and comparing them to one's own application is enlightening. An appreciation of the NIH merit review is crucial for funding success. **Brian Ilfeld M.D., M.S. Your Career Development Plan for a Mentored Research Training Program: Presentation and Substance Matthew Johnson Ph.D. How to Refine Your Methods and Statistics Section Jeffrey Silverstein M.D. The NIH Merit Review Process: An Inside Perspective Gary Strichartz Ph.D. Explaining Complex and Unfamiliar Concepts to Diverse NIH Reviewers Emery Brown M.D., Ph.D. Dolores Njoku M.D. Marcos Vidal-Melo M.D., Ph.D.**

Hands-on Workshop | 824A**Difficult Airway Workshop With Simulation**

8-11 a.m. | Room 353-355

Hands-on Workshop | 824A

1-4 p.m. | Room 353-355

Allan Reed M.D.

This workshop will provide didactic and practice learning. The lecture portion will discuss important issues in difficult airway management. The practice portion will offer hands-on experience with various airway devices and difficult airway simulation.

Elizabeth Behringer M.D. Joseph Quinlan M.D. George Arndt M.D. Shawn T. Beaman, M.D. Lauren Berkow M.D. Ansgar Brambrink M.D., Ph.D. Edmond Cohen M.D. Richard Cooper M.D. D. John Doyle M.D., Ph.D. David Ferson M.D. Lorraine Foley M.D. Michael Frass M.D. Theresa Gelzinis, M.D. Cheryl Gooden M.D. Carin Hagberg M.D. Antonio Hernandez M.D. Marshal Kaplan M.D. Michael Kristensen M.D. Pastor Luna M.D. Adrian Matic M.D. Robert Naruse M.D. Muhaammed Nasir M.B.,B.S. Vladimir Nekhendzy M.D. Steven Neustein M.D. Irene Osborn M.D. Ellen O'Sullivan FCAI, FRCA, FCPSP Anahi Perlas M.D. Ryan Romeo, M.D. William Rosenblatt M.D. Patricia Roth M.D. John Schaefer III, M.D. Maria Shier M.D. Francis Stellaccio M.D. Tracey Straker M.D., M.P.H. Maya Suresh M.D. Wendy Teoh M.B.,B.S., FANZCA Felipe Urdaneta M.D. Sonia Vaida M.D. Chandu Verghese M.D. Ashutosh Wali M.D., M.B.,B.S. Andrew Zura M.D.

Problem-Based Learning Discussions | L110**Trauma Induced Coagulopathy**

9-10:15 a.m. | Room 343-345

Maged Andrews M.B.,B.Ch.**Problem-Based Learning Discussions | L118****A Patient With End-Stage Liver Disease for Elective Surgery**

9-10:15 a.m. | Room 343-345

Christopher Darling D.O., Michael Hannaman M.D.**Problem-Based Learning Discussions | L122****Oh No! Both Arteries in My Neck Are Blocked! Now What?**

9-10:15 a.m. | Room 343-345

Stanlies D'Souza M.D.,F.R.C.A**Refresher Course Lecture | 309****A Few New Papers From Outside Anesthesia Which Can Affect Your Practice**

9:15-10:15 a.m. | Room E-2

James Eisenach M.D.

This course will review take a few papers published within the past year outside the specialty which have direct impact on patient medical care in the perioperative, pain, and critical care areas.

Poster Presentations | P013-2**Outcomes and Database Research**

10 a.m.-12 p.m. | Hall B1-Area B

Poster Presentations | P017-1**Respiration-Clinical and Basic Science**

10 a.m.-12 p.m. | Hall B1-Area A

Refresher Course Lecture | 314**Perioperative Glycemic Management: A Practical Guide**

12:30-1:30 p.m. | Room E-2

Basem Abdelmalak M.D.

After completing this refresher course attendees will be able to formulate a comprehensive evidence based yet practical and a clinically relevant plan for perioperative glycemic management. Differences between diabetics and hyperglycemic non-diabetics will be discussed. The whole spectrum of care will be covered; pre-operative assessment, intraoperative management and postoperative care. Management of patients utilizing insulin pumps will be discussed in details.

Problem-Based Learning Discussions | L125**Can the Adult Patient With Morbid Obesity and Obstructive Sleep Apnea Safely Undergo Outpatient Surgery?**

12:30-1:45 p.m. | Room 343-345

Kenneth Hiller M.D.**Problem-Based Learning Discussions | L127****The Unanticipated Difficult Airway: A Dynamic and Dangerous Scenario**

12:30-1:45 p.m. | Room 343-345

Lavinia Kolarczyk M.D.**Problem-Based Learning Discussions | L130****I Swear It Will Only Take 15 Minutes: Anesthesia/Sedation for TEE/ Cardioversion**

12:30-1:45 p.m. | Room 343-345

Julia Metzner M.D.**Problem-Based Learning Discussions | L131****Blood IS Thicker Than Water: Anesthetic Concerns of Hypercoagulability**

12:30-1:45 p.m. | Room 343-345

Gregory Rose M.D.**Oral Presentations | OR02-1****Anesthetic Action and Biochemistry: Off Target Effects of Anesthetics to Improve Patient Safety**

1-2:30 p.m. | Room 231-232

Point-Counterpoint | PC11**Computer-Assisted Personalized Sedation (CAPS) - Is the Coming Technology of CAPS a Friend or Foe?**

1-2:30 p.m. | Room 211-213

Walter Maurer M.D.**Brief Review of the Marketplace for CAPS Devices**

This point counterpoint session will have active audience involvement showing how this new technology might fit into our future practice. How can CAPS be safely used on ASA 3 & 4 patients? How can CAPS be used outside of GI cases? When do you need more than an RN to monitor a patient using CAPS? **Richard Urman M.D., M.B.A., C.P.E. PRO: Technology Being Used to Assist Skill Sets, Matching Resources with Anesthesia Needs, CAPS Can Actually Help Us Steven Boggs M.D., M.B.A. CON: So You Want MAC Without an Anesthetist? Where Have Our Standards Gone!**

90 Minute Panel | PN72**Morbid and Ultra Obesity: Growing Challenge in Anesthesiology**

1-2:30 p.m. | Room 252-254

Ashish Sinha M.D., Ph.D.**Epidemiology of Obesity**

Morbid Obesity is the ubiquitous problem facing all medical practitioners especially anesthesiologists. Whether one chooses to practice obstetric anesthesia or pain management, obesity is the growing challenge in anesthesia. With two-thirds of the US population overweight or obese, the 'new normal' is heavier (and older and sicker). Management of these patients requires a thorough understanding of anatomical, physiological and pharmacological changes with obesity and a few fail-safe approaches, particularly to the airway. These lectures will cover that, along with other information on sleep apnea, metabolic syndrome and non-narcotic approach to the pain management of the morbidly obese. **Frances Chung, M.B.B.S., F.R.C.P., Sleep Apnea Jan Mulier M.D., Ph.D. Opioid Free Anesthesia Patrick Neligan M.B., B.Ch. Metabolic Syndrome**

90 Minute Panel | PN73**How Do We Decide When Not to Operate? Facing Challenges in Surgical Decision-Making for Older Adults**

1-2:30 p.m. | Room 255-257

Mark Neuman M.D., M.Sc.**Incorporating Prognosis into Surgical Decision-making for Older Adults**

Improving surgical decision-making for older adults represents a key priority for perioperative health policy, with implications for both the cost and quality of health care in the U.S. This session will offer a range of perspectives on challenges and opportunities related to operative decision-making for older adults. Mark D. Neuman, M.D., M.Sc. (Anesthesiology, Univ. of PA), will address the use of prognostic models to improve perioperative decision-making. Zara Cooper, M.D., M.S.C.E. (Surgery & Palliative Care, Brigham and Women's Hospital) will discuss recent research on survival and functional outcomes after major surgery in frail older adults. Angela M. Bader, MD, MPH (Anesthesiology, Brigham and Women's Hospital) will discuss promoters and barriers to anesthesiologist involvement in surgical decisions for older adults. Marc J. Kahn, MD, MBA (Medicine, Tulane) will discuss ethical challenges in surgical decision-making for older adults and the management of DNR orders in the OR. **Elizabeth Rickerson, M.D., Integrating Surgery and Palliative Care in Surgical Decision-making for Older Adults Marc Kahn M.D., M.B.A. Ethical Challenges in Surgical Decision-making for Older Adults Angela Bader M.D. Anesthesiologist Involvement in Surgical Decision-making for Older Adults: Opportunities and Challenges**

Poster Presentations | P007-1**Drug Disposition, Metabolism and Elimination**

1-3 p.m. | Hall B1-Area A

Hands-on Workshop | 826**Wire-Guided Airway Management**

1-4 p.m. | Room 333-334

Richard Galgon M.D., M.S.

This workshop will consist of a lecture followed by participants moving through five hands-on stations to gain knowledge of wire-guided airway management including using wires to facilitate intubation in the setting of airway lesions such as tumors, tracheal deviation or stenosis. Wire-guided double-lumen endotracheal tube placement and bronchial blocker placement will be demonstrated. In addition, participants will learn wire-guided exchange of supraglottic airways, including the laryngeal tube. **Ron Abrons M.D. Laura Hammel M.D. Michael Hannaman M.D. Aaron Joffe D.O. Mark Leibel M.D. Erich Marks M.D. Kristopher Schroeder M.D. Joshua Sebranek M.D. John Shepler M.D. Karl Willmann M.D.**

Refresher Course Lecture | 318**How to Establish a Perioperative Surgical Home in Your Institution**

1:45-2:45 p.m. | RiverGate

Zeev Kain M.D., M.B.A.

This Refresher Course Lecture provides an understanding of how current and likely future U.S. healthcare reforms will impact the practice of anesthesiology, how to establish a Perioperative Surgical Home (PSH), and how the PSH can meet increasing consumer and payer emphasis on shared decision-making, patient-centeredness, and patient satisfaction.

Refresher Course Lecture | 321**My Pharmacy Is Out of Fentanyl, What Do I Do Now? Rational Perioperative Opioid Substitutions**

1:45-2:45 p.m. | Room E-3

Dhanesh Gupta M.D.

This Refresher Course Lecture will use pharmacokinetic-pharmacodynamic principles to assist the learner in developing rational alternative intraoperative and postoperative dosing strategies when faced with the unavailability of fentanyl or one of the other commonly used opioids.

Refresher Course Lecture | 327**Top 10 Respiratory Anesthesia Practices That Drive Me Crazy**

3-4 p.m. | Room E-3

David Warner M.D.

As ever more sophisticated ventilators are introduced into the operating room, there is increasing confusion regarding both the physiological principles pertinent to respiratory management and their clinical implications. Many commonly-employed ventilatory strategies have little or no evidence to justify them, nor are they supported by a convincing physiological rationale. This lecture will debunk several timeworn dogmas related to ventilatory management of the surgical patient, and help anesthesiologists devise rational plans for providing respiratory support that will in most cases simplify their practices and improve outcomes. Its intent is to be both provocative and entertaining.

Refresher Course Lecture | 329**Hazards of the Anesthesia Workstation**

3-4 p.m. | La Nouvelle Ballroom AB

James Eisenkraft M.D.

This refresher course lecture will provide an overview of critical incidents and adverse outcomes that have been reported with use of anesthesia workstations, review strategies to prevent adverse outcomes, discuss guidelines for pre use checkout of the anesthesia machine and the limitations of automated checkouts.

Oral Presentations | OR07-1**Drug Disposition, Metabolism and Elimination**

3-4:30 p.m. | Room 245

Problem-Based Learning Discussions | L099**Perioperative Laboratory and Cardiac Testing: What is Necessary?**

3:30-4:45 p.m. | Room 343-345

David Hepner M.D.**Problem-Based Learning Discussions | L146****Cardiopulmonary Collapse During Laparoscopic Nissen****Fundoplication**

3:30-4:45 p.m. | Room 343-345

Govind Rajan M.D.**Refresher Course Lecture | 331****Obesity and Anesthesia: Crossroads of a Challenge**

4:15-5:15 p.m. | Room E-1

Ashish Sinha M.D., Ph.D.

Morbid obesity is the ubiquitous problem facing all medical practitioners especially anesthesiologists. Whether one chooses to practice obstetric anesthesia or pain management, obesity is the growing challenge in anesthesia. With two-thirds of the US population overweight or obese, the 'new normal' is heavier (and older and sicker). Management of these patients requires a thorough understanding of changes with obesity and a few fail-safe approaches, particularly to the airway. This lecture will cover that, along with other common challenges in anesthetic care of the obese.

Tuesday, October 14**Problem-Based Learning Discussions | L149****Trauma Induced Coagulopathy**

7:15-8:30 a.m. | Room 343-345

Maged Andrews M.B., B.Ch.**Problem-Based Learning Discussions | L153****Oh No! Both Arteries in My Neck Are Blocked! Now What?**

7:15-8:30 a.m. | Room 343-345

Stanlies D'Souza M.D., F.R.C.A**Problem-Based Learning Discussions | L159****My Patients Never Have Residual Paralysis in the PACU, or Do They?**

7:15-8:30 a.m. | Room 343-345

Stephan Thilen M.D., M.S.**Refresher Course Lecture | 406****ATLS Update: What Every Anesthesiologist Needs to Know...BEFORE Going to the OR!**

8-9 a.m. | La Nouvelle Ballroom AB

Maureen McCunn M.D., M.I.P.P.

ATLS is the standard of care for physicians who care for the injured. Trauma is now the third leading cause of death in all Americans, and the leading cause of death in those under the age of 45. Understanding the approach to the severely injured - which is counter to the traditional approach we learned in medical school (extensive history, detailed physical exam, differential diagnosis then confirmatory testing) - will enhance team performance and optimize patient outcomes.

Oral Presentations | OR02-2**Anesthetic Action and Biochemistry: Emerging Anesthetics and Analgesics**

8-9:30 a.m. | Room 245

90 Minute Panel | PN84**Beyond Smoke and Mirrors: Panel on Surgical Fire Prevention Including Laser Safety**

8-9:30 a.m. | Room 225-227

Charles Cowles M.D., M.B.A.**Laser Safety As It Relates to the Anesthesiologist**

This session will bring together experts who will discuss issues surrounding the prevention of surgical fires. Specific discussion points will include basic surgical fire prevention strategies and the alignment of these strategies with initiatives of the ASA, APSF, and FDA; Techniques proven to engage surgical team members in fire prevention; and Laser safety issues as it relates to the anesthesiologist. **Kenneth Silverstein M.D., M.B.A. Techniques Proven to Engage Surgical Teams to Prevent Surgical Fires Jeffrey Feldman M.D., M.S.E. Basic Surgical Fire Prevention and Efforts of the ASA/APSF/FDA**

Poster Presentations | P013-6**Outcomes and Database Research**

8-10 a.m. | Hall B1-Area A

Hands-on Workshop | 831A**The Use of Ultrasound for Vascular Access in Adults and Pediatrics**

8-11 a.m. | Room 338-339

Hands-on Workshop | 831B

1-4 p.m. | Room 338-339

Ehab Farag M.D., F.R.C.A.

The workshop will explain the basics of ultrasound and sonographic anatomy for central and peripheral blood vessels used for vascular accesses. The workshop will enable the attendees to practice the ultrasound scanning on live models. In addition will give the attendees the opportunity to practice ultrasound needle insertion on mannequins in live simulation like sittings. **Wael Ali Sakr Esa M.D. Maged Argalious M.D., M.B.A. Demetrios Bourdakos M.D. Hesham Elsharkawy, M.D. Beth Demers Lavelle M.D. Rami Karroum M.D. Kamal Maheshwari M.D. Loran Mounir M.D. John Seif M.D. Sivan Wexler M.D. George Youssef M.D.**

Problem-Based Learning Discussions | L162**Beyond Swiss Cheese - Cases for the Anesthesia Patient Safety Officer**

9-10:15 a.m. | Room 343-345

Jonathan Cohen M.D.**Problem-Based Learning Discussions | L165****Malignant Hyperthermia in a Child Having a Tethered Cord Release**

9-10:15 a.m. | Room 343-345

Tae Kim M.D.

Problem-Based Learning Discussions | L169
Cardiopulmonary Collapse During Laparoscopic Nissen Fundoplication
 9-10:15 a.m. | Room 343-345
Govind Rajan M.D.

Refresher Course Lecture | 411
Anesthetics and the Brain – Less Mysterious Than You May Think
 9:15-10:15 a.m. | Room 260-262
Misha Perouansky M.D.
 This RCL will provide an overview of the historic trajectory of anesthetic mechanisms research from the mid-19th to the 21st century. In particular the influence of novel ideas in biology and chemistry in directing research into anesthetic pharmacology will be reviewed and form a background for contemporary efforts. Neurobiological approaches to understanding anesthesia will be critically differentiated from alternatives.

Oral Presentations | OR13-4
Outcomes and Database Research - Airway & Sleep Apnea
 10-11:30 a.m. | Room 245

90 Minute Panel | PN90
Clinical Pearls: Anesthesia for Adult ENT Surgery
 10-11:30 a.m. | Room 228-230
Basem Abdelmalak M.D.

Difficult Airway and the ENT Surgeons
 This panel will address a few pertinent topics in the subspecialty of anesthesia for otolaryngologic surgery: the new difficult airway algorithm as it relates to the difficult airways encountered in head and neck cancer patients; the role of the ENT surgeons and framework for communication between the anesthesiologists and their ENT surgeons' colleagues; issues related to the ever advancing and expanding field of sinus surgery and how regional anesthesia can play a role in caring for sinus surgery patients; special considerations in anesthesia for otologic and neurotologic surgery; the use of heliox and Laser in managing critical airway stenosis and related anesthetic considerations. **Samuel DeMaria M.D. Anesthesia for Sinus Surgery D. John Doyle M.D., Ph.D. Tracheal Stenosis, Heliox, and Laser Vladimir Nekhendzy M.D. Anesthesia for Ear Surgery**

Poster Presentations | P007-2
Drug Disposition, Metabolism and Elimination
 10 a.m.-12 p.m. | Hall B1-Area A

Refresher Course Lecture | 416
Anesthesia for Head and Neck Surgery
 11:45-12:45 p.m. | Room E-3
David Healy M.D., MRCP, FRCA
 This Refresher Course Lecture will provide an overview of anesthesia for patients undergoing Head and Neck Surgery. It will identify key anesthetic techniques and skills of importance to this patient group. The lecture will emphasize patient safety with a focus on laser airway surgery and jet ventilation.

Refresher Course Lecture | 417
Preoperative Identification, Evaluation and Optimization of the Highest Risk Patients
 11:45-12:45 p.m. | Room 260-262
Bobbie Jean Sweitzer M.D.
 This lecture is specifically designed to address the preoperative assessment and management of the highest risk patients anticipating anesthesia. The lecture will focus on patients with conditions such as recent coronary stents, severe heart disease, anemia, and the frail elderly. This lecture is designed to appeal to those interested in preoperative evaluation beyond the typical practice of many anesthesiologists but within the realm of those positioning themselves to be part of the Surgical Home.

Problem-Based Learning Discussions | L099
Perioperative Laboratory and Cardiac Testing: What is Necessary?
 12:30-1:45 p.m. | Room 343-345
David Hopner M.D.

Problem-Based Learning Discussions | L175
Management of Antiplatelet Therapy in Patients With Coronary Stents for Noncardiac Surgery
 12:30-1:45 p.m. | Room 343-345
Davide Cattano M.D.,Ph.D.

Problem-Based Learning Discussions | L183
Perioperative Management of the Anemic Patient
 12:30-1:45 p.m. | Room 343-345
Russell Roberson M.D.

Refresher Course Lecture | 424
Massive Transfusion Protocol in Trauma
 1-2 p.m. | La Nouvelle Ballroom AB
Charles Smith M.D.
 The use of a massive transfusion protocol facilitates rapid availability of components in an increased ratio of plasma and platelets to red blood cells. Understanding the mechanism of trauma- induced coagulopathy together with surgical control of hemorrhage and timely application of volume resuscitation remains the cornerstone of treatment of hemorrhagic shock in trauma. Point of care viscoelastic assays may allow for goal directed therapy in trauma- induced coagulopathy.

Clinical Forum | CF14
Dogma and Controversies in Acute and Perioperative Burn Care
 1-2:30 p.m. | Room 206-207
Sam Sharar M.D.
 This forum will explore both common and controversial issues encountered in the acute, perioperative, and postoperative care of patients with significant burn-related injuries. Using a pediatric case-based discussion that is also applicable to adult burn-injured patients, the topics of discussion will not only be relevant to anesthesiologists who infrequently provide such care, but also to those participating in acute and perioperative burn care on a regular basis. **Sanjay Bhananker M.D. Airway Management Following Burn Injury Joe Jansen M.D. Perioperative Burn Care Lee Woodson M.D., Ph.D. Sedation and Analgesia for Procedural Burn Care**

Point-Counterpoint | PC18**Hypotensive Resuscitation**

1-2:30 p.m. | Room 203-205

Joshua Tobin M.D.

This session will critically evaluate the literature for and against hypotensive resuscitation. Using a Pro-Con format the s will describe their rationale for enacting or avoiding hypotensive resuscitation in trauma and acute care anesthesia. **Albert Varon M.D. CON: Hypotensive Resuscitation Has No Proven Benefits in Most Trauma Patients Samuel Galvagno Jr., D.O., Ph.D., M.S. PRO: Don't Pop the Clot, Embrace a Lower Blood Pressure**

Poster Discussions | PD17-1**Respiration-Upper Airway and Sleep Apnea**

1-2:30 p.m. | Room 245

120 Minute Panel | PN30**Computer-Assisted Personalized Sedation (CAPS) - the Future of Moderate Sedation**

1-3 p.m. | Room 252-254

Walter Maurer M.D.**Brief Review of the Marketplace for CAPS Devices**

This panel session will show how this new technology might fit into our future practice. Some opinions of the faculty will be in opposition to the Anesthesiologist. How can CAPS be safely used on ASA 3 & 4 patients? How can CAPS be used outside of GI cases? When do you need more than an RN to monitor a patient using CAPS? **Richard Urman M.D., M.B.A., C.P.E. Technology Being Used to Assist Skill Sets. Matching Resources with Anesthesia Needs. CAPS Can Actually Help Us Steven Boggs M.D., M.B.A. So You Want MAC without an Anesthetist? Where Have Our Standards Gone! John Vargo M.D., M.P.H. CAPS from the GI Perspective**

Technology Being Used to Assist Skill Sets. Matching Resources with Anesthesia Needs. CAPS Can Actually Help Us Steven Boggs M.D., M.B.A. So You Want MAC without an Anesthetist? Where Have Our Standards Gone! John Vargo M.D., M.P.H. CAPS from the GI Perspective

Poster Presentations | P002-2**Anesthetic Action and Biochemistry: Molecular Insights into Anesthetic Mechanism of Action, Safety and Toxicity**

1-3 p.m. | Hall B1-Area C

Poster Presentations | P008-4**Equipment, Monitoring and Engineering Technology: Anesthesia Depth and Eclectic Assortment of Cool Stuff**

1-3 p.m. | Hall B1-Area B

Poster Presentations | P013-4**Outcomes and Database Research**

1-3 p.m. | Hall B1-Area A

Refresher Course Lecture | 428**Strategies for Success in Anesthesia During One-Lung Ventilation**

2:15-3:15 p.m. | Room E-3

Gregory Fischer M.D.

This refresher course will review the physiology behind one lung ventilation, describe the differences and indications for lung separation versus isolation and demonstrate devices that are commonly used to achieve these goals.

Refresher Course Lecture | 430**Electrical Safety in the Operating Room**

2:15-3:15 p.m. | La Nouvelle Ballroom AB

Jeffrey Gross M.D.

Starting with fundamental principles of electrical theory, this refresher course will trace the development of electrical power distribution to homes, hospitals, and operating suites, including the various safety mechanisms which have been developed to minimize the risk of macro- and microshock to anesthetized patients and operating room personnel. The principles of electrocautery operation will also be discussed. At the conclusion of the lecture, there will be hands-on demonstrations to reinforce the concepts.

Poster Discussions | PD08-4**Equipment, Monitoring and Engineering Technology: Advances in Noninvasive Monitoring**

3-4:30 p.m. | Room 245

120 Minute Panel | PN32**Creating the Safe Non-Operating Room Anesthesia (NORA) Experience**

3-5 p.m. | Room 211-213

Brenda Gentz M.D.**Keeping the Medically Challenging Patient Safe**

Creating a safe, positive Non-Operating Room (NORA) experience is the goal of every anesthesia provider, but data suggests that this environment is not without risk. The changing medical characteristics of patients, potentially difficult intubations and modest equipment provided can challenge even the most seasoned professional. Anticipating critical situations, creating and defining systems to deal with emergencies, and implementing known professional guidelines are keys to success. The future administration of anesthesia drugs in this environment may change with increased utilization of target controlled infusions (TCI) and computer assisted personalized sedations (CAPS). **Irene Osborn M.D. Confronting the Difficult Airway in the NORA Environment Keira Mason M.D. Creating and Supporting a Culture of Safety in NORA Anthony Absalom M.D. Target Controlled Infusions and Computer Assisted Personalized Sedation in the NORA Environment**

Refresher Course Lecture | 431**Trauma Anesthesia and Operative Resuscitation**

3:30-4:30 p.m. | Room E-1

Joshua Tobin M.D.

The Refresher Course lecture in Trauma Anesthesia and Operative Resuscitation will evaluate recent advances in transfusion medicine as well as new critical care interventions (e.g.; airway management, ventilatory strategies) available to the anesthesiologist. Emphasis will be placed on the anesthesiologist's role in operative resuscitation.

Refresher Course Lecture | 432**Different Strokes for Operative Folks: Prevention of the Perioperative Cerebrovascular Accident**

3:30-4:30 p.m. | Room E-2

George Williams M.D.

An in depth discussion of the pathophysiology and management of stroke for the anesthesiologist. Strategies to optimize patient outcomes in this population are discussed in detail, as well as the clinical approach applied by neurologists and neurosurgeons in the pre and post operative management of this population in order to give insight as to the decision to proceed with surgical intervention. Methods to address risk factors and promote maximum post operative functionality are discussed.

Refresher Course Lecture | 433**Current Controversies of Perioperative Fluid Management**

3:30-4:30 p.m. | Room E-3

Roman Dudaryk M.D.

This refresher course will provide a much-needed update on practical implication of perioperative fluid therapy. Particular emphasis will be placed on new evidence regarding colloid effects on renal function. Applicability of recent studies of colloids vs crystalloids to various groups of surgical patients will be discussed. Recommendations for fluid choices in the settings of trauma, sepsis, pre-existent renal failure, ambulatory surgery will be made.

Problem-Based Learning Discussions | L184**Help - My Patient Is on a Multi-Chemotherapeutic Regimen and Is Coming for a Laparotomy! What Do I Need to Know?**

3:30-4:45 p.m. | Room 343-345

Anoushka Afonso M.D.**Problem-Based Learning Discussions | L188****A Patient With End-Stage Liver Disease for Elective Surgery**

3:30-4:45 p.m. | Room 343-345

Christopher Darling D.O. Michael Hannaman M.D.**Problem-Based Learning Discussions | L189****Can the Adult Patient With Morbid Obesity and Obstructive Sleep Apnea Safely Undergo Outpatient Surgery?**

3:30-4:45 p.m. | Room 343-345

Kenneth Hiller M.D.**90 Minute Panel | PN93****Sugammadex: Are We Finally There? Update on Unmet Medical Need, Clinical Use in Europe and Regulatory Progress**

3:30-5 p.m. | Room 217-219

Jonathan Jahr M.D.**Science and Regulatory Stalemate and Solution**

This 90-minute panel will review evidence-based medicine on current reversal of neuromuscular block and understand unmet medical need, both for emergency cannot intubate and ventilate crises, and reversal in deep neuromuscular block, list pharmacology of sugammadex, explain differences in mode of action of sugammadex, and review phase 2 and 3 data on sugammadex for safety and efficacy, including newly published studies about hypersensitivity, renal failure and repeat usage, update on regulatory stalemate and solution to gain approval, update on regulatory stalemate and suggest solution to gain approval, expound on clinical use in Europe of sugammadex, including postmarketing studies in over 5 million uses, and understand novel uses of sugammadex, as deep block for laparoscopic procedures improving safety and outcomes. **Glenn Murphy M.D. Safety and Efficacy of Neostigmine Reversal: Unmet Medical Need for New Agent Thomas Fuchs-Buder M.D. Current Use of Sugammadex in Europe and Postmarketing Data on Over 5 Million Uses**

Wednesday, October 15

Refresher Course Lecture | 503**Recent Advances in Perioperative Fluid Management and the Patients' Outcomes**

8-9 a.m. | Room E-3

Ehab Farag M.D., F.R.C.A. Moderator

The discovery of endothelial glycocalyx has changed our understanding for tissue perfusion to the degree that Starling principle has been challenged as a valid principle to govern the tissue perfusion. The aim of this lecture is to present the recently discovered functions of endothelial glycocalyx and their importance for patients' outcomes. The lecture will present the most recent advances in peri-operative fluid management and problems with using hydroxyethyl starch solutions during the peri-operative period.

Oral Presentations | OR13-5**Outcomes and Database Research - Blood & Transfusions**

8-9:30 a.m. | Room 245

Poster Discussions | PD08-3**Equipment, Monitoring and Engineering Technology: Monitoring Sedation and Cerebral Effects of Anesthesia**

8-9:30 a.m. | Room 243

90 Minute Panel | PN99**Big Data, Big Opportunity: Anesthesiology 2.0**

8-9:30 a.m. | Room 220-222

Matthew Levin M.D.**Defining Big Data and the Limitations of Traditional Analytic Approaches**

The goal of this panel is to familiarize the audience with the concept of big data and allow them to understand the relevance of big data to the specialty of Anesthesiology. Panel members will discuss how people generally define big data, and what leads to datasets that are truly too large to be analyzed using traditional approaches. Questions to be addressed include: What are some of the practical problems in dealing with large clinical data sets and how can we get around them? What kind of clinical questions can big data help us answer, that traditional research techniques (e.g. randomized controlled trials) cannot? How can we use our current infrastructure, data warehousing techniques, and visualization tools to lead to higher quality, more cost effective care? What is the future of big data in perioperative medicine? For example, can we combine indoor patient location systems with real time clinical, staffing, and operational data to enable new models of care?

Jonathan Wanderer, M.D. Metadata, Electronic Medical Records and Clinicians J. Michael Schmidt Ph.D., M.Sc. Converting Big Data Analytics into Clinical Practice and the Challenges of Using Big Data With Traditional Medical Research Techniques Peter Fleischut M.D. Computational Healthcare

120 Minute Panel | PN34**Aortic Surgery in the 21st Century**

8-10 a.m. | Room 228-230

Rae Allain M.D.

Repair of aortic pathology has changed dramatically since introduction of endovascular techniques, resulting in lower mortality and changes in anesthetic approach. A shift to EVAR procedures has reduced the frequency of elective open aortic procedures, creating an educational challenge: most trainees have limited opportunities to practice managing aortic clamping and unclamping before presented with an emergency case. Simulation may play a valuable educational role in filling this gap. Surgical proficiency in elective EVAR also has begun an evolution to EVAR as the preferred technique for emergency management of ruptured AAA. In this situation, there is rationale for an initial local anesthetic approach. Finally, lumbar CSF drainage has become a standard in preventing paraplegia in patients undergoing endovascular or open repair of the thoracic aorta. **Daniel Johnson M.D. Point-of-Care Ultrasound: Tells You What You Need to Know Preop and Postop** **Hovig Chitilian M.D. Emergency AAA Repair under Local Anesthesia??** **Marjorie Stiegler M.D. Simulation of Aortic Cross-Clamp and Unclamp** **David Collard M.D., M.S. This Is Spinal Tap with a 14 Gauge Tuohy**

Neuroanesthesia

Saturday, October 11

Problem-Based Learning Discussions | L002

Only a Little Sniff of Cocaine; Now an Aneurysm Coiling Headache!

7:15-8:30 a.m. | Room 343-345

Jess Brallier M.D. Moderator

Refresher Course Lecture | 109

Adult Head Injury: Management Update and Controversies

9:15-10:15 a.m. | Room E-2

Audree Bendo M.D. Co-Moderator

Perioperative Management of the Adult Head Injury Patient

This refresher course lecture will review the perioperative and critical care management of adult patients with severe traumatic brain injury. The resuscitation protocol for these patients will be discussed with specific emphasis on guidelines, implementation and controversies in management. **Martin Smith M.B.,B.S. Co-Moderator-Critical Care Management and Monitoring of the Adult Head Injury Patient**

Poster Presentations | P010-2

Experimental Neurosciences: Mechanisms

10 a.m.-12 p.m. | Hall B1-Area C

Problem-Based Learning Discussions | L025

Delayed Emergence After Craniotomy- No Delays Accepted

12:30-1:45 p.m. | Room 343-345

Rafi Avitsian M.D.

Problem-Based Learning Discussions | L030

My Ulnar Neuropathy Has Resolved. Now I Have to Go for Spine Surgery in the Prone Surrender Position

12:30-1:45 p.m. | Room 343-345

Ihab Kamel M.D.

120 Minute Panel | PN06

Babies Are Not Just Large Rat Pups: Controversies on the Impact of Anesthetics on the Developing Brain

1-3 p.m. | Room 228-230

Sulpicio Soriano M.D.

This panel will examine the controversies on the impact of anesthetics on the developing brain, with emphasis on molecular correlates in laboratory models and behavioral assessments in humans. **Andreas Loepke M.D., Ph.D. Cell Age Vulnerability to Neuronal Demise Laszlo Vutskits M.D. Anesthetics Regulate Neuroplasticity Randall Flick M.D. Anesthetic Effects on Learning Behavior in Humans Mary Ellen McCann M.D., M.P.H. Confounding Factors in Human Studies**

Refresher Course Lecture | 114

Blood Pressure and the Brain: How Low Can You Go?

1:30-2:30 p.m. | Room 260-262

John Drummond M.D.

This session will identify aspects of physiologic homeostasis and clinical management that reduce the vulnerability of the brain and spinal cord to ischemic injury.

Refresher Course Lecture | 121

Smart Seniors: Avoiding Perioperative Brain Failure

3-5 p.m. | La Nouvelle Ballroom AB

Gregory Crosby M.D. Moderato

Why Seniors Are Vulnerable in the OR and ICU?

This two-hour refresher course lecture panel will focus on the postoperative evaluation and management of three postoperative CNS problems in elderly patients. **Deborah Culley M.D. Anesthesia and Analgesia - Friend or Foe? Pratik Pandharipande M.D. Illness, Surgery and Inflammation - Foe for Sure**

Problem-Based Learning Discussions | L040

Ah! I Can't Bear It! This Is the Worst Headache of My Life!

3:30-4:45 p.m. | Room 343-345

Stanlies D'Souza M.D., F.R.C.A. Moderator

90 Minute Panel | PN47

Management of Neurological Events After Anesthesia

3:30-5 p.m. | Room 228-230

Deborah Rusy M.D.

This panel will discuss the management of adverse neurologic outcomes. **Laurel Moore M.D. Stroke This panel will discuss the management of adverse neurologic outcomes. Sandra Kopp M.D. Seizures**

Sunday, October 12

Problem-Based Learning Discussions | L049

Delayed Emergence After Craniotomy - No Delays Accepted

7:15-8:30 a.m. | Room 343-345

Rafi Avitsian M.D. Moderator

Problem-Based Learning Discussions | L055

Deep Brain Stimulation for Parkinson's Disease: What Is the Role of the Anesthesiologist?

7:15-8:30 a.m. | Room 343-345

Julia Metzner M.D. Moderator

Poster Presentations | P010-1

Experimental Neurosciences: Neurotoxicity

8-10 a.m. | Hall B1-Area D

Poster Discussions | PD05-2

Clinical Neurosciences

8-9:30 a.m. | Room 244

90 Minute Panel | PN53

The Yin and Yang of Anesthetic Drugs: Are They Neuroprotective or Neurotoxic?

8-9:30 a.m. | Room 225-227

Piyush Patel M.D.

Lessons from and Limitations of Each Perspective

This session will review experimental and clinical research on the neuroprotective and neurotoxic effects of anesthetic drugs. **David Warner M.D. Anesthetics as Neuroprotectants: Hope and Promise Kristin Engelhard M.D., Ph.D. Anesthetics as Neurotoxins: Experimental Traumatic Brain Injury**

Problem-Based Learning Discussions | L064

Just Another Subarachnoid Hemorrhage? Or Am I Really Up-to-date on What to Do?

9-10:15 a.m. | Room 343-345

Eduardo Galeano M.D. Moderator

Problem-Based Learning Discussions | L074**Ah! I Can't Bear It! This Is the Worst Headache of My Life!**

12:30-1:45 p.m. | Room 343-345

Stanlies D'Souza M.D., F.R.C.A. Moderator**Poster Presentations | P005-1****Clinical Neurosciences**

1-3 p.m. | Hall B1-Area E

Refresher Course Lecture | 229**The Impact of Anesthesia on the Young and Old Brain**

3-4 p.m. | RiverGate

Audree A. Bendo M.D. Moderator

The assumption that anesthesia has no long-term adverse CNS consequences may be true for most patients between six months and 60 years of age. However, for patients younger than six months or older than 60 years, that status quo assumption is under challenge from a growing body of evidence. This lecture will address that evidence and review options for clinical management based on recent laboratory and clinical trials.

Problem-Based Learning Discussions | L086**Only a Little Sniff of Cocaine; Now an Aneurysm Coiling Headache!**

3:30-4:45 p.m. | Room 343-345

Jess Brallier M.D. Moderator**Monday, October 13****Subspecialty Panels | 606****(SNACC) Anesthesia for Acute Stroke Management: Method, Timing and Hemodynamics**

7-8:15 a.m. | Room 231-232

Rafi Avitsian M.D.

With the availability of rapid medical response and education regarding symptoms of Stroke, much has been discussed and published about new methods of management including interventional treatment of acute ischemic stroke. There is however not enough guidance regarding optimal anesthetic method and hemodynamic parameters in patients undergoing this procedure. This panel will consist of a moderator and three speakers to analyze the current knowledge about the best anesthetic care for patients with acute ischemic stroke. **Muhammad Hussain M.D. Interventionalist's View on Optimal Anesthetic Condition for Stroke Pekka Talke M.D. Evidence on Best Anesthetic Method Alana Flexman M.D. Timing and Best Hemodynamics in Management of Acute Stroke**

Problem-Based Learning Discussions | L101**My Ulnar Neuropathy Has Resolved. Now I Have to Go for Spine Surgery in the Prone Surrender Position**

7:15-8:30 a.m. | Room 343-345

Ihab Kamel M.D. Moderator**Problem-Based Learning Discussions | L133****Awake Craniotomy in a Patient With Obstructive Sleep Apnea**

7:15-8:30 a.m. | Room 343-345

Karl Willmann M.D. Moderator**Refresher Course Lecture | 306****Perioperative Management of Patients Undergoing Spine Surgery 8-10 a.m. | La Nouvelle Ballroom AB****Susan Black M.D. Moderator****Overview of the Anesthetic Management of Spine Surgery**

This refresher course lecture will review the anesthetic considerations for patients undergoing spine surgery, including tracheal intubation, blood conservation techniques, blood loss and resuscitation, preservation of spinal cord integrity, patient positioning, and anesthetic and surgical risks during the various procedures. **Michael Todd M.D. Management of Cervical Spine Lesions/Injury Tod Sloan M.D., Ph.D., M.B.A. Intraoperative Spinal Cord Monitoring Lorri Lee M.D. Perioperative Visual Loss and Spine Surgery**

Poster Presentations | P010-3**Experimental Neurosciences: Cerebral Blood Flow and CNS Ischemia**

8-10 a.m. | Hall B1-Area E

Problem-Based Learning Discussions | L111**Crisis in the Neuro-Muscular Junction: Anesthetic Implications**

9-10:15 a.m. | Room 343-345

Cristina Barboi M.D. Moderator**Oral Presentations | OR10-2****Experimental Neurosciences**

1-2 p.m. | Room 238-239

90 Minute Panel | PN70**Life-Death Transition**

1-2:30 p.m. | Room 225-227

George Mashour M.D., Ph.D.**Moderator and Neurobiology of the Dying Brain**

This panel will examine the life-death transition from the perspective of a neurobiologist, intensivist and transplant anesthesiologist. **David McDonagh M.D. Brain Death in the ICU Paul Picton M.D. Organ Donation after Cardiac Death**

Oral Presentations | OR10-1**Experimental Neurosciences: Mechanisms**

3-4:30 p.m. | Room 243

Problem-Based Learning Discussions | L137**An Acute Ischemic Stroke Coming to Your Neuroangiography Suite**

3:30-4:45 p.m. | Room 343-345

Rafi Avitsian M.D. Moderator**Problem-Based Learning Discussions | L145****Deep Brain Stimulation for Parkinson's Disease: What Is the Role of the Anesthesiologist?**

3:30-4:45 p.m. | Room 343-345

Julia Metzner M.D. Moderator**Tuesday, October 14****Problem-Based Learning Discussions | L150****An Acute Ischemic Stroke Coming to Your Neuroangiography Suite**

7:15-8:30 a.m. | Room 343-345

Rafi Avitsian M.D. Moderator

Problem-Based Learning Discussions | L160**Awake Craniotomy in a Patient With Obstructive Sleep Apnea**

7:15-8:30 a.m. | Room 343-345

Karl Willmann M.D. Moderator**Poster Presentations | P005-2****Clinical Neurosciences**

8-10 a.m. | Hall B1-Area E

Poster Discussions | PD10-1**Experimental Neurosciences: Neurotoxicity**

10-11:30 a.m. | Room 243

90 Minute Panel | PN88**Sleeping and Waking Is Hard to Do: Mechanisms of Induction and Emergence From General Anesthesia**

10-11:30 a.m. | Room 220-222

Peter Goldstein M.D.

This panel will span translational and clinical science related to sleep and anesthesiology. **Max Kelz M.D., Ph.D. Sleep Neurobiology and General Anesthesia** **Ken Solt M.D. Hijacking Arousal Centers to Reverse Anesthesia** **George Mashour M.D., Ph.D. Feedback Connectivity and Unconsciousness in Humans**

Poster Presentations | P010-4**Experimental Neurosciences: Inflammation, Cognitive Dysfunction and Neuroprotection**

10 a.m.-12 p.m. | Hall B1-Area E

Problem-Based Learning Discussions | L176**Just Another Subarachnoid Hemorrhage? Or Am I Really Up-to-date on What to Do?**

12:30-1:45 p.m. | Room 343-345

Eduardo Galeano M.D. Moderator**Refresher Course Lecture | 420****Perioperative Management of Cerebrovascular Diseases**

1-2 p.m. | Room E-1

Adrian Gelb M.B.,B.Ch., FRCPC Moderator

This refresher course lecture will focus on the perioperative management of cerebrovascular disease in the operating room, interventional neuroradiology suite and ICU. Specific procedures such as angiography, aneurysm clipping/coiling, carotid endarterectomy/stenting and will be reviewed.

Clinical Forum | CF15**You Want to Test What?: Anesthetic Challenges During Functional Neurosurgery**

3-5 p.m. | Room 206-207

Antoun Koht M.D.**Awake Craniotomy and Regional Blocks**

This panel will present several neurosurgical cases: intracranial aneurysm clipping, posterior fossa tumor resection, and awake craniotomy for tumor resection and deep brain stimulation. The discussion will involve optimization of anesthesia, differential diagnosis of changes and the use of stepwise algorithm to identify the change. The discussion will clarify the ability and limitation of each monitor and compatible anesthetic techniques and agents. The panel will emphasize the input of the audience (audience response system could be used) and the experience of the panel members will be used to discuss controversial aspects (such as controversy about specific monitoring techniques). **Tod Sloan M.D., Ph.D., M.B.A. Brainstem Tumor** **Laura Hemmer M.D. Aneurysms** **Chanhung Lee M.D. Deep Brain Stimulation**

Problem-Based Learning Discussions | L186**Crisis in the Neuro-Muscular Junction: Anesthetic Implications**

3:30-4:45 p.m. | Room 343-345

Cristina Barboi M.D. Moderator**Wednesday, October 15****Poster Discussions | PD05-1****Clinical Neurosciences: Intraoperative Monitoring**

10-11:30 a.m. | Room 245

Obstetric Anesthesia

Saturday, October 11

Subspecialty Panels | 601

(SOAP) Caring for Our Own: Focusing on the Care Provider to Optimize Safety for Our Patients

7-8:15 a.m. | Room 231-232

Robert Gaiser M.D.

Caring for the Provider Following a Bad Outcome

This panel addresses the communication and lack of communication in the labor suite. There are several reasons for poor communication such as bad outcomes and disruptive physicians. An approach to these barriers will be presented. **May Pian-Smith, M.D. Teaching Effective Communication on Labor and Delivery, Lawrence Tsen, M.D. The Disruptive Physician**

Problem-Based Learning Discussions | L007

Just Another Day on Labor and Delivery: Morbid Obesity and Preeclampsia

7:15-8:30 a.m. | Room 343-345

Regina Fragneto M.D.

Problem-Based Learning Discussions | L116

Neurologic Complications Following Epidural Placement - How to Differentiate and Manage?

7:15-8:30 a.m. | Room 343-345

Kelly Elterman M.D. David Hepner M.D.

Refresher Course Lecture | 104

Anesthesia for the Morbidly Obese Parturient

8-9 a.m. | Room E-3

Brenda Bucklin M.D.

The lecture will examine anesthetic and obstetric risk in morbidly obese parturients as well as provide best practices for anesthetic management.

Problem-Based Learning Discussions | L020

Placenta Percreta: Preparation and Management

9-10:15 a.m. | Room 343-345

Cathleen Peterson-Layne M.D., Ph.D.

Refresher Course Lecture | 107

Postpartum Hemorrhage

9:15-10:15 a.m. | RiverGate

Jill Mhyre M.D.

A practical approach to clinical management and systems preparation will be presented for postpartum hemorrhage.

Poster Discussions | PD12-1

Obstetric Anesthesia: Cesarean Delivery

10-11:30 a.m. | Room 243

Problem-Based Learning Discussions | L029

Labor Analgesia and Postpartum Tubal Ligation in a Patient with a History of Spinal Instrumentation

12:30-1:45 p.m. | Room 343-345

Michael Hofkamp M.D.

Poster Presentations | P012-2

Obstetric Anesthesia: Labor Analgesia, Patient Safety and Miscellaneous

1-3 p.m. | Hall B1-Area D

Refresher Course Lecture | 116

Anesthetic Management of the Preeclamptic Patient

2:45-3:45 p.m. | RiverGate

Joy Hawkins M.D.

This RCL will discuss diagnosis and peripartum management of severe preeclampsia and eclampsia based on co-management with the obstetric team.

Problem-Based Learning Discussions | L043

Anesthesia for an Hypoplastic Left Heart Syndrome Parturient

3:30-4:45 p.m. | Room 343-345

David Mann M.D.

Problem-Based Learning Discussions | L044

Anesthetic Management of Cesarean Delivery for a Parturient With Previous Myocardial Infarction and Coronary Artery Stents

3:30-4:45 p.m. | Room 343-345

Daria Moaveni M.D.

Refresher Course Lecture | 123

Dural Puncture and Headache: Let's Keep It the Patient's Headache

4-5 p.m. | Room E-1

Robert Gaiser M.D.

This refresher course will identify various factors that place the patient at risk for the development of a headache following dural puncture. If the patient experiences dural puncture, the means for decreasing the risk of developing a headache will be discussed followed by the means for the management of the headache. Barriers to the initiation and implementation of these measures will be identified as well as means to address these barriers.

Sunday, October 12

Problem-Based Learning Discussions | L048

Cesarean Delivery in a Patient With Hypertrophic Obstructive Cardiomyopathy

7:15-8:30 a.m. | Room 343-345

Jaime Aaronson M.D. Stephanie Goodman M.D.

Point-Counterpoint | PC07**Combined Spinal-Epidural Labor Analgesia: Forevermore or Nevermore?**

8-9:30 a.m. | Room 211-213

Cynthia Wong M.D.

Epidural analgesia has been the traditional technique of neuraxial labor analgesia. In the mid 1990's combined spinal-epidural (CSE) began growing in popularity. Both techniques have advantages and disadvantages, particularly for specific patient populations. Despite many studies, there continues to be controversy in clinical practice as to the appropriateness of routinely using the CSE technique for labor analgesia. In this Point-Counterpoint session, two experienced obstetric anesthesiologists will argue/discuss the advantages and disadvantages of both techniques, using evidenced-based data to support their arguments. **Barbara Scavone M.D. PRO: Forevermore Robert Gaiser M.D. CON: Nevermore**

Problem-Based Learning Discussions | L063**Just Another Day on Labor and Delivery: Morbid Obesity and Preeclampsia**

9-10:15 a.m. | Room 343-345

Regina Fragneto M.D.**Problem-Based Learning Discussions | L067****Labor Analgesia and Postpartum Tubal Ligation in a Patient With a History of Spinal Instrumentation**

9-10:15 a.m. | Room 343-345

Michael Hofkamp M.D.**Refresher Course Lecture | 207****Neurologic Complications of Neuraxial Anesthesia in Obstetrics**

9:15-10:15 a.m. | RiverGate

David Wlody M.D.

This refresher course lecture will discuss the most common causes of neurologic injury in obstetric neuraxial anesthesia, including infectious, chemical, and traumatic etiologies. It will also discuss the common obstetric nerve palsies and how these can be distinguished from anesthetic causes of neurologic deficits. Prevention, evaluation, and treatment of neurologic injury will be discussed.

90 Minute Panel | PN54**Cutting-Edge Technologies and Point-of-Care Devices to Improve Care of the Obstetric Patient**

10-11:30 a.m. | Room 208-210

Brendan Carvalho FRCA**Cutting-Edge Technologies and Point-of-Care Devices to Improve Care of the Obstetric Patient**

This panel will discuss new technologies and point-of-care devices that can be used to improve the anesthetic management of obstetric patients. The lectures will cover devices to aid epidural insertion and maintenance of labor analgesia, technologies to assess blood loss and hemodynamic parameters during obstetric hemorrhage, and point-of-care devices to assess hematologic and coagulation function. **Roshan Fernando M.B., Ch.B. Devices and Techniques to Aid Epidural Insertion and Optimize Maintenance of Labor Analgesia Brendan Carvalho F.R.C.A. Cutting-Edge Technology to Assess Blood Loss and Hemodynamic Parameters during Obstetric Hemorrhage Alexander Butwick M.B., B.S. Point-of-Care Devices for Assessing Hematologic and Coagulation Indices**

Refresher Course Lecture | 214**Hail Caesar: Anesthesia for Cesarean Delivery**

10:30-11:30 a.m. | Room E-1

Lawrence Tsen M.D.

Accounting for a significant portion of global births annually, cesarean delivery has a number of anesthetic implications. The trends, medications, management and controversies associated with cesarean delivery anesthesia will be discussed.

Problem-Based Learning Discussions | L078**Anesthesia for an Hypoplastic Left Heart Syndrome Parturient**

12:30-1:45 p.m. | Room 343-345

David Mann M.D.**Problem-Based Learning Discussions | L079****Anesthetic Management of Cesarean Delivery for a Parturient With Previous Myocardial Infarction and Coronary Artery Stents**

12:30-1:45 p.m. | Room 343-345

Daria Moaveni M.D.**Problem-Based Learning Discussions | L081****Critical Management of a Parturient With Influenza Progressing to ARDS**

12:30-1:45 p.m. | Room 343-345

Vernon Ross M.D.**120 Minute Panel | PN12****Perioperative Considerations for Ex Utero Intrapartum Treatment Procedures: Principles, Pitfalls and Progress**

1-3 p.m. | Room 225-227

Mark Rollins M.D., Ph.D.**Anesthesia for EXIT Procedures: Perioperative Considerations**

The EX utero Intrapartum Treatment (EXIT) procedure allows life saving interventions to be performed on fetuses with disorders that would otherwise acutely compromise survival after birth. During the EXIT procedure, the fetus remains supported by the placental unit with adequate oxygenation and perfusion, while surgical repair and resuscitation interventions are performed in a controlled manner. The EXIT procedure has become more common outside of academic fetal care centers and requires significant multidisciplinary coordination to optimize outcomes. This panel will provide an overview of the guiding principles, indications, anesthetic, and perioperative considerations key to the EXIT procedure. Potential complications during an EXIT procedure and management strategies will also be discussed. The role of the anesthesiologist in the multidisciplinary approach to the fetal patient will be emphasized. **Anne Boat M.D. Intraoperative Fetal Monitoring Debnath Chatterjee M.D. EXIT Complications: Prevention and Management Olutoyin Olutoye M.D., M.Sc., F.A.A.P. Evolving Indications for EXIT Procedures**

Refresher Course Lecture | 225**State of the Art Labor Analgesia**

1:45-2:45 p.m. | Room E-2

Kenneth Nelson M.D.

This refresher course lecture is designed to bring the audience up to date with the latest advances in labor analgesia including technology, techniques, agents, and adjuncts.

Refresher Course Lecture | 234**Anesthesia for Nonobstetric Surgery and Procedures**

3-4 p.m. | La Nouvelle Ballroom AB

Yaakov Beilin M.D.

This Refresher Course Lecture will provide the information required to safely anesthetize the pregnant patient presenting for nonobstetric surgery. The physiologic changes of pregnancy and how it impacts on the mother, as well as the concepts of teratogenicity and apoptosis as it relates to the developing fetus will be discussed. An anesthetic plan for safely anesthetizing the mother will be presented.

Problem-Based Learning Discussions | L094**Anesthetic Considerations for the Jehovah's Witness Patient Undergoing Trial of Labor After Cesarean Delivery (TOLAC)**

3:30-4:45 p.m. | Room 343-345

Chawla LaToya Mason M.D.**Problem-Based Learning Discussions | L095****Placenta Percreta: Preparation and Management**

3:30-4:45 p.m. | Room 343-345

Cathleen Peterson-Layne M.D., Ph.D.**Monday, October 13****Problem-Based Learning Discussions | L104****She Was Advised Not to Get Pregnant and She Did: Pulmonary Hypertension and Pregnancy**

7:15-8:30 a.m. | Room 343-345

Tanya Lucas M.D.**120 Minute Panel | PN20****Maternal Mortality in the Developed World: What Should the Anesthesiologist Know?**

8-10 a.m. | Room 225-227

The panel will be clinically relevant with lectures that include evidence based recommendations that can be used by the audience in their practices to provide state of the art patient care.

Robert D'Angelo M.D.**Maternal Mortality Overview****John Sullivan M.D., M.B.A. Amniotic Fluid Embolism Alicia Dennis****MBBS, Ph.D., PGDipEcho, FANZCA Peripartum Cardiomyopathy****Arvind Palanisamy M.D., FRCA Maternal Sepsis****Problem-Based Learning Discussions | L128****A Parturient With Scoliosis and Harrington Rods**

12:30-1:45 p.m. | Room 343-345

Allison Lee M.D.**Problem-Based Learning Discussions | L129****Anesthetic Considerations for the Jehovah's Witness Patient Undergoing Trial of Labor After Cesarean Delivery (TOLAC)**

12:30-1:45 p.m. | Room 343-345

Chawla LaToya Mason M.D.**90 Minute Panel | PN66****Basic Considerations for the Occasional Obstetric Anesthesiologist**

8-9:30 a.m. | Room 208-210

This panel will provide practical recommendations for managing the parturient in labor and cesarean delivery. Protocols for providing the optimal labor anesthetic as well as way to troubleshoot a failed epidural catheter will be discussed. An anesthetic plan for the routine, urgent and stat cesarean delivery will be presented.

Yaakov (Jake) Beilin, M.D. Failed Labor Epidural: Where, Oh**Where Did My Pesky Catheter Go? Manuel C. Vallejo, Jr., M.D.****Labor Epidural Analgesia Triple Threat: Keeping Pain Score Low, Satisfaction Scores High, and Your Reputation Awesome! Chawla LaToya Mason, M.D. Cesarean Delivery Anesthesia: Should Protocols for Elective, Urgent and Stat Be the Same?****Problem-Based Learning Discussions | L147****Critical Management of a Parturient With Influenza Progressing to ARDS**

3:30-4:45 p.m. | Room 343-345

Vernon Ross M.D.**Problem-Based Learning Discussions | L148****A Parturient Presenting in Premature Labor With Single-Ventricle Physiology Complicated by Breech Presentation and Paroxysmal Supraventricular Tachycardia: What's Your Labor Management Plan?**

3:30-4:45 p.m. | Room 343-345

Manuel Vallejo M.D.**90 Minute Panel | PN77****What Are They Doing and Why? Obstetrics for the Anesthesiologist**

3:30-5 p.m. | Room 225-227

Barbara Scavone M.D.

This is a 90-minute panel intended to increase the obstetrics knowledge base for those anesthesiologists who administer obstetric anesthesia. Fetal assessment will include the most recent ACOG categories of fetal heart rate interpretation, which many anesthesiologists are unfamiliar with. Delivery decision-making will cover topics such as the risks and benefits of a trial of labor after cesarean, vaginal versus cesarean delivery of a singleton breech presentation, etc. The indications for magnesium and best practice for the administration of oxytocin will also be presented. **McCallum Hoyt M.D., M.B.A. Fetal Assessment Michaela Farber M.D., M.S. Delivery Decision-Making Richard Smiley M.D., Ph.D. Pharmacology of Common Obstetric Drugs**

Tuesday, October 14**Poster Presentations | P012-1****Obstetric Anesthesia: Cesarean Delivery**

10 a.m.-12 p.m. | Hall B1-Area C

Refresher Course Lecture | 414**Improving Patient Safety on the Labor and Delivery Suite through Changes in Culture, Education, and Communication**

11:45-12:45 p.m. | Room E-1

David Birnbach M.D., M.P.H.

This lecture will review suboptimal outcomes in obstetric patients that were related to poor communication, and will show methods to improve communication skills, thereby improving patient safety. Videos of simulated encounters will be shown to demonstrate principles of good and bad teamwork as well as communication on the L&D suite. Examples of the importance of situational awareness will also be addressed.

Problem-Based Learning Discussions | L173**Cesarean Delivery in a Patient With Hypertrophic Obstructive Cardiomyopathy**

12:30-1:45 p.m. | Room 343-345

Jaime Aaronson M.D. Stephanie Goodman M.D.

Problem-Based Learning Discussions | L187**Neurologic Complications Following Epidural Placement - How to Differentiate and Manage?**

12:30-1:45 p.m. | Room 343-345

Kelly Elterman M.D. David Hepner M.D.

Poster Discussions | PD12-2**Obstetric Anesthesia: Labor analgesia, outcomes, hemorrhage and miscellaneous**

3-4:30 p.m. | Room 244

Problem-Based Learning Discussions | L158**A Parturient With Scoliosis and Harrington Rods**

7:15-8:30 a.m. | Room 343-345

Allison Lee M.D.

Refresher Course Lecture | 403**Neuraxial Labor Analgesia and Pregnancy Outcome: Fact and Fiction**

8-9 a.m. | Room E-2

Cynthia Wong M.D.

Labor is a complex physiologic process. The mechanisms responsible for the progress of labor are not well understood. The effects of analgesia on the progress and outcome of labor are of concern to anesthesiologists, obstetricians, and parturients. This lecture will review the available data on the effects of neuraxial analgesia on the progress of labor and mode of delivery.

Refresher Course Lecture | 408**Strategies to Optimize Cesarean Delivery Analgesia**

9:15-10:15 a.m. | Room E-1

Brendan Carvalho F.R.C.A.

Cesarean delivery surgery causes moderate to severe postoperative pain that is often incompletely relieved by current pain management protocols. The lecture will discuss the role of neuraxial opioids, NSAIDs, acetaminophen, gabapentin, wound infiltration, transversus abdominis plane block, and future analgesic options to optimize post-cesarean analgesia and improve functional recovery. Analgesic drug exposure in breastfeeding infants, and techniques to minimize the transfer of analgesics into breast milk will also be discussed.

Problem-Based Learning Discussions | L167**She Was Advised Not to Get Pregnant and She Did: Pulmonary Hypertension and Pregnancy**

9-10:15 a.m. | Room 343-345

Tanya Lucas M.D.

Problem-Based Learning Discussions | L172**A Parturient Presenting in Premature Labor With Single-Ventricle Physiology Complicated by Breech Presentation and Paroxysmal Supraventricular Tachycardia: What's Your Labor Management Plan?**

9-10:15 a.m. | Room 343-345

Manuel Vallejo M.D.

Pain Medicine

Saturday, October 11

Subspecialty Panels | 602

(ASRA) Advancing Safety and Risk Management Strategies in Pain Medicine

7-8:15 a.m. | Room 238-239

David Provenzano M.D.

Infection and Interventional Pain Medicine - Prevention, Identification, and Management

Pain specialists utilize risk analysis and management strategies when providing and performing non-interventional and interventional treatment. This subspecialty panel will highlight three areas in chronic pain management where risk management strategies are critical to optimizing outcomes: 1) infection control, 2) anticoagulation, and 3) opioid related central and obstructive sleep apnea. For each of these three areas the associated risks for both practitioners and patients will be identified and evidence-based risk management and mitigation strategies will be provided. Related practice guidelines for each area will also be covered.

Honorio Benzon M.D. Anticoagulation Guidelines for Interventional Pain Procedures Eugene Viscusi M.D. Opioids Risks with Obstructive and Central Sleep Apnea

Problem-Based Learning Discussions | L010

Worsening Back Pain: To Inject or Not to Inject That Is the Question

7:15-8:30 a.m. | Room 343-345

Tariq Malik M.D.

Refresher Course Lecture | 105

Clinical Evaluation and Treatment of Neuropathic Pain

8-9 a.m. | Room 260-262

Timothy Lubenow M.D.

This lecture will address the historical and physical exam necessary to evaluate complaints of neuropathic pain. The tool of skin punch biopsy will be highlighted. Treatment algorithm utilizing recent guidelines regarding treatment alternatives will be discussed.

90 Minute Panel | PN40

Back Pain and Health Care Redesign: Preparing for Accountable Care

8-9:30 a.m. | Room 228-230

James Rathmell M.D.

Back Pain and Costs of Care

A multidisciplinary team from Massachusetts General Hospital has teamed up to create a coordinated approach to spine care. This session will present the actual advances experienced in the first year of this coordinated care, aimed at preparing to care effectively for patients with back pain in this era of health care reform.

Christopher Gilligan M.D., M.B.A. Back Pain and Inpatient Hospitalization Joseph Schwab M.D., M.S. Back Pain and Algorithms of Care

Poster Presentations | P003-2

Chronic and Cancer Pain

8-10 a.m. | Hall B1-Area A

Hands-on Workshop | 804

Acupuncture Workshop

8-11 a.m. | Room 333-334

Yuan-Chi Lin M.D.

Acupuncture is among the oldest healing arts and medical practices in the world. A part of traditional Chinese medicine, which is currently widely used in the United States, the practice restores and maintains health through the stimulation of specific acupuncture points in the body. Participants will have ample time to participate in hands-on demonstrations of acupuncture and related techniques. Joseph Chiang M.D. Brenda Golianu M.D. Priscilla Harrell M.D. Eric Hsu M.D. Anjana Kundu M.D. Tat Leang Lee M.B., B.S. Mei-Ying Liang M.D. Yue-Pang Mok M.D. Emily Ratner M.D. Lynn Rusy M.D. Yung-Fong Sung M.D. Rosalie Tassone M.D., M.P.H. Cynthia Tung M.D. Shu-Ming Wang M.D.

Hands-on Workshop | 801

Ultrasound Guided Injections-Live Models: Basic Techniques

8 a.m.-12 p.m. | Room 275-277

Hariharan Shankar M.B.

The participants will gain experience with hands-on demonstration of sonoanatomy, and technique in the performance of stellate ganglion, cervical and lumbar MBB, facet joint and shoulder injections. This session will cover ultrasound-guided techniques for those more experienced in ultrasound guidance under the tutelage of world renowned expert. Dalia Elmofly, M.D. Intercoastal, TAP John Hanlon, M.D. Hip and Suprascapular Nerve Injection Anne Marie McKenzie Brown, M.D. Piriformis, Knee, Ravi Shah, M.D. Iliioinguinal/Illiohypogastric, Genitofemoral, LFCN

Cadaver Workshops | CA01

Spinal Injections With Fluoroscopy- Cadaver: Basic Techniques

8 a.m.-12 p.m. | Room 271-273

Maunak Rana M.D.

This workshop will consist of a lecture followed by participants moving throughout stations to gain knowledge of fluoroscopically-guided interventional pain techniques and the performance of these interventional techniques at the cadaveric stations. The learner will be introduced to, review and perform common fluoroscopically guided lumbar/sacral injections for spine related pain. Injections will include Lumbar Translaminar, Lumbar Transforaminal, and Caudal Epidural Steroid Injections; Lumbar Medial Branch/Facet Injections/Radiofrequency Ablation therapies; Sacroiliac Joint Injections; S1 Transforaminal Injections. Anke Bellinger M.D. Lumbar MBB/Facet Joint/RFA Paul Hilliard M.D. Lumbar TFESI/SNRB Khalid Malik M.D. SIJ, S1 TFESI Vikram Patel M.D. Caudal and Lumbar ESI

Refresher Course Lecture | 111

The Role of Perioperative Physicians in Prevention of Chronic Pain After Surgery

9:15-10:15 a.m. | Room 260-262

Asokumar Buvanendran M.D.

This refresher course lecture will provide an overview of the risk factors and the role of the perioperative physician in preventing chronic pain after surgery.

Poster Discussions | PD03-1

Chronic and Cancer Pain

10-11:30 a.m. | Room 245

Clinical Forum | CF02**Complications in Pain Medicine and Preventive Strategies**

1-2:30 p.m. | Room 211-213

Hariharan Shankar M.B.,B.S.**Complications Related to Medications**

One of the dreaded factors in pain medicine is treatment related complications. This may significantly affect the patient, traumatize the physician and result in increased health care costs. A better understanding of the complications may help to initiate preventive strategies and improve outcome. This discussion will outline all the potential complications that are likely in pain medicine practice and suggest preventive strategies. In addition, when a bad outcome does occur unfortunately, the management options to decrease the damage will also be outlined. **Michael Erdek M.D. Opioid Related Complications Dalia Elmofly M.D. Complications in Interventional Pain Practice John Rowlingson M.D. Management Strategies When Complications Occur**

120 Minute Panel | PN07**Evidenced Based Chronic Pain Management in Children and Adolescents: Is There Evidence or Is It Bias?**

1-3 p.m. | Room 252-254

Santhanam Suresh M.D.

This panel will discuss the current evidence for management of chronic pain in children including cognitive behavioral management, neuropathic pain, headaches and the use of complementary therapy by the thought leaders in pediatric pain. **Gary Walco Ph.D. Cognitive Behavioral Management Elliot Krane M.D. Neuropathic Pain Charles Berde M.D., Ph.D. Headaches Yuan-Chi Lin M.D. Complementary Therapy**

Hands-on Workshop | 808**Ultrasound Guided Injections- Live Models: Advanced Techniques**

1-5 p.m. | Room 275-277

Philip Peng M.B.B.S.

Anatomy and relevant techniques for common major joint injections, muscle injections, and truncal peripheral nerve blocks. Live model workshop only. **Anuj Bhatia, M.D. Lumbar MBB and Facets Roderick Finlayson, M.D. Cervical MBB and Facets Neilish Soneji, M.D. Shoulder Daneil Warren, M.D. Stellate Ganglion**

Cadaver Workshops | CA02**Spinal Injections With Fluoroscopy-Cadaver: Advanced Techniques(Cervical/Thoracic)**

1-5 p.m. | Room 271-273

Timothy Lubenow M.D.**Advanced Fluoroscopically Guided Epidural and Medial Branch Injections of the Thoracic and Cervical Spine**

Workshop featuring advanced fluoroscopic injection techniques of the cervical and thoracic spine. Thoracic/cervical epidural steroid injection and thoracic/cervical medial branch block or radiofrequency ablation approaches covered. **Kayode Williams M.B., B.S. Station 1: Cervical Epidural Steroid Injection Salahadin Abdi M.D. Station 2: Thoracic ESI and TFESI Kenneth Candido M.D. Station 3: Cervical MBB/RFA David Maine M.D. Station 4: Thoracic MBB/RFA**

Refresher Course Lecture | 113**Complex Regional Pain Syndrome: What's New?**

1:30-2:30 p.m. | Room E-3

Richard Rauck M.D.

This will be a review but also update on diagnosis and treatment trends in complex regional pain syndrome.

Seminar | 811**Spinal Imaging for the Pain Medicine Physician**

2-4 p.m. | Room 338-339

Wyndam Strodtbeck M.D.**Identifying Features in a Spine MRI Relevant for a Pain Physician**

At the conclusion of this session, participants will understand commonly used spine imaging modalities, normal spine images, systematic reading of spine MRI and interpretation of spine imaging relevant to a pain practitioner. This session offers a unique opportunity to learn the commonly used imaging modalities during the practice of pain medicine, the interpretation of those images from a Radiologists perspective and their clinical significance from an experienced pain practitioner. This session is ideal for those considering the practice of pain medicine as well as those experienced pain practitioners attempting to enhance their knowledge. **Hossam Hamda M.D. Reading a CT Myelogram Andrew Klein M.D. Reading a Spine MRI**

90 Minute Panel | PN46**Radiofrequency Ablation for Spinal Pain: Techniques to Optimize Success**

3:30-5 p.m. | Room 225-227

Kevin Vorenkamp M.D.**Cervical Radiofrequency Ablation: Needle Orientation in Relation to the Medial Branch Anatomy**

In this panel Drs. Provenzano, Pino and Vorenkamp will review the anatomy relevant to RF lesioning of the sacroiliac joint, cervical spine and lumbar spine. Normal lesion characteristics with various RF techniques (RFA, pulsed RF, cooled RFA, multi lesion probe) will be discussed as well as techniques to modify lesion shape and size. Finally, clinical evidence demonstrating successful integration of techniques into clinical practice will be discussed. **David Provenzano M.D. Lumbar Medial Branch RFA and Factors Affecting Lesion Size Carlos Pino M.D. Sacroiliac Joint RFA-Techniques and Controversies**

Sunday, October 12**Oral Presentations | OR03-1****Chronic and Cancer Pain**

8-9:30 a.m. | Room 243

Point-Counterpoint | PC06**Long-Term Opioid Treatment for Chronic Non-Malignant Pain**

8-9:30 a.m. | Room 203-205

Gary Brenner M.D., Ph.D.**PRO: The Long-term Use of Opioids is an Acceptable Treatment Option for Chronic Non-malignant Pain**

This session will explore the evidence and distribution of chronic non-malignant pain and the different treatment options including the long-term use of opioids. Using a point-counterpoint format, the will argue for or against the long-term use of opioids for chronic non-malignant pain, review the current literature as well as limitations and discuss potential options and future perspectives. **Rene Przkora M.D., Ph.D. CON: Long-term Treatment of Chronic Non-malignant Pain With Opioids is Not Acceptable**

90 Minute Panel | PN101**Neuropathic Pain: From Mechanisms to Outcomes**

8-9:30 a.m. | Room 252-254

Jianguo Cheng M.D.**(1) Classification and Mechanisms of Neuropathic Pain; (2) Interventional Approaches to Neuropathic Pain**

Neuropathic pain affects millions of Americans, leading to individual suffering, short and long term disability, diminished quality of life, and high cost to society. Healthcare charges were threefold higher for painful neuropathic disorder patients compared with matched control subjects. Managing neuropathic pain is challenging because many neuropathic conditions are refractory to various treatments. In this educational session we will bring together experts to review the definition, classification, mechanisms, assessment and diagnosis, and evidence of treatment options of neuropathic pain. The focus is on evidence-based decision making to improve the outcomes of clinical practice. The listed objectives will be achieved by reviewing the basic science, evidence-based clinical guidelines, and management strategies of common neuropathic pain conditions. The participants will be able to gain competence in applying a comprehensive approach to neuropathic pain management that includes nonpharmacological, pharmacological, and interventional therapies. The key to safe, efficacious, and cost-effective management of neuropathic pain is to have a multimodal strategy because neuropathic pain rarely responds well to monotherapy.

Timothy Lubenow M.D. Treatment Approaches to Neuropathic Pain**Philip Peng M.B.B.S. IV Therapy and Ketamine for Neuropathic Pain****Cadaver Workshops | CA03****Introduction to Ultrasound and Fluoroscopic-Guided Techniques for Chronic Pain Management: Live Models and Cadavers**

8 a.m.-12 p.m. | Room 271-273

David Provenzano M.D.**Ultrasound for Pain Medicine**

This session will highlight the procedural skills required for axial and nonaxial interventional pain procedures performed under both ultrasound and fluoroscopic guidance. Interpretation of various skeletal and soft tissue structures as seen with fluoroscopy and ultrasound, as well as proper angles and views used to perform interventional pain management procedures will be taught. In addition, this session integrates a cadaver station which will provide direct comparison for specific interventional procedures performed under both visualization techniques. The ability to view dynamic images using ultrasound in live models and practicing needle placement on cadavers offers an added benefit. **Srinivas Chiravuri M.D. Ultrasound Guided Interventional Pain Procedures Robert Goldstein M.D. Fluoroscopic Guided Pain Procedures Amaresh Vydyanathan M.D. Fluoroscopic Guided Pain Procedures Maunak Rana M.D.**

Cadaver Workshops | CA04**Head and Neck Blocks (Ultrasound and Fluoroscopy)-Cadaver and Live Models**

8 a.m.-12 p.m. | Room 275-277

Miles Day M.D.**Head and Neck Blocks Using Fluoroscopy and Ultrasound**

Advanced pain intervention workshop featuring blocks of the head and neck. Cervical facet injections/medial branch blocks, stellate ganglion blocks, trigeminal blocks, and greater occipital nerve blocks are covered. Both fluoroscopic and ultrasonographic approaches are demonstrated where applicable. **Antoun Nader M.D. Station 1. Ultrasound for Stellate and V2/V3 Roderick Finlayson M.D. Station 2. Ultrasound for Greater Occipital Nerve (GON) and Cervical Facets Magdalena Anitescu M.D. Station 3. Fluoro for Cervical MBB/Facets James North M.D. Station 4. Fluoro for Stellate, Trigeminal Blocks**

Refresher Course Lecture | 210**Modern Concepts in Spinal Cord Stimulation**

9:15-10:15 a.m. | Room E-3

Timothy Deer M.D.

Neurostimulation is a rapidly advancing and changing therapy for the treatment of chronic pain. Data is rapidly becoming available with new treatment modalities and methods of stimulation. It is important for clinicians to understand the applications, patient selection and potential risks of such therapies to insure proper utilization and successful treatment outcomes. Clinical practice remains highly diverse, based on clinician experience and perceived patient needs. A review of the data on these new therapies is vital to insure proper patient selection and therapeutic utilization. This session will focus on the data and application of three new advances in Neurostimulation including: Burst, dorsal root ganglion and High Frequency. Specific recommendations will be reviewed, accompanied by new survey data from multiple sources describing current practice, clinician views of the best practices recommendations, and their willingness and barriers to change. Discrepancies between current practice and the consensus recommendations will be identified along with practical considerations for practice implementation. A highly interactive session is planned to include the views of the audience in a mutual exchange designed to mitigate these discrepancies.

Refresher Course Lecture | 216**Head and Neck Pain: A Clinical Approach**

10:30-11:30 a.m. | Room E-3

Samer Narouze M.D., Ph.D.

This refresher course lecture entails a review of newest (ICHD-3) classifications of head and neck pain. The diagnostic criteria for various head and neck pain disorders will be analyzed. This will help physicians to formulate a practical multimodal treatment plan for such pain disorders including when to utilize Botox injections and other various interventional and neuromodulatory techniques.

Refresher Course Lecture | 220**Radiofrequency Ablation for the Treatment of Spine Pain: Understanding the Basic Principles and Clinical Applications**

12:30-1:30 p.m. | Room E-3

David Provenzano M.D.

This refresher course will provide an overview on the utilization of radiofrequency for the treatment of pain conditions including cervical and lumbar facet and sacroiliac joint related pain. Particular areas that will be discussed will include the current level of efficacy and safety data, patient selection, and the electrophysiological principles of thermal, pulsed, and cooled probe radiofrequency. The technical limitations and methods to modulate lesion size will be described. Equipment advancements for radiofrequency ablation techniques will also be evaluated.

Problem-Based Learning Discussions | L075**Opioid-Induced Hyperalgesia Tolerance and Chronic Postsurgical Pain: A Dilemma Complicating Postoperative Pain Management**

12:30-1:45 p.m. | Room 343-345

Dalia Elmofly M.D.**Poster Presentations | P003-1****Chronic and Cancer Pain**

1-3 p.m. | Hall B1-Area B

Seminar | 816**Physical Exam Workshop for Pain Physicians**

1-4 p.m. | Room 346-347

Brian Starr M.D.

This workshop focuses on training in practical and important musculoskeletal, neurological physical examination skills for the comprehensive pain physician. Examination skills focus on musculoskeletal exam of the cervical and lumbar spine, shoulder, hip, and sacroiliac joint. Additionally neurological exam of the head, upper extremities, and lower extremities are covered.

Ming-Chih Kao M.D. Neurological Exam: Lower Extremity**Thomas Kotsonis M.D. Musculoskeletal Exam: I Spine, Hip, SI Joint****Ameet Nagpal M.D. Neurological Exam: Head and Upper Extremities****Hands-on Workshop | 814****Ultrasound Guided Musculoskeletal Injections- Live Models: Beyond Corticosteroids**

1-5 p.m. | Room 271-273

James Modir M.D.

A 4 hour workshop designed for practitioners interested in learning the role of non-steroid injectables, relevant gross anatomy correlated with sonographic imaging, and review common ultrasound guided musculoskeletal injections on live models.

Peter Cheng D.O. Einar Ottestad M.D. Wyndam Strodtbeck M.D.**Cadaver Workshops | CA05****Radiofrequency Ablation of the Spine, Sacrum, and Lumbar Disc**

1-5 p.m. | Room 275-277

Maxim Eckmann M.D.**Radiofrequency Ablation of the Spine, Sacrum, and Lumbar Disc**

Advanced interventional pain management workshop featuring fluoroscopically guided radiofrequency (RF) lesions for the treatment of a variety of spine related pain syndromes, including cervical facetogenic pain, lumbar facetogenic pain, lumbar discogenic pain, and sacroiliac pain. Workshop complements introductory knowledge of injection techniques for prognostic blockade of these structures where applicable. Conventional monopolar RF and cooled RF technique demonstrated where applicable. **Esther Benedetti M.D. Station 1: Cervical Facet Neurotomy** Advanced interventional pain management workshop featuring fluoroscopically guided radiofrequency (RF) lesions for the treatment of a variety of spine related pain syndromes, including cervical facetogenic pain, lumbar facetogenic pain, lumbar discogenic pain, and sacroiliac pain. Workshop complements introductory knowledge of injection techniques for prognostic blockade of these structures where applicable. Conventional monopolar RF and cooled RF technique demonstrated where applicable. **Esther Benedetti, M.D. Station 1: Cervical Facet Neurotomy** **Ali Mchaourab M.D. Station 2: Lumbar Facet Neurotomy** **Michael Erdek M.D. Station 3: Disc Biacuplasty** **Carlos Pino M.D. Station 4: Sacroiliac Joint Neurotomy**

Problem-Based Learning Discussions | L093**Worsening Back Pain: To Inject or Not to Inject That Is the Question**

3:30-4:45 p.m. | Room 343-345

Tariq Malik M.D.**Refresher Course Lecture | 235****Cancer Pain Management in 2014**

4:15-5:15 p.m. | RiverGate

Oscar De Leon-Casasola M.D.

The key to the success of cancer pain treatment is determining the exact source of the pain. Multimodal Pharmacological therapy is successful in the great majority of patients. For those who cannot tolerate drug titration or optimal doses do not result in adequate analgesia, the use of interventional techniques has resulted in adequate analgesia in the great majority of patients. A description of the different pharmacological and interventional techniques, and the caveats in implementing these therapies will be presented.

Monday, October 13**Refresher Course Lecture | 302****Therapeutic Epidural Injections: Safety Considerations and Evidence Basis**

8-9 a.m. | Room E-1

Marc Huntoon M.D.

This session will describe the current uses of various corticosteroids and other emerging anti-inflammatory agents for the treatment of radiculitis. In addition, recent developments have reinforced the need for safety strategies to limit potential complications of both procedurally-related neurological injury and infections. Participants who do these procedures should consider attending this session.

120 Minute Panel | PN22**Palliative Care and the Anesthesiologist**

8-10 a.m. | Room 252-254

Mihir Kamdar M.D.**Where Anesthesia, Palliative Care, and Modern Healthcare Collide:****Understanding the Importance of Perioperative Palliative Care**

Palliative Care is centered on optimizing symptom management, assisting with medical decision making, and addressing ethical conflict in patients with advanced illness. Tasked with the wellbeing of patients during the perioperative period, anesthesiologists are often faced with palliative care issues. They routinely engage in discussions of perioperative use of advanced directives, handle ethical dilemmas in the OR, and have expertise in pain management. Despite this unique position, anesthesiologists receive little training in palliative care. This panel will discuss the role of anesthesiologists in perioperative palliative care, educate attendees on navigating difficult conversations around goals of care and breaking bad news, discuss ethical dilemmas in the OR, and highlight the role of anesthesiologists in managing refractory pain at the end of life. **Jacob Strand M.D. What Should I Do When Things Don't Go Well?: Breaking Bad News and Honoring Advanced Directives in the OR** **Shane Volney M.D. Refractory Pain at the End-of-Life: The Unique Role of the Anesthesiologist** **Elizabeth Rickerson M.D. To Stand Up or Not? Ethical Issues in the Perioperative Setting and the Surgical ICU**

Poster Presentations | P003-3**Chronic and Cancer Pain**

8-10 a.m. | Hall B1-Area B

Problem-Based Learning Discussions | L115**Opioid-Induced Hyperalgesia Tolerance and Chronic Postsurgical Pain: A Dilemma Complicating Postoperative Pain Management**

9-10:15 a.m. | Room 343-345

Dalia Elmofly M.D.**Refresher Course Lecture | 308****The Strain in Pain Lies Mainly in the Brain: Lessons Learned from the Neuroimaging of Pain**

9:15-10:15 a.m. | Room E-1

Sean Mackey M.D., Ph.D.

Chronic pain affects over 100 million Americans costing a trillion dollars per year. Recently the CNS has been shown to play a pivotal role in the generation and maintenance of chronic pain. Investigators have used central neuroimaging tools to open windows into the brain to better characterize the neural correlates of pain. They have discovered that there are brain regions involved with pain including the somatosensory cortex, prefrontal cortex, anterior cingulate cortex, and insular cortex. We will review the current neuroimaging data for pain and describe their abnormalities in frontal and limbic brain systems associated with acute and chronic pain. At the end of this talk the participant will have a better appreciation of the neural plasticity involved with pain and its therapeutic implications.

Seminar | 818**Practical Pain Medicine Coding, Compliance and Workflow Strategies for 2014**

9-11 a.m. | Room 276-277

Kevin Vorenkamp M.D.**Station 2: Billing and Compliance-Avoiding Fraud, Maximizing Potential**

At the conclusion of this session, participants will demonstrate an appreciation for the factors contributing to a successful and compliant pain medicine practice. In this interactive workshop, participants will rotate through all 3 stations for case discussions on various aspects of pain medicine coding, billing and practice management. Focus will be on developing a sustainable pain medicine practice through efficient workflow patterns. Additional emphasis will focus on commonly asked questions regarding ICD-10 coding, compliance and fraudulent billing examples (and how to avoid them). **Sharon Merrick M.S., CCS-P Station 1: ICD-10 How Is It Impacting Your Practice? Problems, Solutions** **Kayode Williams M.D., M.B.A. Station 3: Clinical Workflow: Strategies to Maximize Efficiency AND Patient Satisfaction**

Refresher Course Lecture | 317**Improving Safety Through Use of Diagnostic Imaging and Image Guidance in Pain Medicine**

12:30-1:30 p.m. | La Nouvelle Ballroom AB

James Rathmell M.D.

This session is designed to review the use of diagnostic imaging and image-guided needle placement during the treatment of patients with chronic and cancer-related pain with an emphasis on how best to use these technologies to improve safety.

Poster Discussions | PD03-2**Chronic and Cancer Pain**

1-2:30 p.m. | Room 244

90 Minute Panel | PN69**Management of Chronic Pain: A Review of Treatment Modalities**

1-2:30 p.m. | Room 220-222

Magdalena Anitescu M.D.**Infusion Therapies in Chronic Pain Management**

This panel will review the essential treatment modalities in chronic pain. The 4 s will focus on the following topics: injections (neuraxial, sympathetic, head and neck, etc), infusions (ketamine, lidocaine, etc) , surgery (intrathecal pumps, stims, etc) and destructive/restorative procedures (mild, IDET, coblation, radiofrequency, etc); this will provide an excellent review for the practitioner of the current treatment modalities in pain management. **Daniel Warren M.D. Needles, Images and Beyond: Injections in Interventional Pain Management** **Salim Hayek M.D., Ph.D. Surgical Procedures in Interventional Pain Management**

Refresher Course Lecture | 319**Interventional Pain Procedures in Patients on Anticoagulants**

1:45-2:45 p.m. | Room E-1

Honorio Benzon M. D.

The RCL will review the reasons for increased bleeding from medications used in pain management (antidepressants, anticonvulsants, NSAIDs) and from certain pain procedures (e.g. spinal cord stimulation); discuss the case reports of spinal hematoma after pain procedures in patients who were on aspirin only, on no anticoagulants, or when the coagulation studies were normal; identify recommended intervals between drug stoppage and neuraxial procedures as it pertain to the new anticoagulants; and, explain the upcoming ASRA guidelines on pain procedures in patients on anticoagulants.

Refresher Course Lecture | 324
Algorithmic Approach to Back Pain

3-4 p.m. | RiverGate

Nagy Mekhail M.D.,Ph.D.

The lecture will describe the anatomy of lumbar spaces and possible pain generators. The differential diagnosis of Discogenic pain, Lumbar Radiculopathy, Lumbar Spinal Stenosis, Lumbar Facets syndrome as well as Sacroiliac Joint dysfunction will be discussed. Also, the state-of-the-art minimally invasive techniques to treat such conditions will be demonstrated.

Point-Counterpoint | PC12**Should We Discontinue the Use of Opioids for the Treatment of Chronic Pain?**

3-4:30 p.m. | Room 203-205

Rafael Miguel M.D.**PRO: A Reassessment of Their Risks and Benefits**

There has been considerable public activity arguing to discontinue use of long-term opioids for chronic pain management (e.g., PROP). There is mounting evidence of increased mortality with doses above 50-100mg/day morphine equivalents. Furthermore, chronic pain patients appear to report similar pain evaluation scores years after starting their opioid course of therapy as compared to pre-opioid treatment. A reassessment of the “there is no upper limit of opioid therapy” mentality popularized in the 90’s is appropriate. **Oscar De Leon-Casasola M.D. CON**

Tuesday, October 14**Refresher Course Lecture | 427****Healthcare Reform and Pain Medicine -Impact and Strategies for Future Success**

2:15-3:15 p.m. | Room E-2

Richard Rosenquist M.D.

This lecture will examine the impact of healthcare reform on the practice of pain medicine and propose strategies to succeed in the transition to a lower cost model of healthcare delivery.

Pediatric Anesthesia

Saturday, October 11

Problem-Based Learning Discussions | L012

Application of Pediatric Advanced Life Support for Managing a Patient With a Defibrillator Who Develops an Intraoperative Cardiac Arrest

7:15-8:30 a.m. | Room 343-345

David Young M.D., MBA

90 Minute Panel | PN41

What Anesthesiologists Need to Know About Resuscitating Kids in the OR

8-9:30 a.m. | Room 255-257

Jayant Deshpande M.D., M.P.H.

This Panel will provide an up-to-date review of the most common etiologies of perioperative cardiac arrest in children, describe effective treatment algorithms, and provide practical strategies for specific pediatric perioperative cardiac arrest scenarios.

Donald Shaffner Jr., M.D. How to Prepare: What Causes Pediatric Perioperative Cardiac Arrest? Eugenie Heitmiller M.D. Pediatric Perioperative Cardiac Arrest Algorithms David Murray M.D. Treatment for Specific Pediatric Perioperative Arrest Scenarios (Laryngospasm, Prone Positioning, Local Anesthetic Toxicity, etc.)

Poster Presentations | P015-1

Pediatric Anesthesia

8-10 a.m. | Hall B1-Area E

Hands-on Workshop | 806

Advanced Ultrasound Guided Pediatric Regional Anesthesia Workshop

8-11 a.m. | Room 338-339

Amod Sawardekar M.D.

This workshop will teach practical skills and performance of the most common peripheral nerve blocks in pediatric regional anesthesia that have the most utility with the use of ultrasound. The participant will better understand the underlying anatomy of both the target nerves and the surrounding structures.

Tarun Bhalla M.D. Karen Boretsky M.D. Adrian Bosenberg M.B.,Ch.B. Jami Eidem M.D. Richard Elliott M.D. Arjunan Ganesh M.B.B.S.

Andrea Huang M.D. Giorgio Ivani M.D. Manoj Karmakar M.B.,B.S. Edward Mariano M.D. Santhanam Suresh M.D. Ravi Shah M.D. Benjamin Walker M.D.

Problem-Based Learning Discussions | L016

Trials and Tribulations: Interventional Management for Recurrent Complex Regional Pain Syndrome in Children

9-10:15 a.m. | Room 343-345

Stephen Hays M.D.

Problem-Based Learning Discussions | L024

Tonsillectomy and Adenoidectomy in a Child With Down Syndrome More to It Than You Think!

9-10:15 a.m. | Room 343-345

Catherine Seipel M.D.

Problem-Based Learning Discussions | L004

When It Rains, It Pours; Large AVM Heart Failure Pulmonary HTN and Now There Is V-tach!

12:30-1:45 p.m. | Room 343-345

Christina Diaz M.D.

Problem-Based Learning Discussions | L031

Why Does My Patient Scheduled for Endoscopic Sinus Surgery Have Severe Groin Pain?

12:30-1:45 p.m. | Room 343-345

Kirk Lalwani M.D. Christine Martin M.D.

Poster Discussions | PD15-1

Pediatric Anesthesia: Cardiac

3-4:30 p.m. | Room 244

Problem-Based Learning Discussions | L039

Wake Up Your Surgery Is Not Over

3:30-4:45 p.m. | Room 343-345

Prabhakar Devavaram M.B.,B.S.

Problem-Based Learning Discussions | L041

I Passed Gas in the Operating Room. Are Volatile Agents Really Silent and Deadly to Patients With Muscular Dystrophy?

3:30-4:45 p.m. | Room 343-345

Matthew Green M.D.

Refresher Course Lecture | 125

Pediatric Ambulatory Anesthesia: Challenges and Controversies

4-5 p.m. | Room E-3

Linda Mason M.D.

This RCL will deal with common ambulatory problems in pediatric anesthesia including co-morbidities like OSA, obesity and prematurity. In addition, a step by step approach from admission to discharge of ambulatory surgery will be detailed.

Sunday, October 12

Refresher Course Lecture | 203

Current Controversies in Pediatric Anesthesia

8-9 a.m. | Room E-2

Lena Sun M.D.

This refresher course will deal with controversies that are commonly encountered in pediatric anesthesia you encounter in daily practice.

Hands-on Workshop | 812

Pediatric Airway Workshop

8-11 a.m. | Room 346-347

Narasimhan Jagannathan M.D.

This workshop will demonstrate a wide variety of pediatric airway devices, and will offer the opportunity for participants to become familiar and comfortable with each device through hands-on practice. Jennifer Anderson M.D. John Fiadjoe M.D. Agnes Hunyady M.D. Pete Kovatsis M.D. Mohamed Mahmoud M.B.,B.Ch. Vivian Manying Yuen M.B.,B.S. Bruno Marciniak M.D. Maria Matuszczak M.D. John McAllister M.D. Sydney Nykiel D.O. Patrick Olomu M.D. Paul Reynolds M.D. Jalil Riazzi M.D. Lisa Sohn M.D. Paul Stricker M.D. Peter Szmuk M.D. Samuel Wald M.D. Michelle White M.D.

Problem-Based Learning Discussions | L065

I Passed Gas in the Operating Room. Are Volatile Agents Really Silent and Deadly to Patients With Muscular Dystrophy?

9-10:15 a.m. | Room 343-345

Matthew Green M.D.

Problem-Based Learning Discussions | L072

Application of Pediatric Advanced Life Support for Managing a Patient With a Defibrillator Who Develops an Intraoperative Cardiac Arrest

9-10:15 a.m. | Room 343-345

David Young M.D., MBA

Refresher Course Lecture | 212**New Guidelines: Pediatric Advanced Life Support for the Anesthesiologist**

9:15-10:15 a.m. | La Nouvelle Ballroom AB

Eugenie Heitmiller M.D.

This RCL will address the current updated pediatric Advanced Life support guidelines. In addition, management of a variety of common arrhythmias in neonates and children will be addressed.

90 Minute Panel | PN55**Pediatric Adenotonsillectomy: Enhancing Quality and Efficiency; Ensuring Safety**

10-11:30 a.m. | Room 217-219

Lynne Maxwell M.D.

This 90-minute panel will educate attendees how to care for pediatric adenotonsillectomy patients in order to achieve safe and efficient care. **Deborah Schwengel M.D. Preoperative Assessment and Decision-Making Ronald Litman D.O. Intraoperative Strategies to Ensure Postoperative Safety and Efficient PACU Stay Kimmo Murto M.D. Choosing Safe Postoperative Pain Management, in the Hospital and at Home**

Poster Presentations | P015-2**Pediatric Anesthesia**

10 a.m.-12 p.m. | Hall B1-Area E

Refresher Course Lecture | 217**Anesthesia for the Patient With Congenital Heart Disease for Emergent Non-Cardiac Surgery: Are You Well Equipped?**

10:30-11:30 a.m. | Room 260-262

Dean Andropoulos M.D.

This RCL will deal with children with congenital heart disease corrected and non-corrected who are scheduled for emergent surgery. Pharmacodynamics as well as vasoactive management will be explained in detail for common congenital heart diseases.

Refresher Course Lecture | 219**Anesthetic Induced Neurotoxicity in Pediatric Patients: A Status Update**

12:30-1:30 p.m. | Room E-2

Randall Flick M.D., M.P.H.

This RCL will provide attendees with a case based approach to common pediatric scenarios that may be encountered in any practice setting. This RCL will include a description of the case, review of the relevant literature and discussion of management options.

Refresher Course Lecture | 221**Neonatal Emergencies: Simple Approach to Success**

12:30-1:30 p.m. | Room 260-262

Samuel Wald M.D.

This refresher course will deal with common neonatal emergencies that are encountered, their preoperative and intraoperative management including airway and fluid management.

120 Minute Panel | PN13**They Walk Among Us: Anesthesia for Adults With Pediatric Disease 1-3 p.m. | Room 228-230****Debra Morrison M.D.**

Patients with structural or physiological congenital disease and/or those born prematurely are now much more likely to live well into adulthood and require surgery as adults, which may or may not be related to the underlying disease. As these patients become mature individuals, stigmata of the disease may become far less apparent, but the significance of the original diagnosis may not diminish. Pediatric anesthesiologists who care for these patients as children offer the benefit of their experience to the adult anesthesiologists who will inherit them. **Edward Nemerlut M.D. Cystic Fibrosis Laura Diaz M.D. Congenital Heart Disease - Structural Defects and Arrhythmias Claire Brett M.D. Ex-Premies Richard Dsida M.D. Down Syndrome, Achondroplasia and other Congenital Diseases Seen in Adult Patients**

Hands-on Workshop | 823**Perioperative Pediatric Advanced Life Support Simulation**

1-4 p.m. | Room 281

Scott Watkins M.D.

This simulation workshop will focus on Perioperative (Anesthesia-Centric) PALS with content tailored to events unique to the pediatric patient including emergencies of cardiac, pulmonary, neurologic, metabolic, endocrine and toxin origin. The workshop will begin with a 45-minute didactic and Q&A session. Simulation sessions will follow with each scenario being 15 minutes in length with a 25 to 30-minute debrief afterward that will focus on the workshop objectives. A 5-minute break will be given between each station. There will be 4 scenario-stations per workshop with each station covering a different pediatric perioperative emergency. Workshop attendees will manage each scenario as a team. There will be a team leader and a first responder at each station. The other participants will fill scripted roles to which they will be introduced (nurse, surgeon, tech, etc.) and one participant will play the role of observer in order to give feedback to the team (along with the facilitator). **Cory Furse M.D. Elisabeth Hughes M.D. Erin Pukenas M.D. Amanda Redding M.D. Laura Zeigler M.D.**

Problem-Based Learning Discussions | L091**Why Does My Patient Scheduled for Endoscopic Sinus Surgery Have Severe Groin Pain?**

3:30-4:45 p.m. | Room 343-345

Kirk Lalwani M.D. Christine Martin M.D.**Problem-Based Learning Discussions | L096****Tonsillectomy and Adenoidectomy in a Child With Down Syndrome More to It Than You Think!**

3:30-4:45 p.m. | Room 343-345

Catherine Seipel M.D.**Monday, October 13****Poster Presentations | P015-3****Pediatric Anesthesia**

10 a.m.-12 p.m. | Hall B1-Area D

Clinical Forum | CF10**Anesthetic Safety in Newborns Can Be Achieved by Sticking to Little Details**

1-2:30 p.m. | Room 206-207

Susan Verghese M.D.

1-day-old 33 week gestation baby admitted with TEF and VACTERL association for repair. **Songyo Valairucha M.D. Senthikumar Sadhasivam M.D. Carolyn Bannister M.D.**

90 Minute Panel | PN71**TIVA for TOTS**

1-2:30 p.m. | Room 228-230

Zulfiqar Ahmed M.D., F.A.A.P.

Total Intravenous anesthesia TIVA in pediatric population is an emerging and developing technique that has yet to reach its full potential. In this panel we plan to cover the whole peri-operative scenario from obtaining intravenous access from new and innovative ways in order to minimize the stress all the way to a successful TIVA technique. **Sam Sharar M.D. Positioning and Distraction for IV Placement in Kids Gregory Schears M.D.**

Topical Anesthesia and Imaging Techniques to Increase IV Placement Success J. Ansermino M.B., B.Ch. TIVA in Kids - What Works?

Problem-Based Learning Discussions | L123**Cardiovascular Collapse During Thoracoscopic Tracheoesophageal Fistula Repair**

12:30-1:45 p.m. | Room 343-345

Kimberly Blasius M.D.**Problem-Based Learning Discussions | L135****Using Advanced Trauma Life Support to Manage a Pediatric Trauma Patient With Traumatic Brain Injury and Disclosure of Difficult News After a Poor Outcome**

12:30-1:45 p.m. | Room 343-345

David Young M.D., MBA**Refresher Course Lecture | 328****Airway Management in Pediatric Emergencies: The Tricks of the Trade**

3-4 p.m. | Room 260-262

Paul Reynolds M.D.

This refresher course will address airway intervention techniques in infants and children when they encounter emergent situations using current available techniques.

Problem-Based Learning Discussions | L106**A Child With Mitochondrial Disease and Propofol Allergy Who May be Susceptible to Malignant Hyperthermia**

7:15-8:30 a.m. | Room 343-345

Jayant Pratap M.B., B.Ch.**Problem-Based Learning Discussions | L140 When It Rains It Pours; Large AVM Heart Failure Pulmonary HTN and Now There Is V-tach!**

7:15-8:30 a.m. | Room 343-345

Christina Diaz M.D.**Poster Discussions | PD15-2****Pediatric Anesthesia: Miscellaneous**

8-9:30 a.m. | Room 244

Problem-Based Learning Discussions | L121**It Is Just a Nosebleed Isn't It? Anesthetic Considerations for Unsuspected Pulmonary Hypertension**

9-10:15 a.m. | Room 343-345

Shu Ming Wang M.D.

Tuesday, October 14

Subspecialty Panels | 610 (SPA) The Child With Congenital Heart Disease Presenting for Non-Cardiac Surgery

7-8:15 a.m. | Room 238-239

Shobha Malviya M.D.

The Society for Pediatric Anesthesia panel will provide an overview of the safe perioperative management for children with congenital heart disease who present for non-cardiac surgery. Important findings on preoperative assessment will be identified and strategies for optimizing the preoperative condition will be discussed. A thorough and practical approach to perioperative management of these patients will be outlined and staffing challenges will be addressed. **Chandra Ramamoorthy M.D.**

Preoperative Assessment and Optimization - When Should We Be Scared Bridget Pearce M.D. Intraoperative and Postoperative Management - How to Do It with Finesse Dean Andropoulos M.D., M.H.C.M. Staffing Issues - When Should We Just Say No

Clinical Forum | CF12**In a Land Far Away From Home ... Remote Anesthetic Care for the Medically Complex Pediatric Patient**

8-9:30 a.m. | Room 206-207

Inger Aliason M.D.

This forum will explore the multitude of challenges associated with provision of anesthetic care to the medically complex pediatric patient in remote locations. Topics will include, but not be limited to, airway management, anesthetic techniques and medications, radiation exposure and monitoring. **Kirk Lalwani M.B., B.S., FRCA Remote Anesthetic Care for Pediatric PET/CT Keira Mason M.D. Anesthetic Care of a Child With Duchenne's Muscular Dystrophy for MRI Judith Handley M.D. Anesthetic Care for Radiation Therapy of a Child With Cardiomyopathy**

Hands-on Workshop | 832**Point of Care: Novel Use of Ultrasonography in Everyday Pediatric Anesthesia Practice**

8-11 a.m. | Room 353-354

Santhanam Suresh M.D.

The use of point of care ultrasonography for diagnostic and therapeutic assessments for pediatric patients. This includes use of the ultrasound for vascular access, airway anatomy, detection of pneumothorax, and cardiac imaging. **Dean Andropoulos M.D. Wendy Binstock M.D. Vincent Chan M.D. James Di Nardo M.D. Dawit Haile M.D. Courtney Alan Hardy M.D. Narasimhan Jagannathan M.D. Bruno Marciniak M.D. Scott Markowitz M.D., FAAP Amod Sawardekar M.D. Gregory Schears M.D. Luis Zabala M.D.**

Problem-Based Learning Discussions | L163**Wake Up Your Surgery Is Not Over**

9-10:15 a.m. | Room 343-345

Prabhakar Devavaram M.B., B.S.**Refresher Course Lecture | 409****Acute Postoperative Pain Management in Infants and Children: Size Does Matter!**

9:15-10:15 a.m. | Room E-2

Patrick Birmingham M.D.

This RCL will deal with common surgical pediatric patients including neonates and infants undergoing common orthopedic, urology, pediatric and ENT surgery. Pharmacology of commonly used medication will be discussed with an evidenced based approach to care.

Poster Discussions | PD15-3
Pediatric Anesthesia: General
10-11:30 a.m. | Room 244

Problem-Based Learning Discussions | L177
Trials and Tribulations: Interventional Management for Recurrent Complex Regional Pain Syndrome in Children
12:30-1:45 p.m. | Room 343-345
Stephen Hays M.D.

Problem-Based Learning Discussions | L182
A Child With Mitochondrial Disease and Propofol Allergy Who May be Susceptible to Malignant Hyperthermia
12:30-1:45 p.m. | Room 343-345
Jayant Pratap M.B.,B.Ch.

120 Minute Panel | PN31
Editor's Picks in Pediatric Anesthesiology 2014
1-3 p.m. | Room 255-257
Constance Houck M.D.
This session features editors from each of the prominent Anesthesia journals discussing the publications within their journal that have particular importance for anesthesiologists caring for children. **Alan Jay Schwartz M.D., M.S. Anesthesiology, James DiNardo, M.D., Anesthesia and Analgesia, Andrew Davidson, M.D., Pediatric Anesthesia, Robin Cox, M.D., Canadian Journal of Anesthesia**

Poster Presentations | P015-4
Pediatric Anesthesia
1-3 p.m. | Hall B1-Area E

Refresher Course Lecture | 426
Anesthetic Management of Common Pediatric Emergencies
2:15-3:15 p.m. | Room E-1
Franklyn Cladis M.D.
This RCL will deal with common pediatric emergencies in infants and children. The RCL will allow you to navigate your course through common emergencies that you see in every day practice.

Problem-Based Learning Discussions | L185
Cardiovascular Collapse During Thoracoscopic Tracheoesophageal Fistula Repair
3:30-4:45 p.m. | Room 343-345
Kimberly Blasius M.D.

Problem-Based Learning Discussions | L193
It Is Just a Nosebleed, Isn't It? Anesthetic Considerations for Unsuspected Pulmonary Hypertension
3:30-4:45 p.m. | Room 343-345
Shu Ming Wang M.D.

Problem-Based Learning Discussions | L194
Using Advanced Trauma Life Support to Manage a Pediatric Trauma Patient With Traumatic Brain Injury and Disclosure of Difficult News After a Poor Outcome
3:30-4:45 p.m. | Room 343-345
David Young M.D., MBA

Professional Issues

Saturday, October 11

Problem-Based Learning Discussions | L001

A High Risk Patient for Low Risk Outpatient Surgery: Is There Value in a Surgical Home for a Patient Going Home?

7:15-8:30 a.m. | Room 343-345

Jeanna Blitz M.D.

Problem-Based Learning Discussions | L003

Creating a Culture of Professionalism in Your Department

7:15-8:30 a.m. | Room 343-345

Sandra Curry M.D.

Point-Counterpoint | PC01

Life in the Time of Consolidation: Is Bigger the New Better?

8-9:30 a.m. | Room 203-205

James Grant M.D.

A team of two physicians on either side, facilitated by a 5th physician serving as moderator, will argue the pros and cons of the consolidation trend in contemporary anesthesia practice. Audience participation will be encouraged. **Steven Hattamer M.D.**

CON Zachary Deutch M.D. CON Michael Simon M.D. PRO Michael Hicks M.D. PRO

90 Minute Panel | PN103

Quality and Safety Challenges: Raising the Bar on Overseas Surgical Care Trips

8-9:30 a.m. | Room 206-207

Richard Gillerman M.D., Ph.D.

Quality and Safety Related Policies and Procedures: Unique Requirements for Providing Safe Perioperative Care During Overseas Surgical Care Trips

The panel will present diverse topics to help the participant, learn strategies for ensuring quality and enhancing safety on various types of overseas surgical care trips; recognize those types of trips that may best achieve quality and safety goals or put them at risk; appreciate the value of measuring and reporting trip outcomes and its relationship to improving patient care; and identify specific policies and procedures likely to achieve quality and improve safety on overseas surgical care trips. **Mark Singleton M.D.**

Quality and Safety Considerations: Differences Between Direct Patient Care and Teaching Style Overseas Surgical Care Trips

Faye Evans M.D. Quality and Safety Risks and Benefits: Pros and Cons of Practicing Outside the ASA Guidelines During Overseas Surgical Care Trips Richard Dutton M.D., M.B.A. Quality and Safety Metrics: What We Need to Learn to Improve Care on Overseas Surgical Care Trips

90 Minute Panel | PN38

Change Management in Collaborative Quality Improvement Projects (CQIP)

8-9:30 a.m. | Room 220-222

Mike Schweitzer M.D., M.B.A.

Using Change Management in CQIP

Influence and drive change through the methodologies of Change management and Project Management. This panel will provide an overview of the Statewide Surgical Quality Collaboratives in place and in development with special emphasis on benefits to patients and physicians. Compare these CQIPs in terms of clinical effectiveness, outcome improvement, and financial benefits. We will describe how to collect patient outcome data and turn this into meaningful information to permit continuous assessment and improvement of the quality of care, identifying and sharing of Leading Practices, and prevent complications of care that can all result in savings. **David Mackey M.D. Successful Statewide Surgical Quality Collaboratives Robert Hsiung M.D. Change Data into Information for Comparative Effectiveness**

90 Minute Panel | PN39

Leading In: Women in Leadership Roles

8-9:30 a.m. | Room 225-227

Rekha Chandrabose M.D.

Organizing Women at the Local and National Levels

This panel will discuss the role of women in the field of anesthesiology. Using the expertise of its panelists, it will address the current statistics on women in anesthesiology, increasing the presence of women leaders in the field of anesthesiology and discuss methods to successfully address the issues facing women anesthesiologists. In addition, topics will include mentorship and access to leadership and business training. Information will be available regarding instituting a national organization for women in anesthesiology as well as support for local organizations. **Jane C.K. Fitch M.D. Leading and Advocating: Reflections As President of the American Society of Anesthesiologists and Chair of an Academic Anesthesiology Department Cynthia Wong M.D. The Status of Women in Anesthesiology: Identifying Opportunities for Leadership Elizabeth Rebello M.D. Mentoring Women in Anesthesiology: Organizing Women at the Local and National Levels**

Poster Presentations | P014-2

Patient Safety and Practice Management

8-10 a.m. | Hall B1-Area D

Seminar | 803

Mastering Perioperative Stress and Burnout: Exploring Methods of Essential Mind-Fitness, Developing Resilience at Work

8-11 a.m. | Room 281-282

Kenneth Sapire M.D.

Stress and Burnout in the Perioperative Period: Wellness at Work

This will be an opportunity for direct exposure to understanding and experiencing the Mindfitness techniques. Motivation: Stress and Burnout are more than buzzwords or journal topics. Our lives caring for patients and being compassionate can be complicated by multiple factors. Attention will be focused on illuminating the vital value and inter related nature of diverse contemplative and mind fitness practices and how these can influence our worldview, identity, values, ethics, and way of life. Essentially we will teach the art of wisdom and resilience at work. We will discuss the relationship of this practice and associated information to brain neuroplasticity and explore an integrative model that illuminates the dynamic synergy and interdependence of these different types of meditative and associated activities. **Joel Levey Ph.D. Wisdom at Work, Mindfitness and Contemplative Practice for This Day and Age Michelle Levey M.A. Mindfitness and Developing Resilience at Work for This Day and Age**

Problem-Based Learning Discussions | L013
Infection Prevention for the Anesthesia Professional: What is the Least I Should Know and How Do I Apply It to My Practice?
 9-10:15 a.m. | Room 343-345
 Richard Beers M.D.

Problem-Based Learning Discussions | L018
To Coerce or Not to Coerce: What Are the Questions?
 9-10:15 a.m. | Room 343-345
 Norma Klein M.D.

Problem-Based Learning Discussions | L033
Burned Out Anesthesiologist: Practice Competence and Colleagues
 12:30-1:45 p.m. | Room 343-345
 Sergey Pisklakov M.D.

Problem-Based Learning Discussions | L035
Anesthetic Options for Patients Undergoing Dialysis Access Procedures
 12:30-1:45 p.m. | Room 343-345
 Derek Woodrum M.D.

Oral Presentations | OR14-1
Patient Safety and Practice Management
 1-2:30 p.m. | Room 245

120 Minute Panel | PN03
Setting Up a Perioperative Surgical Home
 1-3 p.m. | Room 208-210
 Zeev Kain M.D., M.B.A.
Change Management and Dissemination of the PSH Concept
 This panel will provide an overview of the operational issues involved in setting up a perioperative surgical home. Addressed will be the perspectives of academic practice, private practice, large-group practice and a health care system. This newly developed perioperative model will emphasize physician-led, collaborative care of the surgical patient, with cost-effective involvement of non-physician practitioners, during all phases of the perioperative continuum. **Arthur Boudreaux M.D. An Academic Perspective**
Michael Simon M.D. A Large Group Perspective
Mark Schneider M.D. A Private Practice Perspective
Mike Schweitzer M.D., M.B.A. A Health System Perspectives

120 Minute Panel | PN05
Whose Guidelines and Practice Parameters Apply to Anesthesiologists?
 1-3 p.m. | Room 225-227
 John Butterworth IV, M.D.
Some Problems with Guidelines
 This panel will feature a description of best practices for guideline development and will illustrate how poorly constructed, conflicting guidelines can serve to confuse rather than guide good clinical practice. **Jeffrey Apfelbaum M.D. Best Practices: The ASA Guideline/Practice Parameter Process**
Terese Horlocker M.D. How Anesthesia Organizations Other Than ASA Prepare Guidelines
Martin London M.D. How Other Specialties Prepare Guidelines
Beverly Philip M.D. Nonphysician Groups and Their Guidelines and Their Processes
Gene Peterson M.D., Ph.D. Do Guidelines and Practice Parameters Improve Quality and Safety?

Poster Presentations | P011-1
History and Education:Challenges: Present and Future
 1-3 p.m. | Hall B1-Area C

Oral Presentations | OR11-1
History and Education: Novel Ways to Teach and Learn
 3-4:30 p.m. | Room 243

Problem-Based Learning Discussions | L047
Hold My Compass: Tools and Tips So That YOU Don't Get Lost in the EP Lab
 3:30-4:45 p.m. | Room 343-345
 Mark Weiss M.D.

90 Minute Panel | PN49
Governmental Influences Over Health Care: Lessons Learned From Working on Capitol Hill
 3:30-5 p.m. | Room 255-257
 Andrew Gettinger M.D.
The Stimulus Bill of 2010 - Far Reaching Impact on Medical Care Including Meaningful Use and HIPAA Privacy Rules
 Three anesthesiologists with experience working on Capitol Hill will provide insights into policies affecting anesthesiologists: cost/outcomes; meaningful use of HIPAA; pain and opioid legislation. **Michael Oleyar D.O. The War is Over but the Fight Continues: National and Local Efforts Against Prescription Opioid Abuse**
Catherine Scholl M.D. Healthcare Economics: An Anesthesiologists' Point of View

Sunday, October 12

Problem-Based Learning Discussions | L057
Burned Out Anesthesiologist: Practice Competence and Colleagues
 7:15-8:30 a.m. | Room 343-345
 Sergey Pisklakov M.D.

Problem-Based Learning Discussions | L058
The Impaired Anesthesiologist: More Than Just Drugs and Alcohol
 7:15-8:30 a.m. | Room 343-345
 Gregory Rose M.D.

Problem-Based Learning Discussions | L060
Anesthetic Options for Patients Undergoing Dialysis Access Procedures
 7:15-8:30 a.m. | Room 343-345
 Derek Woodrum M.D.

Oral Presentations | OR14-2
Patient Safety and Practice Management
 8-9:30 a.m. | Room 245

Problem-Based Learning Discussions | L071
Anesthesiologists and Terminal Live Organ Donation: You Want Me to Do What?
 9-10:15 a.m. | Room 343-345
 Richard Wolman M.D.

Problem-Based Learning Discussions | L119
My Patient With a DNR Order Arrested in the OR! Now What?
 9-10:15 a.m. | Room 343-345
 Juliann Hobbs, M.D., M.P.H.

Problem-Based Learning Discussions | L120
When the Patient Just Says No
 9-10:15 a.m. | Room 343-345
 Juliann Hobbs, M.D., M.P.H.

Refresher Course Lecture | 208**Decision Making Errors in Anesthesiology**

9:15-10:15 a.m. | Room E-1

Marjorie Stiegler M.D.

Medical errors are common despite expertise and skill. This course will explore the cognitive landscape in which our medical decisions are made, with an emphasis on patient safety. Decisions are subject to a variety of subconscious and nonrational processes, which may lead to mistakes made despite “knowing better.” Memory reconstruction error, bias, heuristic, loss aversion, preference, regret, and other hardwired phenomena contribute to this landscape, but fortunately, strategies for counterbalancing, prevention, and recovery exist. Up to 80% of medical errors are related to delayed or incorrect diagnosis. Utilization of checklists and other decision support may not work well if the algorithm is inappropriate, due to an incorrect working diagnosis. This important intersection is explored.

90 Minute Panel | PN56**Beating Back Burnout: Strategies for Career Longevity and Improved Patient Care**

10-11:30 a.m. | Room 220-222

Mary Ann Vann M.D.

This panel will provide a review of burnout and its impact on patient care and the health of the provider as evidenced in the literature. Strategies for improving physician well-being in a variety of practice environments will be highlighted as well as educational interventions aimed at fostering resiliency and preventing burnout at all stages. **Amy Vinson M.D. Why We Need to Talk about This** **Neil Farber M.D., Ph.D. Fostering Well-Being in a Busy Practice** **Haleh Saadat M.D. Educational Intervention - DO's and DON'Ts**

90 Minute Panel | PN57**Not All That Glitters is Gold- How Do I Judge Quality from My Experience as a Surgical Outpatient?**

10-11:30 a.m. | Room 225-227

Armin Schubert M.D.

The panel will assemble experts in the emerging interface between patient experience and clinical quality assessment. As patients are asked to bear increasing financial responsibilities, they are becoming more aware of quality and their proxy perception of the latter recommendations and questions for assessing patient experience will be discussed. This theme will be developed for outpatient sedation, regional anesthesia and the post-procedure period. The role of big data, such as the SCOR and NACOR databases will be discussed, especially in light of the emerging requirements for ambulatory facilities to report CG-CAPS data to Medicare. **Brian Parker M.D. What Is Quality Sedation- From Whose Perspective?** **William Sumrall III, M.D. Patient Experience: What Can Our Patients Tell Us?** **Gildasio De Oliveira M.D., M.Sc. How Do Patients Fare After Surgery at the ASC: Recovery and Beyond** **Lucinda Everett M.D. Benchmarking Quality and Patient Experience in Outpatient Anesthesia: Role of National Databases**

90 Minute Panel | PN59**Professionalism - An International Perspective**

10-11:30 a.m. | Room 255-257

Saundra Curry M.D.**Professionalism- Why Bother?**

Internationals will describe how professionalism is applied in their environments. This can help improve both global understanding of medical issues and enhance patient outcomes. **Sadek Beloucif M.D. Europe: From Dedication to Professionalism** **Mohamed Ben Ammar M.D. Africa - Why Hasn't My Continent Embraced This Concept?** **Eiichi Inada M.D. Wandering Japanese Anesthesiologists**

Poster Presentations | P014-1**Patient Safety and Practice Management**

10 a.m.-12 p.m. | Hall B1-Area B

Problem-Based Learning Discussions | L073**Do You Want to Present a PBLD at the 2015 ASA Meeting? This PBLD Session Could Help You**

12:30-1:45 p.m. | Room 343-345

Sanjay Bhananker M.B., B.S.**Problem-Based Learning Discussions | L077****To Coerce or Not to Coerce: What Are the Questions?**

12:30-1:45 p.m. | Room 343-345

Norma Klein M.D.**Problem-Based Learning Discussions | L083****Hold My Compass: Tools and Tips So That YOU Don't Get Lost in the EP Lab**

12:30-1:45 p.m. | Room 343-345

Mark Weiss M.D.**120 Minute Panel | PN09****Patients Do the Darnedest Things: Tales From the Anesthesia Incident Reporting System**

12:30-2:30 p.m. | Room 211-213

Richard Dutton M.D., M.B.A.

This panel will be led by the Director of the Anesthesia Quality Institute, and will consist of a series of clinical vignettes abstracted from the Anesthesia Incident Reporting System. Each case presentation will be followed by panelist commentary based on two themes: how the event illustrates patterns and biases in human cognition; and how to turn such an event into positive improvements in anesthesia practice. Systems-based thinking about adverse events (as opposed to individual blame and shame) will be emphasized. I expect the audience to learn both from the events themselves (which will be selected to illustrate current knowledge gaps about emerging threats) as well as from the discussion about how to think about them. My panelists are well-published experts in this field, and skilled and popular presenters. This panel will also lend itself well to use of an Audience Response System, if available. **Marjorie Stiegler M.D. Human Cognition during Complex Decision Making** **Avery Tung M.D., F.C.C.M. How to Turn Incidents into Action**

Refresher Course Lecture | 128**Human Errors in Medicine: What They Should Mean to Patients, Providers, and the Public**

1:30-2:30 p.m. | E-2

Robert Lagasse M.D.

This Refresher Course Lecture will provide an overview of human errors by anesthesia providers and their contribution to perioperative morbidity and mortality. Participants will be familiarized with a structured review process and the pitfalls of applying such a process to judging clinical competence in accord with regulatory requirements. Methods for dealing with victims will also be discussed, including disclosure to patients, and providing coping mechanisms for providers as second victims.

Poster Discussions | PD11-1**History and Education: Pioneers of Anesthesia**

1-2:30 p.m. | Room 244

Poster Presentations | P011-2**History and Education: Evaluation: Strategies and Resources**

1-3 p.m. | Hall B1-Area D

Refresher Course Lecture | 228**Building a Quality Management System for Meaningful Use**

1:45-2:45 p.m. | La Nouvelle Ballroom AB

John Allyn M.D.

The learner will understand the key principles that should guide the construction and management of an effective QMS. Specifically, how to keep the department's QMS separate from provider privileging will be discussed. Resources presently available to assist with this work will be discussed. Finally, examples, management of the interface with AQL, and future directions will be discussed.

Problem-Based Learning Discussions | L059**When the Patient Just Says No**

3:30-4:45 p.m. | Room 343-345

Sarah Smith M.D.**Problem-Based Learning Discussions | L085****A High Risk Patient for Low Risk Outpatient Surgery: Is There Value in a Surgical Home for a Patient Going Home?**

3:30-4:45 p.m. | Room 343-345

Jeanna Blitz M.D.**90 Minute Panel | PN64****Limits of Care: Ethical Issues in the Current Technological Environment**

3:30-5 p.m. | Room 228-230

Paul Barash M.D.

Limits of Care: Ethical Issues in the Current Technological Environment (Joint Cardiac, Pediatric, and Obstetric Panel) [Economic issues are implied] **Robert Sladen M.B., Ch.B., FCCM** **Limits of Care in Heart Failure and Transplantation** **Lisa Leffert M.D.** **Mother or Baby? A Choice** **Amy Mesa-Jonassen M.D.** **Limits of Care with Congenital Anomalies**

Refresher Course Lecture | 237**Mythbusters Episode: Economic Issues of Anesthesia Care**

4:15-5:15 p.m. | Room E-2

Amr Abouleish M.D, M.B.A.

This lecture will discuss in detail four common myths about the economics of anesthesia care: 1. Focusing on turnover time will improve OR throughput; 2. Because anesthesia revenue includes time, anesthesia providers prefer longer surgeries; 3. Going from physician-only staffing to medical direction staffing will reduce staffing costs; 4. Using per provider (aka FTE) measurements allow for accurate benchmarking of productivity.

Monday, October 13**Subspecialty Panels | 607****(SEA) Technology Today: Testing, Training and Learning**

7-8:15 a.m. | Room 238-239

Ira Todd Cohen M.D., M.Ed.**It's a Brave New World**

Technological advancements and their effect on medical education and physician evaluation will be discussed by a panel of experts.

Christine Park M.D. Simulation: From Mannequins to MOCA®**Annette Mizuguchi M.D., Ph.D. Web 2.0: The Virtual Learning (and Exam) Environment****Nina Deutsch M.D. Platforms: Launching Pads for Exploration****Problem-Based Learning Discussions | L100****Giving Feedback: How to Support the Defensive Learner**

7:15-8:30 a.m. | Room 343-345

Yulia Ivashkov M.D.**Refresher Course Lecture | 304****Tired of Not Being Taken Seriously? How Professionalism Affects You**

8-9 a.m. | Room E-3

Saundra Curry M.D.

Issues in professionalism occur daily but are often ignored. This lecture will highlight how professionalism affects everything we do and how lapses may harm our patients and our own physical and mental health.

120 Minute Panel | PN23**Embracing Quality Improvement: Key Steps You Can Take Today to Improve Yourself, Your Department and Your Hospital**

8-10 a.m. | Room 255-257

David Zvara M.D.

The approach to Quality Improvement (QI) can either be Individual-directed or Systems-directed. This session will focus on these two approaches of QI as they pertain to a healthcare system as well as to the routine practice of Anesthesiology. Aligning patient care and quality improvement across a healthcare system will be addressed. The process of developing a quality improvement program in a Department of Anesthesiology will be highlighted. Additionally, the aspects of incorporating QI into residency training will be discussed. Lastly, Practice Performance Assessment and Improvement (PPAI) program, which is now a component of Maintenance of Certification in Anesthesiology (MOCA), will be addressed. **Armin Schubert M.D., M.B.A. Aligning Patient Care and Quality Improvement in Your Hospital** **John Allyn M.D. Developing a Quality Improvement Program in a Department of Anesthesiology** **Harendra Arora M.B., B.S. Quality Improvement As a Key Component of the Residency Training: How to Train the Next Generation?** **Matthew McEvoy M.D. Practice Performance Assessment and Improvement As a Component of MOCA. What Data Should I Collect? Where Do I Begin?**

Poster Presentations | P011-3**History and Education: How Far We Have Come**

8-10 a.m. | Hall B1-Area D

Poster Presentations | P014-5**Patient Safety and Practice Management**

8-10 a.m. | Hall B1-Area A

Refresher Course Lecture | 307**Ethics in the Real World**

9:15-10:15 a.m. | RiverGate

Jeffrey Jacobs, M.D.**Poster Presentations | P014-3****Patient Safety and Practice Management**

10 a.m.-12 p.m. | Hall B1-Area C

Refresher Course Lecture | 312**Chemical Dependency and Anesthesiology**

12:30-1:30 p.m. | RiverGate

John Tetzlaff M.D.

This refresher course will discuss the history of addiction to anesthesia drugs by anesthesia providers, describe the incidence, chemical and molecular mechanisms, causes, and strategies for detection and prevention. It will discuss the most current data about the preferred drugs of abuse for anesthesia providers, as well as strategies for electronic auditing to detect diversion. This risks to patients and other providers associated with drug diversion will be presented. The final topic discussed will be prevention, which will include the positives and negatives for random and "for cause" urine toxicology. The limits of random testing will be identified.

Problem-Based Learning Discussions | L103

How to Create and Moderate a Great Problem-Based Learning Discussion (PBLD)

12:30-1:45 p.m. | Room 343-345

Kirk Lalwani M.D., F.R.C.A

Problem-Based Learning Discussions | L124

Do You Want to Present a PBLD at the 2015 ASA Meeting? This PBLD Session Could Help You

12:30-1:45 p.m. | Room 343-345

Sanjay Bhananker M.B., B.S.

Problem-Based Learning Discussions | L126

How Not to End Up on the Nightly News: Safe Injection Practices

12:30-1:45 p.m. | Room 343-345

Vilma Joseph M.D.

Problem-Based Learning Discussions | L134

Anesthesiologists and Terminal Live Organ Donation: You Want Me to Do What?

12:30-1:45 p.m. | Room 343-345

Richard Wolman M.D.

120 Minute Panel | PN24

Milestones: Setting a High Bar or Barely Clearing the Hurdle?

12:30-2:30 p.m. | Room 203-205

Randall Schell M.D., M.Ed.

This panel will give a brief review of the Milestones and the ACGME NAS as well as the reasons behind the implementation of this new system. The challenges of using the Milestones for assessment will be discussed. This will be followed by a detailed presentation of how to consider the upper and lower bounds of learner assessment in the Milestones system. Finally, how this system can or will relate to the goal of training perioperative physicians will be presented. **Glenn Woodworth M.D. Reasons for the Milestone System and Challenges with Using the Milestones as Metrics Susan Martinelli M.D. A Tale of Two Limits: Upper and Lower Bounds of Assessment in the Milestones and NAS Matthew McEvoy M.D. A Way Forward: Toward the Goal of Excellent Perioperative Physicians**

Oral Presentations | OR11-2

History and Education: How Do We Know What We Teach

1-2:30 p.m. | Room 245

Oral Presentations | OR14-3

Patient Safety and Practice Management

1-2:30 p.m. | Room 243

Seminar | 829

Physician Performance Assessment and Improvement: Practice Its Power for Your Own Practice

1-4 p.m. | Room 356-357

Leslie Jameson M.D.

How to Apply the Physician Performance Assessment and Improvement Model to Your Practice

Few clinicians have experience in personally developing activities that assess, educate, and then reassess to achieve improvement in a patient's medical care. The major hurdle to change is realizing what clinical actions and processes to evaluate in preparation for altering daily practices. Under the tutelage of the PPAI Editorial Board, workshop participants will select a topic, plan a chart review, develop an educational program, then select ways to execute practice changes. Large group instruction provides the tools for small groups to practice each step. After each brainstorming segment, groups will share their ideas and plans. The goal is to provide tools to achieve consistent best practices. A brief real life example will show application of the PPAI model to MOC quality projects, and privileging process. **Dawn Dillman M.D. Applying PPAI Mohammed Minhaj M.D. Applying PPAI Francine Yudkowitz M.D. Using PPAI**

Clinical Forum | CF11

What Should You Do When You Don't Think the Patient Should Have Surgery at All?

3-4:30 p.m. | Room 206-207

Nancy Glass M.D., M.B.A.

When and How to Engage an Ethics Committee

The purpose of this case-based session is to offer anesthesiologists a framework for approaching patients in whom the medical and surgical goals may be unclear. Challenging cases like these may cause significant distress to patients, families and physicians, and may lead to difficult therapeutic relationships and inter-professional tension if they are poorly handled. Increasingly, anesthesiologists are called upon to navigate these delicate situations, taking into account the beliefs and knowledge of all parties involved. We will use the cases described below to frame the ethical and medical issues, commonly seen in both adult and pediatric anesthesia. **David Waisel M.D. Hospice Patients in the Operating Room Stephen Hays M.D. Assessing Whether a Surgery Is Appropriate for Patient and Family Goals Douglas Coursin M.D. Very Ill Adult Patients: Deciding Whether to Proceed With Surgery**

Problem-Based Learning Discussions | L138

Infection Prevention for the Anesthesia Professional: What is the Least I Should Know and How Do I Apply It to My Practice?

3:30-4:45 p.m. | Room 343-345

Richard Beers M.D.

Problem-Based Learning Discussions | L139

Creating a Culture of Professionalism in Your Department

3:30-4:45 p.m. | Room 343-345

Sandra Curry M.D.

Problem-Based Learning Discussions | L144

He's 15, Needs This Operation and He's DNR!

3:30-4:45 p.m. | Room 343-345

David Mann M.D.

90 Minute Panel | PN79

Physician Impairment: Incidence, Identification, and Intervention
3:30-5 p.m. | Room 252-254

Keith Berge M.D.

Many conditions including substance abuse, mental illness, physical disease, and consequences of aging often prevent an anesthetist from optimally performing their critical duties and maintaining the ASA core of vigilance and patient protection. Care providers are often reluctant to seek treatment they need due to perceived professional and social consequences. Physicians are reluctant to report even significantly impaired colleagues. Physicians should comprehend the various types and presentation of impairment including the consequences of these conditions if left untreated. A consistent, planned, and well executed intervention may encourage a colleague to seek further help, avoid professional embarrassment, and maintain professional trust.

Ethan Bryson M.D. Impairment, Incompetency, and Distraction in Anesthesia Providers John Tetzlaff M.D. Identification of the Impaired Care Provider Michael Fitzsimons M.D. Professional Intervention: Facing the Facts

Refresher Course Lecture | 332

Advanced Teaching Skills for the Fast-Paced OR: How to Successfully Educate When Faced With High Clinical Workload, Lack of Protected Time, and Limited Funding?

4:15-5:15 p.m. | Room E-2

Marek Brzezinski M.D., Ph.D.

This refresher course lecture will provide an overview of the current and relevant teaching theories, review potential obstacles and limitations to teaching in the perioperative period, and provide simple approaches to optimize the rotation curriculum as well as effective techniques to improve teaching, while not compromising quality of care. Teaching in the fast-paced, high-pressure environment of the OR and ICU can be very demanding. High clinical workload, lack of protected time, and limited funding represent 3 major and established obstacles to education. The introduction of competencies and milestones has added yet another challenging layer of increased pressure on and residency program leadership to teach, evaluate, assess, and document American College of Graduate Medical Education (ACGME) competencies and milestones in the OR and ICU. All these factors are unlikely to change in the near future; thus, the anesthesiologist must learn teaching strategies that are time-efficient, simple, and successful. Such advanced skills to teach and assess learners will become increasingly important in the ICU as medical education continues the transition from a time- and process-based system to a competency-based framework.

Refresher Course Lecture | 335

The Art and Science of Disclosing Unanticipated Outcomes to Patients: An Anesthesiologist's Perspective

4:15-5:15 p.m. | La Nouvelle Ballroom AB

Allen Gustin M.D.

This refresher course will outline the definitions associated with disclosure (medical error, adverse event, unanticipated outcome, and medical error), will name several disclosure advocacy groups (to provide resources to physicians), will list some of the leaders in disclosure as examples of healthcare cultures where disclosure is encouraged, will discuss the elements of an effective disclosure conversation, will discuss the barrier/facilitators related to a physicians willingness to disclose unanticipated outcomes, discuss ways in which barriers can be overcome, discuss the apology and disclosure laws, and will discuss how disclosure/apologies laws influence the willingness of a physician to disclose an unanticipated outcome.

Tuesday, October 14

Problem-Based Learning Discussions | L155

My Patient With a DNR Order Arrested in the OR! Now What?!

7:15-8:30 a.m. | Room 343-345

Juliann Hobbs M.D., M.P.H.

Refresher Course Lecture | 401

Compensation for Service - When the Revenues Don't Support the Expectations

8-9 a.m. | RiverGate

Asa Lockhart M.D., M.B.A.

This lecture provides strategies when the practice revenues do not support the expected level of services. The goal is to develop a story that defines the underlying issues, develop a fair market value budget, and identify quantifiable performance metrics to align incentives.

Point-Counterpoint | PC15

Anesthesia Information Management Systems Should Be the Standard of Care for All Patients Receiving an Anesthetic

8-9:30 a.m. | Room 211-213

Joseph Szokol M.D., J.D, M.B.A.

The attendee will gain insight into how Anesthesia Information Management Systems are vital to safe and effective patient care while at the time being able to critically assess some of the pitfalls associated with electronic medical records. **Wilton Levine M.D. PRO: Anesthesia Information Management Systems Should Be the Standard of Care for Every Patient Presenting for Surgery Mark Deshur M.D., MBA CON: Anesthesia Information Management Systems Are Not yet Robust or Reliable Enough to Be Considered Standard of Care**

90 Minute Panel | PN85

What Is the Role of the Anesthesiologist Asked to Participate in a Procedure He/She Believes Will Not Benefit the Patient?

8-9:30 a.m. | Room 228-230

Nicholas Sadovnikoff M.D., F.C.C.M.

Ethical Obligations of the Anesthesiologist in High Risk/Low Benefit Procedures

A 97-year-old patient with multiple comorbidities presents with bilateral femur fractures after a fall. You are asked to provide anesthesia for bilateral femur repairs. You do not expect the patient to benefit from the surgery - what are your obligations?

Rebecca Aslakson M.D., Ph.D. Ethical Obligations of the Anesthesiologist in High Risk/Low Benefit Procedure Michael Nurok M.B., Ch.B., Ph.D. Ethical Obligations of the Anesthesiologist in High Risk/Low Benefit Procedure

90 Minute Panel | PN86

Professionalism - Who Needs It? Why Professionalism Matters No Matter Where You Work

8-9:30 a.m. | Room 252-254

Sandra Curry M.D.

The Big Picture

The panelists will discuss professionalism and its effects from three differing perspectives of typical anesthesiologists - academic, private practitioner and researcher. **James West M.D., M.A. Professionalism in Academics - The Standard? Richard Wolman M.D., M.A. Professionalism in Research - Is It Necessary? Richard Kelly M.D. Is Professionalism in Private Practice an Oxymoron?**

Poster Presentations | P014-4

Patient Safety and Practice Management

8-10 a.m. | Hall B1-Area B

Problem-Based Learning Discussions | L170**The Impaired Anesthesiologist: More Than Just Drugs and Alcohol**

9-10:15 a.m. | Room 343-345

Gregory Rose M.D.

Refresher Course Lecture | 412**Safety and Human Factors in Anesthetic Practice**

9:15-10:15 a.m. | La Nouvelle Ballroom AB

Keith Ruskin M.D.

The operating room is a complex and fast-paced environment in which even seemingly insignificant events can be life-threatening. This refresher course lecture will discuss the basics of patient safety and how to reduce the risk of medical errors. Topics to be discussed include human factors, the accident chain, hazardous attitudes, situational awareness, and risk management. The presentation will also include suggested changes to anesthetic practice that may help to improve patient safety.

Clinical Forum | CF13**Controversial Cases in Organ Donation and End-of-Life Care:****Terminal Live Organ Donation and the Sale of Human Organs**

10-11:30 a.m. | Room 206-207

Richard Wolman M.D., M.A.

The Altruistic System of Organ Donation Has Failed; Terminal Live Organ Donation and the Sale of Human Organs Are Ethical If Managed Correctly

Two complex cases involving end-of-life wishes and care and organ donation are presented. The first involves a request for terminal live organ donation. The second involves the sale of human organs. Ethical, legal, and practical issues to be discussed include autonomy, beneficence, nonmaleficence, justice, DNR requests, withdrawal of non-beneficial life sustaining medical therapies, organ donation after brain and cardiac death, and terminal live organ donation. This session will further describe and debate the ethical, legal, and practical issues associated with the current altruistic system of organ donation, non-financial alternatives, and market (sale of human organs) alternatives to organ donation. The ramifications of the participation of anesthesiologists in cases involving these two controversial issues will be discussed. Active participation of the audience with the discussants is encouraged.

James West M.D., M.A. Patient and Physician Autonomy, DNR, and Other End-of-Life Issues Michael Souter M.B., Ch.B., FRCA Ethical Issues in Organ Procurement, the OPO's Point of View, Payment for Organs Gail Van Norman M.D. Euthanasia and Organ Donation; Terminal Live Organ Donation and the Sale of Human Organs Are Wrong

90 Minute Panel | PN89**Clean Versus Green: Are Optimized Patient Care and Community Health/Safety Initiatives Mutually Exclusive?**

10-11:30 a.m. | Room 225-227

Brian Rothman M.D.

Clean Environment - Green Materials Conservation and Disposal

This panel addresses current trends, techniques, and technologies to deliver both clean care and operate green facilities. Addressed are effective patient preparation and contamination minimization, facility practices that benefit both the patient and the environment, and finally, the conservation of materials to minimize waste and disposal practices that have the least environmental impact.

Harriet Hopf M.D. Clean Patients - Effective Preparation and Contamination Minimization Charlotte Bell M.D. Clean Facilities - Green HVAC and Other Facility Practices Brian Rothman M.D. Clean Environment - Green Materials Conservation and Disposal

Refresher Course Lecture | 413**Mindfulness in Anesthesia: A Safety and Satisfaction Initiative**

11:45 a.m.-12:45 p.m. | RiverGate

Neil Farber M.D., Ph.D.

The perioperative environment is mentally and physically challenging. Anesthesiologists are continuously faced with stressors, distractions, multi-tasking, and fatigue. This session provides an overview of the concept of mindfulness and explores evidence-based neurobiological and cognitive findings regarding its benefits for stress reduction, safety, and satisfaction. This professional competency will be approached from a broad perspective while providing practical tools for integrating mindfulness into both the perioperative arena and your personal life. This session will also incorporate guided activities such that participants will be able to actually experience various aspects of mindfulness.

Problem-Based Learning Discussions | L178**How to Create and Moderate a Great Problem-Based Learning Discussion (PBLD)**

12:30-1:45 p.m. | Room 343-345

Kirk Lalwani M.D., F.R.C.A

Problem-Based Learning Discussions | L181**He's 15, Needs This Operation and He's DNR!**

12:30-1:45 p.m. | Room 343-345

David Mann M.D.

Refresher Course Lecture | 419**Five Years of the AQI: What Do We Know About Ourselves Now?**

1-2 p.m. | RiverGate

Richard Dutton M.D., M.B.A.

This refresher course lecture will briefly summarize the history and infrastructure of the AQI, an important ASA investment. A top-level summary of data from NACOR, AIRS and the Closed Claim Project will be provided, to illustrate the current state of anesthesia in the United States; this summary will include benchmarks for anesthesiologists (age, sex, time in practice) business performance (practice size, case number, duration, etc.) and quality outcomes (rates of major and minor complications) and will include trends over the 5 years of the AQI's existence. The last part of the talk will be devoted to current and future activities of the AQI, including enhanced collection and reporting of outcome measures; development of standards for assessing patient experience; linkage to other registries and data sources; automated collection of clinical outcomes; and the role of the AQI in meeting federal regulatory standards for performance measurement in anesthesiology.

Refresher Course Lecture | 423**Do the Right Thing: Resolving Ethical Dilemmas in the OR**

1-2 p.m. | Room 260-262

Sarah Smith M.D.

Two cases will be presented during this refresher course lecture which highlight several topics in bioethics relevant to the anesthesia practitioner, including medical decision making capacity, patient autonomy, and the appropriate use of surrogate decision makers. A practical approach to resolving ethical dilemmas in the clinical arena based on accepted bioethical principles will be presented. The history of bioethics within the field of anesthesiology will also be reviewed.

Point-Counterpoint | PC19**Simulation in Medical Education: Boon or Boondoggle?**

1-2:30 p.m. | Room 211-213

Amanda Burden M.D.**Simulation Is a Boon for Patient Safety and Medical Education**

Simulation-based medical education emerged from anesthesiologists' efforts to improve patient safety. Interest in this technology and method of education has expanded as evidenced by its adoption into many medical disciplines and healthcare professions and by the ACGME requirements to include more simulation in residency curricula. It is a popular and interactive teaching method that allows students to learn from errors without harming patients. The question remains: What evidence justifies the dramatic increase in simulation in medical education?

Considering the cost of facilities, equipment and personnel required to run a simulation program, there are those who believe that simulation-based training should be mandated only when there is definitive proof that its use leads to improved patient outcomes or decreased costs for care. This session will be highly interactive and will include discussion of specific scenarios and strategies for the use and evidence for simulation. The session will use an audience response system to stimulate participation. Ample time for questions and discussion will be provided. **Edwin Bowe M.D. CON: Simulation Is Fun, but Where Is the Beef?**

David Gaba M.D. PRO: Simulation Point Counterpoint Moderator**120 Minute Panel | PN26****The Economics of the Perioperative Surgical Home; We Know Where We Are and Where We Want to Go, But How Do We Get There?**

1-3 p.m. | Room 208-210

Peter Dunbar M.B.,Ch.B., M.B.A

The speakers will present a detailed summary of the economic drivers that have allowed the PSH to emerge as the ASA's preferred future model of anesthesia care. s will present the views of government and major employers regarding the current economic situation and why the status quo is unsustainable. Discussion will allow participants to ask questions of the panelists that will be answered from a perspective of people who really pay the bills. **Stanley Stead M.D. MBA Economics of Surgical/Interventional Care Today and Anesthesiology: Choices for the Future Jeff Thompson M.D. What the Employers Expect to Buy with Their Money for Their Employees' Interventional Care Marc Leib M.D. How State and Local Government Agencies Think about Payment for Sugical/Interventional Care**

120 Minute Panel | PN29**Everything You Need to Know About Lawsuits, But Didn't Know Whom to Ask**

1-3 p.m. | Room 228-230

Aparna Ananth M.D.**Risk Management**

Panel discussion with who are anesthesiologists with expertise in Professional Liability and a defense attorney to provide multi-dimensional viewpoints and information. **Colleen O'Leary Current Climate of Liability in Anesthesiology Amy Forbis J.D. Lawsuits, Defensibility and Your Role as Defendant Amy Forbis J.D. Conflicts Between Your Malpractice Insurance Policy and Your Personal Interest**

Refresher Course Lecture | 425**Improving Patient Safety and Communication During Anesthesia and Surgery**

2:15-4:15 p.m. | RiverGate

Richard Cook M.D.**Why Is It so Hard to Make Progress on Patient Safety?**

This two-hour Refresher Course will include 3 talks describing methods to improve safety and communication in anesthesia and surgery, as well as safety and communication lessons from the Closed Claims Project. A question and answer session will follow the formal presentations. This RC is a patient safety session and we recommend it for MOCA. **Cor Kalkman M.D., Ph.D. Improving Perioperative Safety Timothy McDonald M.D. Communicate Openly - Resolve Early**

Problem-Based Learning Discussions | L190**Giving Feedback: How to Support the Defensive Learner**

3:30-4:45 p.m. | Room 343-345

Yulia Ivashkov M.D.**Problem-Based Learning Discussions | L191****How Not to End Up on the Nightly News: Safe Injection Practices**

3:30-4:45 p.m. | Room 343-345

Vilma Joseph M.D.**90 Minute Panel | PN95****Responding to Human Errors: The Good, the Bad, and the Ugly**

3:30-5 p.m. | Room 225-227

Robert Lagasse M.D.**Peer Review: Protecting the Victims**

This panel will compare and contrast the review processes for accidents and near misses in the aviation industry with those of the medical industry. A structured peer review process will be demonstrated and the limitations of applying causal factor analysis to performance improvement and competency assessments will be discussed. The legal implications of human errors contributing to adverse perioperative events will be presented along with strategies for minimizing litigation risk. **Keith Ruskin M.D. Lessons Learned from the Federal Aviation Administration Judith Semo J.D. The Medicolegal Response: Protecting Yourself**

Wednesday, October 15**Oral Presentations | OR14-4****Patient Safety and Practice Management**

8-9:30 a.m. | Room 244

120 Minute Panel | PN35**Grading the Graders - How Do We Get to Better Performance Measures?**

8-10 a.m. | Room 252-254

Laurent Glance M.D.**Do Quality Measures Really Measure Quality?**

This panel will provide an overview of performance measurement, and will describe the strengths and limitations of process and outcomes measures. Topics will include the regulatory emphasis on outcome measurement and value-based purchasing, the ability of quality measures to truly capture quality, and the use of physician-specific vs. team-based performance measurement. Discussion will also include consideration of future directions in performance measurement. **Lee Fleisher M.D. Why Are Process Measures Fading into the Night? Laurent Glance M.D. Do Quality Measures Really Measure Quality? Peggy Duke M.D. Attribution of Outcomes: Whose Outcomes Are They Anyway? It's All about the Team! Richard Dutton M.D., M.B.A. What the Future of Performance Metrics Might Look Like**

Regional Anesthesia and Acute Pain

Saturday, October 11

Subspecialty Panel | 608

(ASRA) In-Hospital Falls: What Causes Them and How We Can Prevent Them

7-8:15 a.m. | Room 243

Sandra Kopp, M.D., M.P.H., Linda Le-Wendling, M.D., F. Kayer Enneking, M.D.

Problem-Based Learning Discussions | L006

Numb and Number: Should We Use Regional Anesthesia in Orthopedic Trauma?

7:15-8:30 a.m. | Room 343-345

Nabil Elkassabany M.D.

Problem-Based Learning Discussions | L008

Nerve Injury/Dysfunction and Peripheral Nerve Blockade: Fact or Fiction

7:15-8:30 a.m. | Room 343-345

Thomas Halaszynski M.D., MBA

120 Minute Panel | PN01

Integrating Regional Anesthesia Into the Perioperative Surgical Home

8-10 a.m. | Room 217-219

James Hebl M.D.

The Value of Regional Anesthesia in Perioperative Care: Orthopedics, Colorectal Surgery, Cancer Recurrence, Chronic Pain and More!

This panel will explore how the practice of regional anesthesia and acute pain medicine may be integrated into the Perioperative Surgical Home concept. Specifically, the value of regional anesthesia on perioperative outcomes, the role of clinical pathways in future models of healthcare, and the impact of the Patient Protection and Affordable Care Act on the practice of regional anesthesia and acute pain medicine will be discussed.

Arthur Boudreaux M.D. The Perioperative Surgical Home Concept: An Overview F. Kayser Enneking M.D. The Role of Clinical Pathways in Future Models of Healthcare Richard Rosenquist M.D.

Regional Anesthesia and Acute Pain Medicine in the Era of the Patient Protection and Affordable Care Act

Hands-on Workshop | 807A

Ultrasound-Guided Regional Anesthesia and Clinical Skills Workshop: Introduction to UGRA for Beginners

8-11 a.m. | Room 346-347

807B | 1-4 p.m. | Room 346-347

Adam Jacob M.D.

The workshop will be formatted to specifically cater to inexperienced ultrasound users. The experience will take place for participants rotating through 5 interactive stations (approximately 30 minutes per station). Stations will include a combination of ultrasound-guided upper and lower extremity and truncal blockade techniques as well as a clinical skills station for needle practice on simulated neural targets. **Kyle Ahn M.D. Adam Amundson M.D. Gregory Applegate D.O. Ryan Derby M.D., M.P.H. Clint Elliott M.D. Ryan Endersby M.D. Natasha Funck M.D. Neil Hanson M.D. Rebecca Johnson M.D. Tae-Wu Kim M.D. Kyle Kirkham M.D., FRCPC Jason McVicar M.D. Jason Panchamia D.O. Christopher Robards M.D. Jose Soberon M.D. Hans Sviggum M.D. Patrick Wong M.D.**

Problem-Based Learning Discussions | L015

Nerve Injury After Peripheral Nerve Blockade: Best Practices and Medical-Legal Protection Strategies

9-10:15 a.m. | Room 343-345

H. David Hardman M.D., MBA

Problem-Based Learning Discussions | L023

Analgesic Options for a 68-Year-Old Man With Multiple Rib Fractures

9-10:15 a.m. | Room 343-345

Kristopher Schroeder M.D., Mark Leibel, M.D.

Refresher Course Lecture | 110

Upper Extremity Regional Anesthesia: Essentials for Your Practice

9:15-10:15 a.m. | Room E-3

Joseph Neal M.D.

This lecture reviews the evidence base pertaining to upper extremity regional anesthesia. Key topics include: outcomes, techniques that optimize success, drug selection, and complications.

Poster Presentations | P016-1

Regional Anesthesia and Acute Pain

10 a.m.-12 p.m. | Hall B1-Area E

Poster Presentations | P016-4

Regional Anesthesia and Acute Pain

1-3 p.m. | Hall B1-Area E

Refresher Course Lecture | 117

Making Regional Anesthesia Work in the Real World

2:45-3:45 p.m. | Room E-1

Francis Salinas M.D.

The lecture will review data that support increased use of regional techniques and development of improved techniques and team strategies to enhance application of regional, with specific discussions of newer approaches to post-operative pain management for major in- and outpatient orthopedic procedures.

Poster Discussions | PD16-1

Regional Anesthesia and Acute Pain

3-4:30 p.m. | Room 245

Problem-Based Learning Discussions | L037

Postoperative Ulnar Neuropathy - Could I Have Done Something to Prevent It?

3:30-4:45 p.m. | Room 343-345

Sanjay Bhananker M.B., B.S.

Point-Counterpoint | PC05**Ultrasound-Guided Regional Anesthesia—Pushing the Limits or Over the Edge**

3:30-5 p.m. | Room 211-213

Meg Rosenblatt M.D.**CON: Over the Edge**

One will describe the cutting-edge uses for ultrasound in the performance of regional anesthesia and advantages for patient care. The other will challenge these newer options by evaluating the evidence for their implementation. **Anahi Perlas M.D. PRO: Pushing the Boundaries**

90 Minute Panel | PN48**Regional Anesthesia in Children: What Have We Learned From Large Prospective Databases?**

3:30-5 p.m. | Room 252-254

Santhanam Suresh M.D.

This panel will discuss the formation of large registries that help navigate the world of regional anesthesia in children. **Benjamin Walker M.D. Pediatric Regional Anesthesia Network (PRAN), the USA Based Network Giorgio Ivani M.D. European Consortium: Have We Reached a Consensus? Manoj Karmakar M.B.,B.S. Asian Databases: The Need for Accuracy**

Refresher Course Lecture | 126**Regional Anesthesia to Improve Long Term Outcomes After Surgery**

4-5 p.m. | Room 260-262

Michael Andreae M.D., M.S.

To convince our surgical partners of the benefits of regional anesthesia we have to show improved outcomes beyond the immediate perioperative period. Based on two systematic reviews and meta-analyses, we will critically evaluate the evidence suggesting meaningful long term benefits of regional anesthesia. We will discuss randomized controlled trials on regional anesthesia for the prevention of chronic pain after surgery and trials on regional anesthesia for improved long term functional outcomes after major joint surgery. We will outline the process and limitations of systematic reviews and pinpoint some typical methodological shortcomings of RCTs such as assisting the participants to better appraise the pertinent literature.

Sunday, October 12**Problem-Based Learning Discussions | L050****Perioperative Management of the Patient on Anticoagulant Therapy: A Fresh Look at an Old Problem**

7:15-8:30 a.m. | Room 343-345

Richard Beers M.D.**Problem-Based Learning Discussions | L053****Antifibrinolytic Use in Major Orthopedic Procedures: What's the Bloody Controversy?**

7:15-8:30 a.m. | Room 343-345

Yan Lai M.D., M.P.H.**Problem-Based Learning Discussions | L066****Nerve Injury/Dysfunction and Peripheral Nerve Blockade: Fact or Fiction**

9-10:15 a.m. | Room 343-345

Thomas Halaszynski M.D., MBA**90 Minute Panel | PN58****Nerve Injury Following Regional Anesthesia**

10 a.m.-11:30 a.m. | Room 228-230

Vincent Chan M.D.**What Has Ultrasound Taught Us?**

This panel will examine the major etiology of nerve injury related to regional anesthesia (needle placement and local anesthetic injection) and surgery, appropriate investigations to determine the diagnosis and prognosis, discuss medico-legal implications and develop techniques to reduce the frequency, severity, and impact of these complications. **Jeff Gadsden M.D., FANZCA Perineural, Epineural or Intraneural Injections: Definition and Risk of Nerve Injury Alain Borgeat M.D. Assessment of Post Block Neurologic Injury Susan Penney J.D. Medico-Legal Implications of Nerve Injury**

Poster Presentations | P016-2**Regional Anesthesia and Acute Pain: Ultrasound Guided RA**

10 a.m.-12 p.m. | Hall B1-Area A

Refresher Course Lecture | 222**Hemorrhagic and Infectious Complications of Neuraxial Anesthesia**

12:30-1:30 p.m. | La Nouvelle Ballroom AB

Terese Horlocker M.D.

This refresher course lecture will present the updated recommendations of the ASRA practice advisories on Infectious Complications of Neuraxial Block and Regional Anesthesia in the Patient Receiving Antithrombotic or Thrombolytic Therapy.

Problem-Based Learning Discussions | L076**Nerve Injury After Peripheral Nerve Blockade: Best Practices and Medical-Legal Protection Strategies**

12:30-1:45 p.m. | Room 343-345

H. David Hardman M.D., MBA**Problem-Based Learning Discussions | L082****Analgesic Options for a 68-Year-Old Man with Multiple Rib Fractures**

12:30-1:45 p.m. | Room 343-345

Mark Leibel M.D. Kristopher Schroeder M.D.**120 Minute Panel | PN14****Controversies and Challenges in Perioperative Pain Management**

1-3 p.m. | Room 252-254

Eugene Viscusi M.D.

Perioperative pain management is an area of many challenges and controversies. Emerging evidence suggests that the individual differences of patients may affect their sensitivity to pain. The future of acute pain may reside with genetic testing and personalized medicine. Chronic opioid exposure dramatically alters response to opioid analgesics making new acute pain extremely difficult to manage. Respiratory events related to opioid exposure are a critical current concern. Understanding these challenges prepares the clinician to best target emerging analgesic approaches. **Anita Gupta D.O., Pharm.D. Personalize Medicine: Is It the Answer to Improving Acute Pain Management? David Clark M.D. Acute Pain Management in the Opioid Tolerant Patient Chad Brummett M.D. Abnormal Pain Sensitivity and Postoperative Pain Thomas Witkowski M.D. Respiratory Depression and Acute Pain Management: Risk Stratification and Reduction**

Refresher Course Lecture | 232**The Economics of Regional Anesthesia**

3-4 p.m. | Room E-3

Brian Williams M.D., M.B.A.

Peripheral nerve blocks placed before surgery require more upstream workload, with the aim of patient-centered symptom reduction downstream. When preoperative nerve blocks are coupled with intraoperative RA, multiple patient and hospital benefits are achievable. Meanwhile, general anesthesia (GA) use intraoperatively (instead of RA when the latter may have been more appropriate but less convenient) can undermine the full potential for process efficiency and patient symptom reduction intended with preoperative peripheral nerve blocks. Patient symptom reductions and process efficiency improvements can lead to significant cost reductions. Codifying economic benefits can help to justify building and sustaining such services when discussing these services with hospital administrators who may be unaware of these patient-centered and hospital efficiency nuances.

120 Minute Panel | PN16**Transversus Abdominis Plane Block, Paravertebral Block or Thoracic Epidural: Is There an Ideal Truncal Block?**

3-5 p.m. | Room 211-213

Steven Clendenen M.D.

This session will review the past and present use of TAP and PVB blocks and the current resurgence of these blocks. Thoracic epidurals are considered the Gold Standard for postoperative pain management and using a panel format, s will discuss the advantages, disadvantages, indications and complication of the individual blocks (epidurals,PVB,TAP) and review the current literature to support their viewpoint. **Manoj Karmakar M.B.,B.S. Paravertebral Block Michael Barrington M.B.,B.S., Ph.D. Transversus Abdominis Plane Block Adam Niesen M.D. Thoracic Epidural**

Problem-Based Learning Discussions | L088**This Epidural Catheter Is Not Working Well. What Should I Do?**

3:30-4:45 p.m. | Room 343-345

Miguel Cruz M.D.**Problem-Based Learning Discussions | L092****Thoracic Epidural Analgesia in the Recently Anticoagulated Patient: Is This a Good Idea?**

3:30-4:45 p.m. | Room 343-345

Anuj Malhotra M.D.**Refresher Course Lecture | 236****Ultrasound Guided Regional Anesthesia in Infants, Children and Adolescents: Guiding You to Success**

4:15-5:15 p.m. | Room E-1

Santhanam Suresh M.D.

This refresher course lecture will deal with US guided regional techniques for upper, lower extremity, neuraxial and truncal blocks in infants and children along with dosing guidelines. All blocks will be highlighted using video demonstration of actual block performance.

Monday, October 13**Subspecialty Panel | 608****(ASRA) In-Hospital Falls: What Causes Them and How We Can Prevent Them**

7-8:15 a.m. | Room 243

Sandra Kopp, M.D., M.P.H., Linda Le-Wendling, M.D., F. Kayser Enneking, M.D.**Problem-Based Learning Discussions | L107****A 40-Year-Old Woman With Multiple Sclerosis Consulting for Postoperative Epidural Following Laparoscopic Converted to Open Colectomy**

7:15-8:30 a.m. | Room 343-345

John Shepler M.D. Kristopher Schroeder M.D.**Refresher Course Lecture | 303****Current Concepts and Controversies in Acute Pain Management**

8-9 a.m. | Room E-2

Eugene Viscusi M.D.

Recent developments in acute pain management suggest that treatment strategies can have far reaching implications for both short-term and long-term outcomes. Recent evidence raises concerns that short term perioperative exposure may support tumor growth and reduce survival. Brief opioid exposure may lead to tolerance, hyperalgesia, abuse, sleep disturbances as well as the more common opioid nuisance side effects. Chronic pain following surgery is gaining attention. Causes are likely multifactorial and a clear preventive strategy remains elusive. Obstructive and central sleep apnea are a growing concern with opioid analgesia in the postoperative period yet identification and monitoring remains extremely challenging. reducing opioids through a multimodal approach is a common emerging theme.

Clinical Forum | CF08**EXPAREL: A Novel Liposomal Extended-Release Bupivacaine Formulation**

8-9:30 a.m. | Room 203-205

John Rowlingson M.D.

EXPAREL is a novel extended-release formulation of bupivacaine utilizing the DepoFoam drug delivery platform. This recently approved drug received an FDA indication for surgical infiltration to provide up to 72 hours of analgesia. Current available data from the pivotal studies for approval answer many questions about the safety, efficacy and utility but leave many other questions unanswered. Clinicians often will venture out and use drugs for unapproved uses. This panel will summarize the current available information to guide clinicians on safe use, provide insights to future applications and present thought provoking applications in Enhanced Recovery after Surgery (ERAS) protocols. **Admir Hadzic M.D. Potential Future Uses for EXPAREL: Peripheral Nerve Blocks and Epidurals Tong Gan M.D. EXPAREL for Infiltration, TAP, Periarticular Infiltration: Application in Enhanced Recover After Surgery (ERAS) Protocols**

Problem-Based Learning Discussions | L113**This Epidural Catheter Is Not Working Well. What Should I Do?**

9-10:15 a.m. | Room 343-345

Miguel Cruz M.D.**Problem-Based Learning Discussions | L114****Numb and Number: Should We Use Regional Anesthesia in Orthopedic Trauma?**

9-10:15 a.m. | Room 343-345

Nabil Elkassabany M.D.

Refresher Course Lecture | 311**Clinical Pathways for Total Joint Arthroplasty: Essential Components for Success**

9:15-10:15 a.m. | Room 260-262

James Hebl M.D.

This refresher course lecture will provide an overview of the role of clinical pathways to enhance the quality, improve the safety, and reduce the cost associated with joint replacement surgery.

Refresher Course Lecture | 316**Lipid Resuscitation for Local Anesthetic and Other Toxic Overdoses**

12:30-1:30 p.m. | Room 260-262

Guy Weinberg M.D.

This refresher course will review the development of lipid resuscitation as an effective treatment for severe toxicity caused by local anesthetics or other lipophilic drugs. This modality reverses both CNS and cardiovascular toxicity in animal models and clinical scenarios. It exemplifies translational research and the ongoing contribution of basic anesthesia scientific investigation to other medical specialties and improving patient safety at large. The course will stress both the practical, clinical application and the underlying proposed mechanisms for the benefit of lipid resuscitation. Limitations of the method and future potential uses including tissue protection from ischemia-reperfusion injury will also be discussed.

Poster Presentations | P016-3**Regional Anesthesia and Acute Pain: Basic sciences**

1-3 p.m. | Hall B1-Area B

Hands-on Workshop | 828A**Peripheral Nerve Blocks: Ultrasound, Simulation and Stimulation**

1-4 p.m. | Room 352

Hands-on Workshop | 828B

8-11 a.m. | Room 352

Hands-on Workshop | 828C

1-4 p.m. | Room 352

Andrew Rosenberg M.D.

This workshop will consist of a lecture followed by participants moving through five stations to gain knowledge of regional anesthesia techniques including ultrasound guided regional anesthesia and nerve stimulation technique. In addition there is a simulation station that has simulators for ultrasound guidance for the upper extremity, the lower extremity, and the femoral nerve. There is a station for simulation of nerve stimulation of the upper extremity. **Arthur Atchabahian M.D. Patrick Birmingham M.D.**

Patrick Boyle M.D. Levon Capan M.D. Vincent Chan M.D. Jacques Chelly M.D., Ph.D., M.B.A. Nabil Elkassabany M.D. Richard Elliott M.D. Jessica George M.D. Trusha Govindji M.D. Thomas Harrison M.D. Barys Ihnatsenka M.D. Christina Jeng M.D. Jung Kim M.D. Mitchell Lee M.D. Linda Le-Wendling M.D. Stephen Lucas M.D. Mitchell Marshall M.D. Jovan Popovic M.D. Santhanam Suresh M.D. Daniel Wambold M.D. Lisa Warren M.D. Sylvia Wilson M.D. Myron Yaster M.D.

Cadaver Workshops | CA06**Comprehensive Anatomy-Live Model Ultrasound for Regional Anesthesia**

1-5 p.m. | Room 271-273

Carlo Franco M.D.**Cadaver Workshop and Live Model Ultrasound for Regional Anesthesia**

The workshop will start with a 40 minute lecture on gross anatomy of nerve blocks and fundamentals of ultrasound imaging. Then the participants will alternate between a cadaver dissection station and a live model demonstration to correlate anatomy-ultrasound at different locations. **Xavier Sala-Blanch M.D. Ultrasound Demonstration**

Refresher Course Lecture | 322**Lower Extremity Nerve Blocks: Update**

1:45-2:45 p.m. | Room 260-262

Admir Hadzic M.D., Ph.D.

Lower Extremity Nerve Blocks: Update will focus on ever changing techniques, modes of application, pharmacology and perioperative management of lower extremity nerve blocks.

Refresher Course Lecture | 326**Multimodal Analgesics for Perioperative Pain Control**

3-4 p.m. | Room E-2

May Chin M.D.

This refresher course will provide an overview of the pathophysiology of pain from surgery, review the current evidence for perioperative use of adjuvant analgesics, and examine the impact of multimodal analgesia on clinical outcomes.

Oral Presentations | OR16-1**Regional Anesthesia and Acute Pain**

3-4:30 p.m. | Room 231-232

Problem-Based Learning Discussions | L143**Tough Choices: Regional or General Anesthesia in a Very Elderly Patient**

3:30-4:45 p.m. | Room 343-345

Jason Lane M.D., M.P.H.**90 Minute Panel | PN78****Regional Anesthesia for Total Shoulder Arthroplasty: Outcomes, Complications, Techniques, and Use in Ambulatory Surgery**

3:30-5 p.m. | Room 228-230

Maxim Eckmann M.D.**Analgesia and Anesthesia of the Shoulder Joint and Surrounding Tissues, Peripheral Nerve and Brachial Plexus Techniques**

This panel is intended to refresh the clinician on methods to provide perioperative analgesia of the shoulder, review the effects of regional anesthesia on functional outcomes following total shoulder arthroplasty, and explore use of continuous perineural blockade to facilitate outpatient total shoulder arthroplasty. **Hans Sviggum M.D. Benefit of Regional Anesthesia in Functional Outcomes and Patient Satisfaction Following Total Shoulder Arthroplasty Brian Ilfeld M.D., M.S. Critical Role of Regional Anesthesia in Ambulatory Total Shoulder Arthroplasty**

90 Minute Panel | PN80**Regional Anesthesia Dilemmas Due to Medical Disease**

3:30-5 p.m. | Room 255-257

Steven Clendenen M.D.

Patients presenting for a surgical procedure, which could be performed with a regional anesthetic/analgesic commonly, have medical problems, which impact the choice or the conduct of that anesthetic. Perioperative complications related to co-morbidities may be positively or negatively affected by the choice of a regional anesthetic/analgesic technique. This panel will include four presentations on regional anesthesia/analgesia conundrums.

Chester Buckenmaier III, M.D. Acute Pain Management in Patients with Multiple Trauma Admir Hadzic M.D. Regional Block in the Patient with Pre-Existing Neuropathy David Auyong M.D.

Regional Anesthesia in the Morbidly Obese Patient Terese Horlocke M.D. Regional Anesthesia in Patients With Spinal Canal Pathology

Tuesday, October 14

Problem-Based Learning Discussions | L151**Postoperative Ulnar Neuropathy - Could I Have Done Something to Prevent It?**

7:15-8:30 a.m. | Room 343-345

Sanjay Bhananker M.B., B.S.**Refresher Course Lecture | 404****The Age of HCAHPS: The Need for Acute Pain Services Revisited**

8-9 a.m. | Room E-3

Michael Bottros M.D.

This refresher course lecture will provide an overview of the Hospital Consumer Assessment of Healthcare Providers and Systems (HCAHPS) and its current and future impact on hospital economics and hospital administration. This information will provide tools for anesthesiologists to improve their presence and impact in perioperative medicine, especially in acute pain services, and help shape hospital policies and protocols.

Poster Discussions | PD16-2**Regional Anesthesia and Acute Pain**

8-9:30 a.m. | Room 243

Hands-on Workshop | 828B**Peripheral Nerve Blocks: Ultrasound, Simulation and Stimulation**

8-11 a.m. | Room 352

Andrew Rosenberg M.D.

This workshop will consist of a lecture followed by participants moving through five stations to gain knowledge of regional anesthesia techniques including ultrasound guided regional anesthesia and nerve stimulation technique. In addition there is a simulation station that has simulators for ultrasound guidance for the upper extremity, the lower extremity, and the femoral nerve. There is a station for simulation of nerve stimulation of the upper extremity. **Arthur Atchabahian M.D. Patrick Birmingham M.D.**

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Problem-Based Learning Discussions | L166**Antifibrinolytic Use in Major Orthopedic Procedures: What's the Bloody Controversy?**

9-10:15 a.m. | Room 343-345

Yan Lai M.D., M.P.H.**Problem-Based Learning Discussions | L168****Thoracic Epidural Analgesia in the Recently Anticoagulated Patient: Is This a Good Idea?**

9-10:15 a.m. | Room 343-345

Anuj Malhotra M.D.**Refresher Course Lecture | 407****Virtual Cadaver Lab - Anatomy Pearls in Regional Anesthesia to Improve Clinical Success**

9:15-10:15 a.m. | RiverGate

David Auyong M.D.

This lecture covers the anatomical relationships of nerves, blood vessels, muscle, bone, adipose, and skin that form the foundation of regional anesthesia. Images will be presented from multiple dissections in many different fresh tissue cadavers. Unique and clinically relevant correlations will be made between classic anatomical textbook images, the cadaver anatomy and ultrasound images. Anatomical pearls will be reviewed and highlighted for many nerve block approaches to the upper and lower extremity including interscalene, supraclavicular, suprascapular, infraclavicular, axillary, femoral, fascia iliaca, adductor canal, and the sciatic nerve in the subgluteal and popliteal regions. The interplay of gross anatomy and ultrasound images will cement important anatomical relationships, improving clinical success in regional anesthesia. Many oft repeated teachings in regional anesthesia will be explored and then confirmed or refuted by revisiting the gross anatomy of the human body.

Point-Counterpoint | PC17**Should I Be Using More Than One Local Anesthetic Additive During Peripheral Nerve Blockade?**

10-11:30 a.m. | Room 211-213

Anahi Perlas M.D.

This session will review the benefits, safety, and clinical efficacy of multimodal perineural analgesia during peripheral nerve blockade vs. single-agent dexamethasone alone. **Jacques Ya Deau M.D., Ph.D. CON: Single-Agent Dexamethasone Should Be Considered Best Practice Brian Williams M.D., M.B.A. PRO: Multimodal Perineural Analgesia Should Be Considered Best Practice**

90 Minute Panel | PN83**Acute Pain Management in the Patient With Opioid Tolerance, Dependence or Addiction**

10-11:30 a.m. | Room 252-254

David Provenzano M.D.**Perioperative Evaluation and Discharge Planning for the Patient with Opioid Tolerance**

A history of chronic opioid exposure prior to surgery portends a challenging postoperative pain period. Clinicians often fail to quantify the degree of opioid use, abuse or addiction prior to surgery and plan an appropriate anesthetic and analgesic approach. A carefully planned multimodal approach with regional anesthesia is likely the best strategy. As part of our role in perioperative medicine, anesthesiologists can improve satisfaction and outcome by a careful preoperative assessment of these challenging patients with a tailored anesthetic and analgesia plan followed by opioid management in the discharge plan. **Asokumar Buvanendran M.D. Best Perioperative Pain Management Strategies in the Presence of Profound Opioid Tolerance Oscar De Leon-Casasola M.D. Pain Management in the Patient with Known or Suspected Addiction**

Poster Presentations | P016-5
Regional Anesthesia and Acute Pain
 10 a.m.-12 p.m. | Hall B1 – Area B

120 Minute Panel | PN25
ASRA Practice Advisories: Review and Update
 10 a.m.-12 p.m. | Room 217-219
Terese Horlocker M.D.

Regional Anesthesia and Anticoagulation
 This panel will review the three most recent Practice Advisories issued by ASRA: Anticoagulation and Regional Anesthesia, Infectious Complications, Systemic Toxicity, and Neurological Complications. **Joseph Neal M.D. Approaches to Decrease the Risk of Neurologic Complications** **Guy Weinberg M.D. Treatment of Local Anesthetic Systemic Toxicity** **James Hebl M.D. Preventing Infectious Complications through Optimal Asepsis**

Poster Presentations | P016-5
Regional Anesthesia and Acute Pain
 10 a.m.-12 p.m. | Hall B1-Area B

Refresher Course Lecture | 415
Continuous Peripheral Nerve Blocks in 2014: Techniques, Management, Benefits, and Avoiding Complications
 11:45-12:45 p.m. | Room E-2
Brian Ilfeld M.D., M.S.
 This refresher course lecture will cover four main topics relating to continuous peripheral nerve blocks: (1) techniques to optimize perineural catheter placement and infusion management; (2) perineural infusion benefits; (3) possible perineural infusion complications and ways to minimize their frequency; and (4) ambulatory continuous peripheral nerve blocks. Topics are included for those unfamiliar with continuous peripheral nerve blocks as well as cutting-edge techniques and recently-published data for experienced practitioners.

Problem-Based Learning Discussions | L174
Perioperative Management of the Patient on Anticoagulant Therapy: A Fresh Look at an Old Problem
 12:30-1:45 p.m. | Room 343-345
Richard Beers M.D.

Problem-Based Learning Discussions | L179
Tough Choices: Regional or General Anesthesia in a Very Elderly Patient
 12:30-1:45 p.m. | Room 343-345
Jason Lane M.D., M.P.H.

Refresher Course Lecture | 421
Local Anesthetics: Mechanisms, Toxicities and Controversies From a Clinical Perspective
 1-2 p.m. | Room E-2
John Butterworth M.D.
 This refresher course lecture will review the local anesthetic pharmacology and systemic toxicity, and will indicate those instances where conventional wisdom is in conflict with contemporary data.

Problem-Based Learning Discussions | L192
A 40-Year -Old Woman With Multiple Sclerosis Consulting for Postoperative Epidural Following Laparoscopic Converted to Open Colectomy
 3:30-4:45 p.m. | Room 343-345
John Shepler M.D. Kristopher Schroeder M.D.

Wednesday, October 15

120 Minute Panel | PN36
Regional Anesthesia Adjuncts: Helpful or Harmful?
 8-10 a.m. | Room 255-257
Brian Williams M.D., M.B.A.
Perineural Dexamethasone and Buprenorphine: Animal Data and Safety Concerns
 This panel will evaluate the safety and efficacy of local anesthetic additives for both neuraxial and peripheral nerve blockade. s will present an evidence-based review of popular additives dexamethasone, buprenorphine, clonidine, and dexmedetomidine. There will also be a presentation evaluating preliminary clinical and animal safety data of liposomal bupivacaine use during regional anesthesia and periarticular administration. **Jacques Ya Deau M.D., Ph.D. Perineural Dexamethasone and Buprenorphine: Clinical Applications and Efficacy** **Sandra Kopp M.D. Clonidine and Dexmedetomidine: The Role of Alpha-2 Agonists in Regional Anesthesia** **Brian Ilfeld M.D., M.S. Perineural and Periarticular Liposomal Bupivacaine**

Refresher Course Lecture | 505
Perioperative Analgesia and Effect on Patient Outcomes
 9:15-10:15 a.m. | Room E-2
Spencer Liu M.D.
 Review of pathophysiology and evidence for effects of regional analgesia on perioperative outcomes.

Poster Discussions | PD16-3
Regional Anesthesia and Acute Pain
 10-11:30 a.m. | Room 244

SUBSPECIALTY PANELS							
Date	Time		Track	Fee Code	Speaker	Speaker	Location
Saturday, Oct. 11	7-8:15 a.m.		OB	601	(SOAP) Caring for Our Own: Focusing on the Care Provider to Optimize Safety for Our Patients	Robert Gaiser, M.D.	231-232
			PN	602	(ASRA) Advancing Safety and Risk Management Strategies in Pain Medicine	David Provenzano, M.D.	238-239
Sunday, Oct. 12	7-8:15 a.m.		FA	603	(STA) How Can Mobile Technology Help Me Help My Patients?	Maxime Cannesson, M.D., Ph.D.	228-230
			CC	604	(SOCCA) Trauma and Critical Care Pearls for the Non-Intensivists	Daniel Brown M.D., Ph.D.	231-232
			AM	605	(SAMBA) TIVA in 2014	Steven Butz, M.D.	238-239
Monday, Oct. 13	7-8:15 a.m.		NA	606	(SNACC) Anesthesia for Acute Stroke Management: Method, Timing and Hemodynamics	Rafi Avitsian, M.D.	231-232
			PI	607	(SEA) Technology Today: Testing, Training and Learning	Ira Todd Cohen, M.D., M.Ed.	238-239
			RA	608	(ASRA) In-Hospital Falls: What Causes Them and How Can We Prevent Them?	Sandra Kopp, M.D.	243
Tuesday, Oct. 14	7-8:15 a.m.		CA	609	(SCA) Cardiac Anesthesia	Colleen Koch, M.D., M.S., M.B.A.	231-232
			PD	610	(SPA) The Child With Congenital Heart Disease Presenting for Non-Cardiac Surgery	Shobha Malviya, M.D.	238-239
RCL - REFRESHER COURSE LECTURE							
Date	Time		Track	Fee Code	Speaker	Speaker	Location
Saturday, Oct. 11	8-9 a.m.		CC	101	Sepsis Current Concepts, Guidelines and Perioperative Management	Mark Nunnally M.D. F.C.C.M.	RiverGate
			AM	102	Current Controversies in Adult Outpatient Anesthesia	Jeffrey Apfelbaum M.D.	E-1
			FA	103	Arterial Blood-Gas Analysis: Interpretation and Application	Steven Barker Ph.D. M.D.	E-2
			OB	104	Anesthesia for the Morbidly Obese Parturient	Brenda Bucklin M.D.	E-3
			PN	105	Clinical Evaluation and Treatment of Neuropathic Pain	Timothy Lubenow M.D.	260-262
			CA	106	New Developments in Cardiopulmonary Resuscitation	Matthias Riess M.D. Ph.D.	La Nouvelle Ballroom AB
	9:15-10:15 a.m.		OB	107	Postpartum Hemorrhage	Jill Mhyre M.D.	RiverGate
			CC	108	Pulmonary Hypertension and Right Ventricular Failure	Eric Jacobsohn M.B. Ch.B.	E-1
			NA	109	Adult Head Injury: Management Update and Controversies	Audree Bendo M.D. Martin Smith M.B. B.S.	E-2
			RA	110	Upper Extremity Regional Anesthesia: Essentials for Your Practice	Joseph Neal M.D.	E-3
			CA	111	The Role of the Perioperative Physicians in Prevention of Chronic Pain After Surgery	Asokumar Buvanendran, M.D.	260-262
			CA	112	Perioperative Management of Cardiovascular Implantable Electronic Devices	Annemarie Thompson M.D.	La Nouvelle Ballroom AB
	1:30-2:30 p.m.		PN	113	Complex Regional Pain Syndrome: What's New?	Richard Rauck M.D.	E-3
			NA	114	Blood Pressure and the Brain: How Low Can You Go?	John Drummond M.D.	260-262
			CA	115	Perioperative Lung Protective Strategies in One-Lung and Two-Lung Ventilation	Peter Slinger M.D.	La Nouvelle Ballroom AB

			FA	127	Hospital System Failures and Hazard Management in the Operating	Allan Klock M.D.	E-1
			PI	128	Human Errors in Medicine: What They Should Mean to Patients, Providers, and the Public	Robert S. Lagasse, M.D.	E-2
	2:45-3:45 p.m.		OB	116	Anesthetic Management of the Preeclamptic Patient	Joy Hawkins M.D.	RiverGate
			RA	117	Making Regional Anesthesia Work in the Real World	Francis Salinas M.D.	E-1
			FA	118	Anesthesia for Major Orthopedic Surgery	Andrew Rosenberg M.D.	E-2
			CC	119	Mechanical Ventilatory Support: What Every Anesthesiologist Should Know	Michael Gropper M.D. Ph.D.	E-3
			FA	120	Operating Fire Safety	William Culp M.D.	260-262
	3-5 p.m.		NA	121	Smart Seniors: Avoiding Perioperative Brain Failure	Gregory Crosby M.D.	La Nouvelle Ballroom AB
	4-5 p.m.		FA	122	Mastering Anesthesia for the Elderly Patient	Jeffrey Silverstein M.D.	RiverGate
			OB	123	Dural Puncture and Headache: Let's Keep It the Patient's Headache	Robert Gaiser M.D.	E-1
			CC	124	Transfusion Therapy: Optimal Use of Blood Products	Stephen Surgenor M.B.A. M.D.	E-2
			PD	125	Pediatric Ambulatory Anesthesia: Challenges and Controversies	Linda Mason M.D.	E-3
			RA	126	Regional Anesthesia to Improve Long Term Outcomes After Surgery	Michael Andreae M.D. M.S.	260-262
Sunday, Oct. 12	8-9 a.m.		CC	202	Respiratory Physiology and Perioperative Gas Exchange	Luca Bigatello M.D.	E-1
			PD	203	Current Controversies in Pediatric Anesthesia	Lena Sun M.D.	E-2
			CA	204	Rethinking Acute Blood Pressure Management in the Perioperative Setting	Solomon Aronson M.D. M.B.A. F.A.C.C. F.C.C.P. F.A.H.A. F.A.S.E.	E-3
			AM	205	Anesthesia for Outpatient Diagnostic and Therapeutic Radiology	Thomas Cutter M.D.	260-262
			CA	206	Preoperative Cardiac Evaluation for Noncardiac Surgery	Lee Fleisher M.D.	La Nouvelle Ballroom AB
	9:15-10:15 a.m.		OB	207	Neurologic Complications of Neuraxial Anesthesia in Obstetrics	David Wlody M.D.	RiverGate
			PI	208	Decision Making Errors in Anesthesiology	Marjorie Stiegler M.D.	E-1
			CA	209	Congenital Heart Disease in the Adult Presenting for Non-Cardiac Surgery	Ilka Theruvath	E-2
			PN	210	Modern Concepts in Spinal Cord Stimulation	Timothy Deer M.D.	E-3
			FA	211	Perioperative Management of Patients With Left Ventricular Assist Devices Undergoing Noncardiac Surgery	Michael O'Connor M.D.	260-262
			PD	212	New Guidelines: Pediatric Advanced Life Support for the Anesthesiologist	Eugenie Heitmiller M.D.	La Nouvelle Ballroom AB
	10:30-11:30 a.m.		AM	213	Adult Patient With Morbid Obesity and OSA for Ambulatory Surgery: An Update	Girish Joshi M.B.B.S. M.D. FFARCSI	RiverGate
			OB	214	Hail Caesar: Anesthesia for Cesarean Delivery	Lawrence Tsen M.D.	E-1
			CA	215	Catheter Based Cardiac Surgery: Anesthesia in the Hybrid Suite and Cath Lab	Nathael Weitzel M.D.	E-2
			PN	216	Head and Neck Pain: A Clinical Approach	Samer Narouze M.D. Ph.D.	E-3

			PD	217	Anesthesia for the Patient With Congenital Heart Disease for Emergent Non-Cardiac Surgery: Are You Well Equipped?	Dean Andropoulos M.D.	260-262
			CC	218	The Evidence Behind Evidence-Based Medicine	Brian Kavanagh M.B.	La Nouvelle Ballroom AB
	12:30-1:30 p.m.		PD	219	Anesthetic Induced Neurotoxicity in Pediatric Patients: A Status Update	Randall Flick M.D. M.PH.	E-2
			PN	220	Radiofrequency Ablation for the Treatment of Spine Pain: Understanding the Basic Principles and Clinical Applications	David Provenzano M.D.	E-3
			PD	221	Neonatal Emergencies: Simple Approach to Success	Samuel Wald M.D.	260-262
			RA	222	Hemorrhagic and Infectious Complications of Neuraxial Anesthesia	Terese Horlocker M.D.	La Nouvelle Ballroom AB
	1:45-2:45 p.m.		FA	223	Perioperative Management of Pulmonary Hypertension	Ronald Pearl M.D. Ph.D.	RiverGate
			FA	224	Obstructive Sleep Apnea - What an Anesthesiologist Should Know	Frances Chung M.B.B.S. F.R.C.P.C.	E-1
			OB	225	State of the Art Labor Analgesia	Kenneth Nelson M.D.	E-2
			CC	226	Heart Failure and Perioperative Care	Gareth Ackland M.D.	E-3
			AM	227	Effective Management of Pain, PONV and Common Adverse Effects in Ambulatory Surgical Patients	Tong Gan M.D.	260-262
			PI	228	Building a Quality Management System for Meaningful Use	John Allyn M.D.	La Nouvelle Ballroom AB
	3-4 p.m.		NA	229	The Impact of Anesthesia on the Young and Old Brain	Audree A. Bendo M.D.	RiverGate
			CC	230	Perioperative Coagulation and Coagulopathy	Linda Liu M.D.	E-1
			FA	231	Neuromuscular Management and Patient Outcomes	Glenn Murphy M.D.	E-2
			RA	232	The Economics of Regional Anesthesia	Brian Williams M.D. M.B.A.	E-3
			CA	233	New Developments in Thoracic Anesthesia	Edmond Cohen M.D.	260-262
			OB	234	Anesthesia for Nonobstetric Surgery and Procedures	Yaakov Beilin M.D.	La Nouvelle Ballroom AB
	4:15-5:15 p.m.		PN	235	The Role of Perioperative Physicians in Prevention of Chronic Pain After Surgery	Asokumar Buvanendran M.D.	RiverGate
			RA	236	Ultrasound Guided Regional Anesthesia in Infants Children and Adolescents: Guiding You to Success	Santhanam Suresh M.D.	E-1
			PI	237	Mythbusters Episode: Economic Issues of Anesthesia Care	Amr Abouleish M.D. M.B.A.	E-2
			FA	238	Weapons of Mass Destruction: Improvised Explosive Devices	Michael Murray M.D. Ph.D.	E-3
			CC	239	Understanding Clinical Hemodynamics	Jeffery Vender M.D. F.C.C.M.	260-262
			FA	240	What's New in Airway Management	Lauren Berkow M.D.	La Nouvelle Ballroom AB
Monday, Oct. 13	8-9 a.m.		FA	301	Positioning Problems You Hope to Never Encounter	Mark Warner M.D.	RiverGate
			PN	302	Therapeutic Epidural Injections: Safety Considerations and Evidence Basis	Marc Huntoon M.D.	E-1
			RA	303	Current Concepts and Controversies in Acute Pain Management	Eugene Viscusi M.D.	E-2
			PI	304	Tired of Not Being Taken Seriously? How Professionalism Affects You	Sandra Curry M.D.	E-3

		CA	305	Synthetic Colloids in Cardiac Surgery What Are the Indications?	Roman Sniecinski M.D.	260-262
	8-10 a.m.	NA	306	Perioperative Management of Patients Undergoing Spine Surgery	Susan Black M.D.	La Nouvelle Ballroom AB
	9:15-10:15 a.m.	PI	307	Ethics in the Real World	Jeffrey Jacobs M.D.	RiverGate
		PN	308	The Strain in Pain Lies Mainly in the Brain: Lessons Learned from the Neuroimaging of Pain	Sean Mackey M.D. Ph.D.	E-1
		FA	309	A Few New Papers From Outside Anesthesia Which Can Affect Your Practice	James Eisenach M.D.	E-2
		CA	310	Cerebral Protection During Cardiac Surgery	Charles Hogue M.D.	E-3
		RA	311	Clinical Pathways for Total Joint Arthroplasty: Essential Components for Success	James Hebl M.D.	260-262
	12:30-1:30 p.m.	PI	312	Chemical Dependency and Anesthesiology	John Tetzlaff M.D.	RiverGate
		CC	313	(A)ACLS in the Perioperative Period	Gerald Maccioli M.D.	E-1
		FA	314	Perioperative Glycemic Management: A Practical Guide	Basem Abdelmalak M.D.	E-2
		CA	315	Preconditioning the Heart: How It Works and Does It Matter?	Judy Kersten M.D.	E-3
		RA	316	Lipid Resuscitation for Local Anesthetic and Other Toxic Overdoses	Guy Weinberg M.D.	260-262
		PN	317	Improving Safety Through Use of Diagnostic Imaging and Image Guidance in Pain Medicine	James Rathmell M.D.	La Nouvelle Ballroom AB
	1:45-2:45 p.m.	FA	318	How to Establish a Perioperative Surgical Home in Your Institution	Zeev Kain M.D. M.B.A.	RiverGate
		PN	319	Interventional Pain Procedures in Patients on Anticoagulants	Honorio Benzon M. D.	E-1
		AM	320	Malignant Hyperthermia in the Ambulatory Setting	Ronald Litman D.O.	E-2
		FA	321	My Pharmacy Is Out of Fentanyl! What Do I Do Now? Rational Perioperative Opioid Substitutions	Dhanesh Gupta M.D.	E-3
		RA	322	Lower Extremity Nerve Blocks: Update	Admir Hadzic M.D.Ph.D.	260-262
		CC	323	Controversies and Best Practices in Central Line Insertion	Avery Tung M.D. F.C.C.M.	La Nouvelle Ballroom AB
	3-4 p.m.	PN	324	Algorithmic Approach to Back Pain	Nagy Mekhail M.D. Ph.D.	RiverGate
		AM	325	Ultrasound Guided Regional Anesthesia for Ambulatory Surgery	Meg Rosenblatt M.D.	E-1
		RA	326	Multimodal Analgesics for Perioperative Pain Control	May Chin M.D.	E-2
		FA	327	Top 10 Respiratory Anesthesia Practices That Drive Me Crazy	David Warner M.D.	E-3
		PD	328	Airway Management in Pediatric Emergencies: The Tricks of the Trade	Paul Reynolds M.D.	260-262
		FA	329	Hazards of the Anesthesia Workstation	James Eisenkraft M.D.	La Nouvelle Ballroom AB
	4:15-5:15 p.m.	CC	330	Perioperative Delirium	Pratik Pandharipande M.D.	RiverGate
		FA	331	Obesity and Anesthesia: Crossroads of a Challenge	Ashish Sinha M.D. Ph.D.	E-1

			PI	332	Advanced Teaching Skills for the Fast-Paced OR: How to Successfully Educate When Faced With High Clinical Workload Lack of Protected Time and Limited Funding?	Marek Brzezinski M.D. Ph.D.	E-2
			CA	334	Heparin Sensitivity and Resistance: Management During Cardiopulmonary Bypass	Alan Finley M.D.	260-262
			PI	335	The Art and Science of Disclosing Unanticipated Outcomes to Patients: An Anesthesiologist's Perspective	Allen Gustin M.D.	La Nouvelle Ballroom AB
Tuesday, Oct. 14	8-9 a.m.		PI	401	Compensation for Service - When the Revenues Don't Support the Expectations	Asa Lockhart M.D. M.B.A.	RiverGate
			AM	402	The Geriatric Outpatient: Postoperative Cognitive Dysfunction and Other Concerns	Kathryn McGoldrick M.D.	E-1
			OB	403	Neuraxial Labor Analgesia and Pregnancy Outcome: Fact and Fiction	Cynthia Wong M.D.	E-2
			RA	404	The Age of HCAHPS: The Need for Acute Pain Services Revisited	Michael Bottros M.D.	E-3
			CA	405	The Pulmonary Artery Catheter in 2014: Past Present and Is There a Future?	Jonathan Mark M.D.	260-262
			FA	406	ATLS Update: What Every Anesthesiologist Needs to Know...BEFORE Going to the OR!	Maureen McCunn M.D. M.I.P.P.	La Nouvelle Ballroom AB
	9:15-10:15 a.m.		RA	407	Virtual Cadaver Lab - Anatomy Pearls in Regional Anesthesia to Improve Clinical Success	David Auyong M.D.	RiverGate
			OB	408	Strategies to Optimize Cesarean Delivery Analgesia	Brendan Carvalho F.R.C.A.	E-1
			PD	409	Acute Postoperative Pain Management in Infants and Children: Size Does Matter!	Patrick Birmingham M.D.	E-2
			CA	410	Patient Safety in the Cardiac Operating : What Can Will and Might Make Patients Safer and You Happier	James Abernathy M.D. M.PH.	E-3
			FA	411	Anesthetics and the Brain Less Mysterious Than You May Think	Misha Perouansky M.D.	260-262
			PI	412	Safety and Human Factors in Anesthetic Practice	Keith Ruskin M.D.	La Nouvelle Ballroom AB
	11:45 a.m.-12:45 p.m.		PI	413	Mindfulness in Anesthesia: A Safety and Satisfaction Initiative	Neil Farber M.D. Ph.D.	RiverGate
			OB	414	Improving Patient Safety on the Labor and Delivery Suite through Changes in Culture Education and Communication	David Birnbach M.D. M.PH.	E-1
			RA	415	Continuous Peripheral Nerve Blocks in 2014: Techniques Management Benefits and Avoiding Complications	Brian Ilfeld M.D. M.S.	E-2
			FA	416	Anesthesia for Head and Neck Surgery	David Healy M.D. M.R.C.P F.R.C.A.	E-3
			FA	417	Preoperative Identification Evaluation and Optimization of the Highest Risk Patients	BobbieJean Sweitzer M.D.	260-262
			CA	418	TEE for the Occasional Cardiac Anesthesiologist	Michael Cahalan M.D.	La Nouvelle Ballroom AB
	1-2 p.m.		PI	419	Five Years of the AQL: What Do We Know About Ourselves Now?	Richard Dutton M.D. M.B.A.	RiverGate
			NA	420	Perioperative Management of Cerebrovascular Diseases	Adrian Gelb M.B. B.Ch. FRCPC	E-1
			RA	421	Local Anesthetics: Mechanisms Toxicities and Controversies From a Clinical Perspective	John Butterworth M.D.	E-2
			CA	422	Massive Post-Cardiopulmonary Hemorrhage: A Rational Approach to Management	Edwin Avery IV M.D.	E-3
			PI	423	Do the Right Thing: Resolving Ethical Dilemmas in the OR	Sarah Smith M.D.	260-262

			FA	424	Massive Transfusion Protocol in Trauma	Charles Smith M.D.	La Nouvelle Ballroom AB
	2:15-4:15 p.m.		PI	425	Improving Patient Safety and Communication During Anesthesia and Surgery	Richard Cook M.D.	RiverGate
	2:15-3:15 p.m.		PD	426	Anesthetic Management of Common Pediatric Emergencies	Franklyn Cladis M.D.	E-1
			PN	427	Healthcare Reform and Pain Medicine -Impact and Strategies for Future Success	Richard Rosenquist M.D.	E-2
			FA	428	Strategies for Success in Anesthesia During One-Lung Ventilation	Gregory Fischer M.D.	E-3
			CA	429	Update on Strategies for Blood Conservation and Hemostasis in Cardiac Surgery	C. Mazer M.D.	260-262
			FA	430	Electrical Safety in the Operating	Jeffrey Gross M.D.	La Nouvelle Ballroom AB
	3:30-4:30 p.m.		FA	431	Trauma Anesthesia and Operative Resuscitation	Joshua Tobin M.D.	E-1
			FA	432	Different Strokes for Operative Folks: Prevention of the Perioperative Cerebrovascular Accident	George Williams M.D.	E-2
			FA	433	Current Controversies of Perioperative Fluid Management	Roman Dudaryk M.D.	E-3
Wednesday, Oct. 15	8-9 a.m.		CC	501	Emergent Airway Management: Tips Tricks and Evidence	Aaron Joffe D.O.	E-1
			CA	502	Postoperative Acute Kidney Injury in Cardiac Surgery	Madhav Swaminathan M.D.	E-2
			FA	503	Recent Advances in Perioperative Fluid Management and the Patients' Outcomes	Ehab Farag M.D. F.R.C.A.	E-3
	9:15-10:15 a.m.		CC	504	Perioperative Renal Protection	Michael Hutchens M.D.	E-1
			RA	505	Perioperative Analgesia and Effect on Patient Outcomes	Spencer Liu M.D.	E-2

90-MINUTE PANEL

Date	Time		Track	Fee Code	Speaker	Speaker	Location
Saturday, Oct. 11	8-9:30 a.m.		CA	PN37	Modern Day Concepts in Thoracic Endovascular Repair (TEVAR) for Aortic Aneurysms	David Broussard M.D.	208-210
			PI	PN38	Change Management in Collaborative Quality Improvement Projects (CQIP)	Mike Schweitzer M.D. M.B.A.	220-222
			PI	PN39	Leaning In: Women in Leadership Roles	Rekha Chandrabose M.D.	225-227
			PN	PN40	Back Pain and Health Care Redesign: Preparing for Accountable Care	James Rathmell M.D.	228-230
			PD	PN41	What Anesthesiologists Need to Know About Resuscitating Kids in the OR	Jayant Deshpande M.D. M.PH.	255-257
			PI	PN103	Quality and Safety Challenges: Raising the Bar on Oversees Surgical Care	Richard Gillerman, M.D., Ph.D.	206-207
	1-2:30 p.m.		CC	PN42	Red Blood Cells: Good Bad and Ugly and Some Solutions	Jonathan Jahr M.D.	217-219
	3:30-5 p.m.		AM	PN43	Advanced Diagnostic Bronchoscopy: Coming Soon to an ASC near You	Basem Abdelmalak M.D.	208-210
			CA	PN44	Thoracic Surgery 2014	Nathael Weitzel M.D.	217-219
			CC	PN45	Optimizing Perioperative Hepatic Function	Randolph Steadman M.D. M.S.	220-222
			PN	PN46	Radiofrequency Ablation for Spinal Pain: Techniques to Optimize Success	Kevin Vorenkamp M.D.	225-227

			NA	PN47	Management of Neurological Events After Anesthesia	Deborah Rusy M.D.	228-230
			RA	PN48	Regional Anesthesia in Children: What Have We Learned From Large Prospective Databases?	Santhanam Suresh M.D.	252-254
			PI	PN49	Governmental Influences Over Health Care: Lessons Learned From Working on Capitol Hill	Andrew Gettinger M.D.	255-257
Sunday, Oct. 12	8-9:30 a.m.		FA	PN50	Airway Management Training: Are We Keeping Up With Technology?	Nicholas Nedeff M.D.	208-210
			CA	PN51	Heart Failure in Adults Undergoing Non-Cardiac Surgery	Amanda Fox M.D. M.PH.	217-219
			CC	PN52	Simulation Education in Competency-Based Training and Assessment: Present and Future	Randall Schell M.D. M.Ed.	220-222
			NA	PN53	The Yin and Yang of Anesthetic Drugs: Are They Neuroprotective or Neurotoxic?	Piyush Patel M.D.	225-227
			PN	PN101	Neuropathic Pain: From Mechanisms to Outcomes	Jianguo Cheng M.D.	252-254
	10-11:30 a.m.		OB	PN54	Cutting-Edge Technologies and Point-of-Care Devices to Improve Care of the Obstetric Patient	Brendan Carvalho F.R.C.A.	208-210
			PD	PN55	Pediatric Adenotonsillectomy: Enhancing Quality and Efficiency; Ensuring Safety	Lynne Maxwell M.D.	217-219
			PI	PN56	Beating Back Burnout: Strategies for Career Longevity and Improved Patient Care	Mary Ann Vann M.D.	220-222
			PI	PN57	Not All That Glitters is Gold- How Do I Judge Quality from My Experience as a Surgical Outpatient?	Armin Schubert M.D.	225-227
			RA	PN58	Nerve Injury Following Regional Anesthesia	Vincent Chan M.D.	228-230
			PI	PN59	Professionalism - An International Perspective	Saundra Curry M.D.	255-257
	1-2:30 p.m.		FA	PN102	Perioperative Management of Patients With Endocrine Disease: A Global Perspective	Karen Domino M.D. M.PH.	255-257
	3:30-5 p.m.		AM	PN60	Crisis Management in Office-Based Anesthesia	Michael Walsh M.D.	208-210
			CA	PN61	Cerebral Oximetry Monitoring: Does It Affect Neurologic Outcome?	John Murkin M.D.	217-219
			CC	PN62	ACLs for the Anesthesiologist: An Update	Vivek Moitra M.D.	220-222
			AM	PN63	Ambulatory Surgery Airway Challenges	Raafat Hannallah M.D.	225-227
			PI	PN64	Limits of Care: Ethical Issues in the Current Technological Environment	Paul Barash M.D.	228-230
			FA	PN65	Optimization of the High-Risk Surgery Patient in the Era of Enhanced Recovery After Surgery and Perioperative Surgical Home	Maxime Cannesson M.D. Ph.D.	255-257
Monday, Oct. 13	8-9:30 a.m.		OB	PN66	Basic Considerations for the Occasional Obstetric Anesthesiologist	Yaakov (Jake) Beilin M.D.	208-210
	1-2:30 p.m.		CA	PN67	Understanding the Role of Anemia on Patient Outcomes: An Innocent Bystander?	Colleen Koch M.D. M.S. M.B.A.	208-210
			CC	PN68	Quality Improvement in Critical Care	Gregory Botz M.D.	217-219
			PN	PN69	Management of Chronic Pain: A Review of Treatment Modalities	Magdalena Anitescu M.D.	220-222
			NA	PN70	Life-Death Transition	George Mashour M.D. Ph.D.	225-227
			PD	PN71	TIVA for TOTS	Zulfqar Ahmed M.D. F.A.A.P.	228-230

			FA	PN72	Morbid and Ultra Obesity: Growing Challenge in Anesthesiology	Ashish Sinha M.D. Ph.D.	252-254
			FA	PN73	How Do We Decide When Not to Operate? Facing Challenges in Surgical Decision-Making for Older Adults	Mark Neuman M.D. M.Sc.	255-257
	3:30-5 p.m.		AM	PN74	Non-Operating Anesthesia: Techniques	Basavana Goudra M.D. F.R.C.A. FCARCSI	208-210
			CA	PN75	Guidelines for Blood Management - What Do They Tell Us?	C. Mazer M.D.	217-219
			CC	PN76	Optimizing Perioperative Pulmonary Function	Steven Lisco M.D.	220-222
			OB	PN77	What Are They Doing and Why? Obstetrics for the Anesthesiologist	Barbara Scavone M.D.	225-227
			RA	PN78	Regional Anesthesia for Total Shoulder Arthroplasty: Outcomes Complications Techniques and Use in Ambulatory Surgery	Maxim Eckmann M.D.	228-230
			PI	PN79	Physician Impairment: Incidence Identification and Intervention	Keith Berge M.D.	252-254
			RA	PN80	Regional Anesthesia Dilemmas Due to Medical Disease	Steven Clendenen M.D.	255-257
Tuesday, Oct. 14	8-9:30 a.m.		AM	PN81	Pediatric Ambulatory Challenges	Raafat Hannallah M.D.	208-210
			AM	PN82	Management of Patients at Risk of Sleep Apnea in Ambulatory Anesthesia	Matthias Eikermann M.D. Ph.D.	217-219
			FA	PN84	Beyond Smoke and Mirrors: Panel on Surgical Fire Prevention Including Laser Safety	Charles Cowles M.D. M.B.A.	225-227
			PI	PN85	What Is the Role of the Anesthesiologist Asked to Participate in a Procedure He/She Believes Will Not Benefit the Patient?	Nicholas Sadovnikoff M.D. F.C.C.M.	228-230
			PI	PN86	Professionalism - Who Needs It? Why Professionalism Matters No Matter Where You Work	Sandra Curry M.D.	252-254
	10-11:30 a.m.		RA	PN83	Acute Pain Management in the Patient With Opioid Tolerance Dependence or Addiction	David Provenzano M.D.	252-254
			CC	PN87	Fluid Administration During the Perioperative Period: Does It Make a Difference What and How Much You Give?	Matthias Jacob M.D. Ph.D.	208-210
			NA	PN88	Sleeping and Waking Is Hard to Do: Mechanisms of Induction and Emergence From General Anesthesia	Peter Goldstein M.D.	220-222
			PI	PN89	Clean Versus Green: Are Optimized Patient Care and Community Health/Safety Initiatives Mutually Exclusive?	Brian Rothman M.D.	225-227
			FA	PN90	Clinical Pearls: Anesthesia for Adult ENT Surgery	Basem Abdelmalak M.D.	228-230
	1-2:30 p.m.		CC	PN91	The Evolving Goals of the ICU: Critical Care Palliative Care or Patient-Centered Care	Neal Cohen M.D. M.PH. M.S.	217-219
	3:30-5 p.m.		CA	PN92	Perioperative 3D TEE: Innovative Imaging or Just Pretty Pictures?	Stanton Shernan M.D. F.A.H.A. F.A.S.E.	208-210
			FA	PN93	Sugammadex: Are We Finally There? Update on Unmet Medical Need Clinical Use in Europe and Regulatory Progress	Jonathan Jahr M.D.	217-219
			CC	PN94	Optimizing Perioperative Renal Function	Robert Sladen M.B. Ch.B. F.C.C.M.	220-222
			PI	PN95	Responding to Human Errors: The Good the Bad and the Ugly	Robert Lagasse M.D.	225-227

			AM	PN96	Identifying Triage Decisions in Ambulatory Anesthesia: Right Patient Place Technique and Time	Mary Ann Vann M.D.	228-230
Wednesday, Oct. 15	8-9:30 a.m.		AM	PN97	Challenges in Ambulatory Out-of-OR Anesthesia Practice	Radha Arunkumar M.B. B.S. M.D.	208-210
			CC	PN98	FFP: A Critical Appraisal in 2014	Aryeh Shander M.D.	217-219
			FA	PN99	Big Data, Big Opportunity: Anesthesiology 2.0	Mark A. Levin M.D.	220-222
			CA	PN100	Protecting the Lung During Cardiac Surgery: An Interdisciplinary Approach	Eric Nelson D.O.	208-210
120-MINUTE PANEL							
Date	Time		Track	Fee Code	Speaker	Speaker	Location
Saturday, Oct. 11	8-10 a.m.		RA	PN01	Integrating Regional Anesthesia Into the Perioperative Surgical Home	James Hebl M.D.	217-219
			CA	PN02	Practice Guidelines in CV Anesthesia: How Are We Doing as a Specialty?	Martin London M.D.	252-254
	1-3 p.m.		PI	PN03	Setting Up a Perioperative Surgical Home	Zeev Kain M.D. M.B.A.	208-210
			CA	PN04	Perioperative Patient Safety in Cardiovascular Surgery: From Data to Implementation	Nancy Nussmeier M.D.	220-222
			PI	PN05	Whose Guidelines and Practice Parameters Apply to Anesthesiologists?	John Butterworth IV M.D.	225-227
			NA	PN06	Babies Are Not Just Large Rat Pups: Controversies on the Impact of Anesthetics on the Developing Brain	Sulpicio Soriano M.D.	228-230
			PN	PN07	Evidenced Based Chronic Pain Management in Children and Adolescents: Is There Evidence or Is It Bias?	Santhanam Suresh M.D.	252-254
			AM	PN08	Anesthesia and Sedation for MRI: Adapting to Technological Advances and Demands	Keira Mason M.D.	255-257
Sunday, Oct. 12	12:30-2:30 p.m.		PI	PN09	Patients Do the Darndest Things: Tales From the Anesthesia Incident Reporting System	Richard Dutton M.D. M.B.A.	211-213
	1-3 p.m.		CC	PN10	Minimizing Postoperative ICU Complications in a Surgical Home	Trung Vu M.D.	217-219
			FA	PN11	Intravenous Anesthesia Beyond Propofol	Keira Mason M.D.	220-222
			OB	PN12	Perioperative Considerations for Ex Utero Intrapartum Treatment Procedures: Principles Pitfalls and Progress	Mark Rollins M.D. Ph.D.	225-227
			PD	PN13	They Walk Among Us: Anesthesia for Adults With Pediatric Disease	Debra Morrison M.D.	228-230
			RA	PN14	Controversies and Challenges in Perioperative Pain Management	Eugene Viscusi M.D.	252-254
	3-5 p.m.		FA	PN15	Fluid Administration in the Operating : An Update Focusing on Recent Literature	Andrew Leibowitz M.D.	203-205
			RA	PN16	Transversus Abdominis Plane Block Paravertebral Block or Thoracic Epidural: Is There an Ideal Truncal Block?	Steven Clendenen M.D.	211-213
	3:30-5:30 p.m.		FA	PN17	Preoperative Assessment and Management	David Hepner M.D.	252-254
Monday, Oct. 13	8-10 a.m.		CC	PN18	Perioperative Hemodynamic Optimization and Goal Directed Therapy	Jeffery Vender M.D. F.C.C.M.	217-219
			FA	PN19	ACUTE Care Anesthesiology: Strategies for the Management of Trauma Emergencies and Disasters	Maureen McCunn M.D. M.I.P.P.	220-222
			OB	PN20	Maternal Mortality in the Developed World: What Should the Anesthesiologist Know?	Robert D'Angelo M.D.	225-227

			FA	PN21	Neuromuscular Blockade and Reversal	Francois Donati M.D. Ph.D.	228-230
			PN	PN22	Palliative Care and the Anesthesiologist	Mihir Kamdar M.D.	252-254
			PI	PN23	Embracing Quality Improvement: Key Steps You Can Take Today to Improve Yourself Your Department and Your Hospital	David Zvara M.D.	255-257
	12:30-2:30 p.m.		PI	PN24	Milestones: Setting a High Bar or Barely Clearing the Hurdle?	Randall Schell M.D. M.Ed.	203-205
Tuesday, Oct. 14	10 a.m.-12 p.m.		RA	PN25	ASRA Practice Advisories: Review and Update	Terese Horlocker M.D.	217-219
	1-3 p.m.		PI	PN26	The Economics of the Perioperative Surgical Home; We Know Where We Are and Where We Want to Go But How Do We Get There?	Peter Dunbar M.B. Ch.B. M.B.A	208-210
			AM	PN27	Novel Drugs in Ambulatory Practice. How Would They Change Your Practice?	Tong Gan M.D.	220-222
			CA	PN28	Percutaneous Approaches to Aortic and Mitral Pathology	Michael Fitzsimons M.D.	225-227
			PI	PN29	Everything You Need to Know About Lawsuits But Didn't Know Whom to Ask	Aparna Ananth M.D.	228-230
			FA	PN30	Computer-Assisted Personalized Sedation (CAPS) - the Future of Moderate Sedation	Walter Maurer M.D.	252-254
			PD	PN31	Editor's Picks in Pediatric Anesthesiology 2014	Constance Houck M.D.	255-257
	3-5 p.m.		FA	PN32	Creating the Safe Non-Operating Anesthesia (NORA) Experience	Brenda Gentz M.D.	211-213
	3:30-5:30 p.m.		CC	PN33	Anesthesia for the Patient Too Sick for Anesthesia	Daniel Brown M.D. Ph.D.	252-254
Wednesday, Oct. 15	8-10 a.m.		FA	PN34	Aortic Surgery in the 21st Century	Rae Allain M.D.	228-230
			PI	PN35	Grading the Graders - How Do We Get to Better Performance Measures?	Laurent Glance M.D.	252-254
			RA	PN36	Regional Anesthesia Adjuncts: Helpful or Harmful?	Brian Williams M.D. M.B.A.	255-257

CLINICAL FORUM

Date	Time		Track	Fee Code	Speaker	Speaker	Location
Saturday, Oct. 11	1-2:30 p.m.		AM	CF01	Pediatric Ambulatory Anesthesia: Clinical Forum	Lucinda Everett M.D.	206-207
			PN	CF02	Complications in Pain Medicine and Preventive Strategies	Hariharan Shankar M.B. B.S.	211-213
	3:30-5 p.m.		CA	CF03	Circulatory Assist: The Coming Tidal Wave	Roman Snieciński M.D.	206-207
Sunday, Oct. 12	8-9:30 a.m.		FA	CF04	Evidence-Informed Anesthesia for the Severely Obese; Example Obstetrics and Gynecology - Does It Exist ?	Roman Schumann M.D.	206-207
	10-11:30 a.m.		CA	CF05	Adult Congenital Heart Disease (ACHD):Special Considerations for Patients With CHD Surviving Into Adulthood	James DiNardo M.D.	206-207
	1-2:30 p.m.		AM	CF06	Ambulatory Non-Operating Anesthesia (NORA): It Ain't That Simple	Thomas Cutter M.D.	206-207
	3-4:30 p.m.		FA	CF07	A 65-Year-Old Male; Preoperative Evaluation and Management of CAD for Robotic Prostate Surgery	Paul Kempen M.D. Ph.D.	206-207
Monday, Oct. 13	8-9:30 a.m.		RA	CF08	EXPAREL: A Novel Liposomal Extended-Release Bupivacaine Formulation	John Rowlingson M.D.	203-205
			CC	CF09	Critical Care Forum: Challenges and Controversies in Critical Care Anesthesiology	Avery Tung M.D. F.C.C.M.	206-207

	1-2:30 p.m.		PD	CF10	Anesthetic Safety in Newborns Can Be Achieved by Sticking to Little Details	Susan Verghese M.D.	206-207
	3-4:30 p.m.		PI	CF11	What Should You Do When You Don't Think the Patient Should Have Surgery at All?	Nancy Glass M.D. M.B.A.	206-207
Tuesday, Oct. 14	8-9:30 a.m.		PD	CF12	In a Land Far Away From Home ... Remote Anesthetic Care for the Medically Complex Pediatric Patient	Inger Aliason M.D.	206-207
	10-11:30 a.m.		PI	CF13	Controversial Cases in Organ Donation and End-of-Life Care: Terminal Live Organ Donation and the Sale of Human Organs	Richard Wolman M.D. M.A.	206-207
	1-2:30 p.m.		FA	CF14	Dogma and Controversies in Acute and Perioperative Burn Care	Sam Sharar M.D.	206-207
	3-5 p.m.		NA	CF15	You Want to Test What?: Anesthetic Challenges During Functional Neurosurgery	Antoun Koht M.D.	206-207
POINT-COUNTERPOINT							
Date	Time		Track	Fee Code	Speaker	Speaker	Location
Saturday, Oct. 11	8-9:30 a.m.		PI	PC01	Life in the Time of Consolidation: Is Bigger the New Better?	James Grant M.D.	203-205
			CC	PC02	We Give Too Much Fluid in the OR	Ozan Akca M.D., Brian Kavanagh, M.B.	211-213
	1-2:30 p.m.		CC	PC03	Tidal Volumes Donâ€™t Really Matter to the Anesthesiologist	James Blum M.D. Daniel Talmor M.D. Ph.D.	203-205
	3:30-5 p.m.		CC	PC04	Do We Really Need Risk Adjustment to Measure Outcomes?	Avery Tung M.D. Laurent Glance M.D.	203-205
			RA	PC05	Ultrasound-Guided Regional Anesthesia- Pushing the Limits or Over the Edge	Meg Rosenblatt M.D. Anahi Perlas M.D.	211-213
Sunday, Oct. 12	8-9:30 a.m.		PN	PC06	Long-Term Opioid Treatment for Chronic Non-Malignant Pain	Gary Brenner M.D. Ph.D. Rene Przkora M.D. Ph.D.	203-205
			OB	PC07	Combined Spinal-Epidural Labor Analgesia: Forevermore or Nevermore?	Cynthia Wong M.D.	211-213
	10-11:30 a.m.		FA	PC08	Perioperative Colloid Administration - Should it be Abandoned?	Marc Rozner Ph.D. M.D. John Drummond M.D.	211-213
	1-2:30 p.m.		CC	PC09	A Structured Handoff Protocol Improves the Care of Patients Going to the ICU After Surgery	Steven Greenberg M.D. Michael O'Connor, M.D., FCCM	203-205
Monday, Oct. 13	8-9:30 a.m.		CC	PC10	Should We Perform CPR When We Know That It Is Futile?	Neal Cohen M.D. M.PH. M.S.	211-213
	1-2:30 p.m.		FA	PC11	Computer-Assisted Personalized Sedation (CAPS) - Is the Coming Technology of CAPS a Friend or Foe?	Walter Maurer M.D.	211-213
	3-4:30 p.m.		PN	PC12	Should We Discontinue the Use of Opioids for the Treatment of Chronic Pain?	Rafael Miguel M.D. Oscar DeLeon- Casaola M.D.	203-205
			CA	PC13	Current Controversies in Cardiac Anesthesia	Gregory Janelle M.D. F.A.S.E.	211-213
Tuesday, Oct. 14	8-9:30 a.m.		CA	PC14	Volatile Anesthetics for Cardioprotection: Is Preconditioning a Bust?	Stefan De Hert M.D.	203-205
			PI	PC15	Anesthesia Information Management Systems Should Be the Standard of Care for All Patients Receiving an Anesthetic	Joseph Szokol M.D. J.D. M.B.A.	211-213

	10-11:30 a.m.		CC	PC16	Can Post-Operative Delirium Really Be Managed?	Pratik Pandharipande M.D., William Hurford, M.D.	203-205
			RA	PC17	Should I Be Using More Than One Local Anesthetic Additive During Peripheral Nerve Blockade?	Anahi Perlas M.D.	211-213
	1-2:30 p.m.		FA	PC18	Hypotensive Resuscitation	Joshua Tobin M.D.	203-205
			PI	PC19	Simulation in Medical Education: Boon or Boondoggle?	Amanda Burden M.D.	211-213
	3-4:30 p.m.		CC	PC20	Electronic Health Records Improve Patient Safety? or Do They?	David Feinstein M.D.	203-205
PBLD							
Date	Time		Track	Fee Code	Speaker	Speaker	Location
Saturday, Oct. 11	7:15-8:30 a.m.		PI	L001	A High Risk Patient for Low Risk Outpatient Surgery: Is There Value in a Surgical Home for a Patient Going Home?	Jeanna Blitz M.D.	343-345
			NA	L002	Only a Little Sniff of Cocaine; Now an Aneurysm Coiling Headache!	Jess Brallier M.D.	343-345
			PI	L003	Creating a Culture of Professionalism in Your Department	Saundra Curry M.D.	343-345
			CC	L005	Surviving Septic Shock in the Operating and Beyond: What Do the Guidelines Say?	Roman Dudaryk M.D.	343-345
			RA	L006	Numb and Number: Should We Use Regional Anesthesia in Orthopedic Trauma?	Nabil Elkassabany M.D.	343-345
			OB	L007	Just Another Day on Labor and Delivery: Morbid Obesity and Preeclampsia	Regina Fragneto M.D.	343-345
			RA	L008	Nerve Injury/Dysfunction and Peripheral Nerve Blockade: Fact or Fiction	Thomas Halaszynski M.D. M.B.A.	343-345
			AM	L009	Perioperative Anesthetic Issues for Ambulatory Surgery	Dean Jones M.D. FRCPC	343-345
			PN	L010	Worsening Back Pain: To Inject or Not to Inject That Is the Question	Tariq Malik M.D.	343-345
			FA	L011	It's Only a MAC Case and Now My Patient is on FIRE!	Mark Phillips M.D.	343-345
			PD	L012	Application of Pediatric Advanced Life Support for Managing a Patient With a Defibrillator Who Develops an Intraoperative Cardiac Arrest	David Young M.D. M.B.A.	343-345
			OB	L116	Neurologic Complications Following Epidural Placement - How to Differentiate and Manage?	Kelly Elterman M.D. David Hepner M.D.	343-345
			FA	L157	The Unanticipated Difficult Airway: A Dynamic and Dangerous Scenario	Lavinia Kolarczyk M.D.	343-345
	9-10:15 a.m.		PI	L013	Infection Prevention for the Anesthesia Professional: What is the Least I Should Know and How Do I Apply It to My Practice?	Richard Beers M.D.	343-345
			FA	L014	Management of Antiplatelet Therapy in Patients With Coronary Stents for Noncardiac Surgery	Davide Cattano M.D. Ph.D.	343-345
			RA	L015	Nerve Injury After Peripheral Nerve Blockade: Best Practices and Medical-Legal Protection Strategies	H. David Hardman M.D. M.B.A.	343-345
			PD	L016	Trials and Tribulations: Interventional Management for Recurrent Complex Regional Pain Syndrome in Children	Stephen Hays M.D.	343-345
			FA	L017	Perioperative Laboratory and Cardiac Testing: What Is Necessary?	David Hepner M.D.	343-345

			PI	L018	To Coerce or Not to Coerce: What Are the Questions?	Norma Klein M.D.	343-345
			FA	L019	I Swear It Will Only Take 15 Minutes: Anesthesia/Sedation for TEE/ Cardioversion	Julia Metzner M.D.	343-345
			OB	L020	Placenta Percreta: Preparation and Management	Cathleen Peterson-Layne M.D. Ph.D.	343-345
			AM	L021	It's Just a Cataract: How a Simple Thing Can Go Bad	Michael Pilla M.D.	343-345
			FA	L022	Perioperative Management of the Anemic Patient	Russell Roberson M.D.	343-345
			RA	L023	Analgesic Options for a 68-Year-Old Man With Multiple Rib Fractures	Mark Leibel M.D. Kristopher Schroeder M.D.	343-345
			PD	L024	Tonsillectomy and Adenoidectomy in a Child With Down Syndrome More to It Than You Think!	Catherine Seipel M.D.	343-345
	12:30-1:45 p.m.		PD	L004	When It Rains It Pours; Large AVM Heart Failure Pulmonary HTN and Now There Is V-tach!	Christina Diaz M.D.	343-345
			NA	L025	Delayed Emergence After Craniotomy- No Delays Accepted	Rafi Avitsian M.D.	343-345
			CA	L026	Carotid Endarterectomy: Asleep Versus Awake	Jeffrey Dobyons D.O.	343-345
			CC	L027	Elderly Man; Going into Shock; Needs Fluids Now!	Elizabeth Frost M.B. Ch.B.	343-345
			FA	L028	A Patient With a Temperature of 102.5 F and Rigors 3 Hours After Surgery	Theresa Gelzinis M.D.	343-345
			OB	L029	Labor Analgesia and Postpartum Tubal Ligation in a Patient with a History of Spinal Instrumentation	Michael Hofkamp M.D.	343-345
			NA	L030	My Ulnar Neuropathy Has Resolved. Now I Have to Go for Spine Surgery in the Prone Surrender Position	Ihab Kamel M.D.	343-345
			PD	L031	Why Does My Patient Scheduled for Endoscopic Sinus Surgery Have Severe Groin Pain?	Kirk Lalwani M.D. Christine Martin M.D.	343-345
			AM	L032	PONV PDNV and Long QT Syndrome: Balancing Risk and Benefit	Anuj Malhotra M.D.	343-345
			PI	L033	Burned Out Anesthesiologist: Practice Competence and Colleagues	Sergey Pisklakov M.D.	343-345
			FA	L034	My Patients Never Have Residual Paralysis in the PACU, or Do They?	Stephan Thilen M.D. M.S.	343-345
			PI	L035	Anesthetic Options for Patients Undergoing Dialysis Access Procedures	Derek Woodrum M.D.	343-345
	3:30-4:45 p.m.		FA	L036	Anesthetic Management of a Patient With Penetrating Chest Trauma	Charles Smith M.D.	343-345
			RA	L037	Postoperative Ulnar Neuropathy - Could I Have Done Something to Prevent It?	Sanjay Bhananker M.B. B.S.	343-345
			AM	L038	Is Ambulatory Shoulder Surgery Safe in a Patient With Obstructive Sleep Apnea?	Christopher Canlas M.D.	343-345
			PD	L039	Wake Up Your Surgery Is Not Over	Prabhakar Devavaram M.B. B.S.	343-345
			NA	L040	Ah! I Can't Bear It! This Is the Worst Headache of My Life!	Stanlies D'Souza M.D. F.R.C.A	343-345
			PD	L041	I Passed Gas in the Operating . Are Volatile Agents Really Silent and Deadly to Patients With Muscular Dystrophy?	Matthew Green M.D.	343-345
			CA	L042	I Thought Three Pump Runs Were Bad but This Pulmonary Edema is Even Worse! What is Going On?	Marcellene Franzen M.D. Lindsey Loveland-Baptist M.D.	343-345

			OB	L043	Anesthesia for an Hypoplastic Left Heart Syndrome Parturient	David Mann M.D.	343-345
			OB	L044	Anesthetic Management of Cesarean Delivery for a Parturient With Previous Myocardial Infarction and Coronary Artery Stents	Daria Moaveni M.D.	343-345
			FA	L045	Blood IS Thicker Than Water: Anesthetic Concerns of Hypercoagulability	Gregory Rose M.D.	343-345
			FA	L046	Prevention and Management of Intraoperative Awareness in High Risk Patients	Kathleen Smith M.D.	343-345
			PI	L047	Hold My Compass: Tools and Tips So That YOU Don't Get Lost in the EP Lab	Mark Weiss M.D.	343-345
Sunday, Oct. 12	7:15-8:30 a.m.		OB	L048	Cesarean Delivery in a Patient With Hypertrophic Obstructive Cardiomyopathy	Jaime Aaronson M.D. Stephanie Goodman M.D.	343-345
			NA	L049	Delayed Emergence After Craniotomy- No Delays Accepted	Rafi Avitsian M.D.	343-345
			RA	L050	Perioperative Management of the Patient on Anticoagulant Therapy: A Fresh Look at an Old Problem	Richard Beers M.D.	343-345
			FA	L051	Beyond Swiss Cheese - Cases for the Anesthesia Patient Safety Officer	Jonathan Cohen M.D.	343-345
			FA	L052	A Patient With a Temperature of 102.5 F and Rigors 3 hours after Surgery	Theresa Gelzinis M.D.	343-345
			RA	L053	Antifibrinolytic Use in Major Orthopedic Procedures: What's the Bloody Controversy?	Yan Lai M.D. M.PH.	343-345
			CA	L054	I Thought Three Pump Runs Were Bad but This Pulmonary Edema is Even Worse! What is Going On?	Lindsey Loveland-Baptist M.D. Marcellene Franzen M.D.	343-345
			NA	L055	Deep Brain Stimulation for Parkinson's Disease: What Is the Role of the Anesthesiologist?	Julia Metzner M.D.	343-345
			AM	L056	It's Just a Cataract: How a Simple Thing Can Go Bad	Michael Pilla M.D.	343-345
			PI	L057	Burned Out Anesthesiologist: Practice Competence and Colleagues	Sergey Pisklakov M.D.	343-345
			PI	L058	The Impaired Anesthesiologist: More Than Just Drugs and Alcohol	Gregory Rose M.D.	343-345
			PI	L060	Anesthetic Options for Patients Undergoing Dialysis Access Procedures	Derek Woodrum M.D.	343-345
	9-10:15 a.m.		FA	L061	Anesthetic Management of a Patient With Penetrating Chest Trauma	Charles Smith M.D.	343-345
			CC	L062	Surviving Septic Shock in the Operating and Beyond: What Do the Guidelines Say?	Roman Dudaryk M.D.	343-345
			OB	L063	Just Another Day on Labor and Delivery: Morbid Obesity and Preeclampsia	Regina Fragneto M.D.	343-345
			NA	L064	Just Another Subarachnoid Hemorrhage? Or Am I Really Up-to-date on What to Do?	Eduardo Galeano M.D.	343-345
			PD	L065	I Passed Gas in the Operating . Are Volatile Agents Really Silent and Deadly to Patients With Muscular Dystrophy?	Matthew Green M.D.	343-345
			RA	L066	Nerve Injury/Dysfunction and Peripheral Nerve Blockade: Fact or Fiction	Thomas Halaszynski M.D. M.B.A.	343-345
			OB	L067	Labor Analgesia and Postpartum Tubal Ligation in a Patient With a History of Spinal Instrumentation	Michael Hofkamp M.D.	343-345
			CA	L068	Patient With a Failing Fontan for Emergency Exploratory Laparotomy	Galina Leyvi M.D.	343-345

			FA	L069	Prevention and Management of Intraoperative Awareness in High Risk Patients	Kathleen Smith M.D.	343-345
			FA	L070	Airway Management of a Patient With Penetrating Neck Injury	Albert Varon M.D.	343-345
			PI	L071	Anesthesiologists and Terminal Live Organ Donation: You Want Me to Do What?	Richard Wolman M.D.	343-345
			PD	L072	Application of Pediatric Advanced Life Support for Managing a Patient With a Defibrillator Who Develops an Intraoperative Cardiac Arrest	David Young M.D. M.B.A.	343-345
	12:30-1:45 p.m.		PI	L073	Do You Want to Present a PBLD at the 2015 ASA Meeting? This PBLD Session Could Help You	Sanjay Bhananker M.B.B.S.	343-345
			NA	L074	Ah! I Can't Bear It! This Is the Worst Headache of My Life!	Stanlies D'Souza M.D. F.R.C.A	343-345
			PN	L075	Opioid-Induced Hyperalgesia Tolerance and Chronic Postsurgical Pain: a Dilemma Complicating Postoperative Pain Management	Dalia Elmofly M.D.	343-345
			RA	L076	Nerve Injury After Peripheral Nerve Blockade: Best Practices and Medical-Legal Protection Strategies	H. David Hardman M.D. M.B.A.	343-345
			PI	L077	To Coerce or Not to Coerce: What Are the Questions?	Norma Klein M.D.	343-345
			OB	L078	Anesthesia for an Hypoplastic Left Heart Syndrome Parturient	David Mann M.D.	343-345
			OB	L079	Anesthetic Management of Cesarean Delivery for a Parturient With Previous Myocardial Infarction and Coronary Artery Stents	Daria Moaveni M.D.	343-345
			FA	L080	It's Only a MAC Case and Now My Patient is on FIRE!	Mark Phillips M.D.	343-345
			OB	L081	Critical Management of a Parturient With Influenza Progressing to ARDS	Vernon Ross M.D.	343-345
			RA	L082	Analgesic Options for a 68-Year-Old Man with Multiple Rib Fractures	Mark Leibel M.D. Kristopher Schroeder M.D.	343-345
			PI	L083	Hold My Compass: Tools and Tips So That YOU Don't Get Lost in the EP Lab	Mark Weiss M.D.	343-345
			CC	L084	Management of Acute Pulmonary Embolism: Anticipating and Responding to Complexity	Ahmed Zaky M.D.	343-345
	3:30-4:45 p.m.		PI	L059	When the Patient Just Says No	Sarah Smith M.D.	343-345
			PI	L085	A High Risk Patient for Low Risk Outpatient Surgery: Is There Value in a Surgical Home for a Patient Going Home?	Jeanna Blitz M.D.	343-345
			NA	L086	Only a Little Sniff of Cocaine; Now an Aneurysm Coiling Headache!	Jess Brallier M.D.	343-345
			CC	L087	Transfusion Goals and Hemostatic Management of the Anticoagulated Trauma Patient: Can You Plug a Hole in the Dam?	Louanne Carabini M.D.	343-345
			RA	L088	This Epidural Catheter Is Not Working Well. What Should I Do?	Miguel Cruz M.D.	343-345
			CC	L089	Elderly Man; Going into Shock; Needs Fluids Now!.	Elizabeth Frost M.B. Ch.B.	343-345
			AM	L090	It's Just a Quick EGD in the Office...but Can I Safely Anesthetize My Patient Here?	Jeena Jacob M.D.	343-345
			PD	L091	Why Does My Patient Scheduled for Endoscopic Sinus Surgery Have Severe Groin Pain?	Kirk Lalwani M.D. Christine Martin M.D.	343-345

			RA	L092	Thoracic Epidural Analgesia in the Recently Anticoagulated Patient: Is This a Good Idea?	Anuj Malhotra M.D.	343-345
			PN	L093	Worsening Back Pain: To Inject or Not to Inject That Is the Question	Tariq Malik M.D.	343-345
			OB	L094	Anesthetic Considerations for the Jehovah's Witness Patient Undergoing Trial of Labor After Cesarean Delivery (TOLAC)	Chawla LaToya Mason M.D.	343-345
			OB	L095	Placenta Percreta: Preparation and Management	Cathleen Peterson-Layne M.D. Ph.D.	343-345
			PD	L096	Tonsillectomy and Adenoidectomy in a Child With Down Syndrome More to It Than You Think!	Catherine Seipel M.D.	343-345
Monday, Oct. 13	7:15-8:30 a.m.		FA	L097	Help - My Patient Is on a Multi-Chemotherapeutic Regimen and Is Coming for a Laparotomy! What Do I Need to Know?	Anoushka Afonso M.D.	343-345
			CA	L098	Carotid Endarterectomy: Asleep Versus Awake	Jeffrey Dobyons D.O.	343-345
			PI	L100	Giving Feedback: How to Support the Defensive Learner	Yulia Ivashkov M.D.	343-345
			NA	L101	My Ulnar Neuropathy Has Resolved. Now I Have to Go for Spine Surgery in the Prone Surrender Position	Ihab Kamel M.D.	343-345
			FA	L102	Malignant Hyperthermia in a Child Having a Tethered Cord Release	Tae Kim M.D.	343-345
			OB	L104	She was Advised Not to Get Pregnant and She Did: Pulmonary Hypertension and Pregnancy	Tanya Lucas M.D.	343-345
			AM	L105	PONV PDNV and Long QT Syndrome: Balancing Risk and Benefit	Anuj Malhotra M.D.	343-345
			PD	L106	A Child With Mitochondrial Disease and Propofol Allergy Who May be Susceptible to Malignant Hyperthermia	Jayant Pratap M.B. B.Ch.	343-345
			RA	L107	A 40-Year-Old Woman With Multiple Sclerosis Consulting for Postoperative Epidural Following Laparoscopic Converted to Open Colectomy	John Shepler M.D. Kristopher Schroeder M.D.	343-345
			FA	L108	Airway Management of a Patient With Penetrating Neck Injury	Albert Varon M.D.	343-345
			CC	L109	Management of Acute Pulmonary Embolism: Anticipating and Responding to Complexity	Ahmed Zaky M.D.	343-345
			NA	L133	Awake Craniotomy in a Patient With Obstructive Sleep Apnea	Karl Willmann M.D.	343-345
			PD	L140	When It Rains It Pours; Large AVM Heart Failure Pulmonary HTN and Now There Is V-tach!	Christina Diaz M.D.	343-345
	9-10:15 a.m.		FA	L110	Trauma Induced Coagulopathy	Maged Andrews M.B. B.Ch.	343-345
			NA	L111	Crisis in the Neuro-Muscular Junction: Anesthetic Implications	Cristina Barboi M.D.	343-345
			AM	L112	Is Ambulatory Shoulder Surgery Safe in a Patient With Obstructive Sleep Apnea?	Christopher Canlas M.D.	343-345
			RA	L113	This Epidural Catheter Is Not Working Well. What Should I Do?	Miguel Cruz M.D.	343-345
			RA	L114	Numb and Number: Should We Use Regional Anesthesia in Orthopedic Trauma?	Nabil Elkassabany M.D.	343-345
			PN	L115	Opioid-Induced Hyperalgesia Tolerance and Chronic Postsurgical Pain: A Dilemma Complicating Postoperative Pain Management	Dalia Elmofty M.D.	343-345

			CC	L117	Management of Severe ARDS in the ICU With ECMO	Jacob Gutsche M.D.	343-345
			FA	L118	A Patient With End-Stage Liver Disease for Elective Surgery	Christopher Darling D.O. Michael Hannaman M.D.	343-345
			PI	L119	My Patient With a DNR Order Arrested in the OR! Now What?!	Juliann Hobbs M.D. M.PH.	343-345
			PI	L120	When the Patient Just Says No	Sarah Smith M.D.	343-345
			PD	L121	It Is Just a Nosebleed Isn't It? Anesthetic Considerations for Unsuspected Pulmonary Hypertension	Shu Ming Wang M.D.	343-345
			FA	L122	Oh No! Both Arteries in My Neck Are Blocked! Now What?	Stanlies D'Souza M.D. F.R.C.A	343-345
	12:30-1:45 p.m.		PI	L103	How to Create and Moderate a Great Problem - Based Learning Discussion (PBLD)	Kirk Lalwani M.D. F.R.C.A	343-345
			PD	L123	Cardiovascular Collapse During Thoracoscopic Tracheoesophageal Fistula Repair	Kimberly Blasius M.D.	343-345
			PI	L124	Do You Want to Present a PBLD at the 2015 ASA Meeting? This PBLD Session Could Help You	Sanjay Bhananker M.D. F.R.C.A	343-345
			FA	L125	Can the Adult Patient With Morbid Obesity and Obstructive Sleep Apnea Safely Undergo Outpatient Surgery?	Kenneth Hiller M.D.	343-345
			PI	L126	How Not to End Up on the Nightly News: Safe Injection Practices	Vilma Joseph M.D.	343-345
			FA	L127	The Unanticipated Difficult Airway: A Dynamic and Dangerous Scenario	Lavinia Kolarczyk M.D.	343-345
			OB	L128	A Parturient With Scoliosis and Harrington Rods	Allison Lee M.D.	343-345
			OB	L129	Anesthetic Considerations for the Jehovah's Witness Patient Undergoing Trial of Labor After Cesarean Delivery (TOLAC)	Chawla LaToya Mason M.D.	343-345
			FA	L130	I Swear It Will Only Take 15 Minutes: Anesthesia/Sedation for TEE/ Cardioversion	Julia Metzner M.D.	343-345
			FA	L131	Blood IS Thicker Than Water: Anesthetic Concerns of Hypercoagulability	Gregory Rose M.D.	343-345
			AM	L132	A Slip and Fall in the Post Warfarin Era	Mercy Udoji M.D.	343-345
			PI	L134	Anesthesiologists and Terminal Live Organ Donation: You Want Me to Do What?	Richard Wolman M.D.	343-345
			PD	L135	Using Advanced Trauma Life Support to Manage a Pediatric Trauma Patient With Traumatic Brain Injury and Disclosure of Difficult News After a Poor Outcome	David Young M.D. M.B.A.	343-345
	3:30-4:45 p.m.		CA	L136	Descending Thoracic Aortic Repair - Spinal Cord Protection Strategies	Harendra Arora M.D.	343-345
			NA	L137	An Acute Ischemic Stroke Coming to Your Neuroangiography Suite	Rafi Avitsian M.D.	343-345
			PI	L138	Infection Prevention for the Anesthesia Professional: What is the Least I Should Know and How Do I Apply It to My Practice?	Richard Beers M.D.	343-345
			PI	L139	Creating a Culture of Professionalism in Your Department	Sandra Curry M.D.	343-345
			CC	L141	Management of Co-Intoxications in the ICU Patient	Robert Gould M.D.	343-345
			AM	L142	Perioperative Anesthetic Issues for Ambulatory Surgery	Dean Jones M.D. FRCP	343-345
			RA	L143	Tough Choices: Regional or General Anesthesia in a Very Elderly Patient	Jason Lane M.D. M.PH.	343-345

			PI	L144	He's 15 Needs This Operation and He's DNR!	David Mann M.D.	343-345
			NA	L145	Deep Brain Stimulation for Parkinson's Disease: What Is the Role of the Anesthesiologist?	Julia Metzner M.D.	343-345
			FA	L146	Cardiopulmonary Collapse During Laparoscopic Nissen Fundoplication	Govind Rajan M.D.	343-345
			OB	L147	Critical Management of a Parturient With Influenza Progressing to ARDS	Vernon Ross M.D.	343-345
			OB	L148	A Parturient Presenting in Premature Labor With Single-Ventricle Physiology Complicated by Breech Presentation and Paroxysmal Supraventricular Tachycardia: What's Your Labor Management Plan?	Manuel Vallejo M.D.	343-345
			OB	L187	Neurologic Complications Following Epidural Placement - How to Differentiate and Manage?	Kelly Elterman M.D. David Hepner M.D.	343-345
Tuesday, Oct. 14	7:15-8:30 a.m.		FA	L149	Trauma Induced Coagulopathy	Maged Andrews M.B. B.Ch.	343-345
			NA	L150	An Acute Ischemic Stroke Coming to Your Neuroangiography Suite	Rafi Avitsian M.D.	343-345
			RA	L151	Postoperative Ulnar Neuropathy - Could I Have Done Something to Prevent It?	Sanjay Bhananker M.D. F.R.C.A	343-345
			CC	L152	Transfusion Goals and Hemostatic Management of the Anticoagulated Trauma Patient: Can You Plug a Hole in the Dam?	Louanne Carabini M.D.	343-345
			FA	L153	Oh No! Both Arteries in My Neck Are Blocked! Now What?	Stanlies D'Souza M.D. F.R.C.A	343-345
			CC	L154	Management of Co-Intoxications in the ICU Patient	Robert Gould M.D.	343-345
			PI	L155	My Patient With a DNR Order Arrested in the OR! Now What?!	Juliann Hobbs M.D. M.PH.	343-345
			AM	L156	It's Just a Quick EGD in the Office...but Can I Safely Anesthetize My Patient Here?	Jeena Jacob M.D.	343-345
			OB	L158	A Parturient With Scoliosis and Harrington Rods	Allison Lee M.D.	343-345
			FA	L159	My Patients Never Have Residual Paralysis in the PACU, or Do They?	Stephan Thilen M.D. M.S.	343-345
			NA	L160	Awake Craniotomy in a Patient With Obstructive Sleep Apnea	Karl Willmann M.D.	343-345
	9-10:15 a.m.		CA	L161	Descending Thoracic Aortic Repair - Spinal Cord Protection Strategies	Harendra Arora M.D.	343-345
			FA	L162	Beyond Swiss Cheese - Cases for the Anesthesia Patient Safety Officer	Jonathan Cohen M.D.	343-345
			PD	L163	Wake Up Your Surgery Is Not Over	Prabhakar Devavaram M.B. B.S.	343-345
			CC	L164	Management of Severe ARDS in the ICU With ECMO	Jacob Gutsche M.D.	343-345
			FA	L165	Malignant Hyperthermia in a Child Having a Tethered Cord Release	Tae Kim M.D.	343-345
			RA	L166	Antifibrinolytic Use in Major Orthopedic Procedures: What's the Bloody Controversy?	Yan Lai M.D. M.PH.	343-345
			OB	L167	She was Advised Not to Get Pregnant and She Did: Pulmonary Hypertension and Pregnancy	Tanya Lucas M.D.	343-345
			RA	L168	Thoracic Epidural Analgesia in the Recently Anticoagulated Patient: Is This a Good Idea?	Anuj Malhotra M.D.	343-345
			FA	L169	Cardiopulmonary Collapse During Laparoscopic Nissen Fundoplication	Govind Rajan M.D.	343-345

			PI	L170	The Impaired Anesthesiologist: More Than Just Drugs and Alcohol	Gregory Rose M.D.	343-345
			AM	L171	A Slip and Fall in the Post Warfarin Era	Mercy Udoji M.D.	343-345
			OB	L172	A Parturient Presenting in Premature Labor With Single-Ventricle Physiology Complicated by Breech Presentation and Paroxysmal Supraventricular Tachycardia: What's Your Labor Management Plan?	Manuel Vallejo M.D.	343-345
	12:30-1:45 p.m.		OB	L173	Cesarean Delivery in a Patient With Hypertrophic Obstructive Cardiomyopathy	Jaime Aaronson M.D. Stephanie Goodman M.D.	343-345
			FA	L099	Perioperative Laboratory and Cardiac Testing: What is Necessary?	David Hepner M.D.	343-345
			RA	L174	Perioperative Management of the Patient on Anticoagulant Therapy: A Fresh Look at an Old Problem	Richard Beers M.D.	343-345
			FA	L175	Management of Antiplatelet Therapy in Patients With Coronary Stents for Noncardiac Surgery	Davide Cattano M.D. Ph.D.	343-345
			NA	L176	Just Another Subarachnoid Hemorrhage? Or Am I Really Up-to-date on What to Do?	Eduardo Galeano M.D.	343-345
			PD	L177	Trials and Tribulations: Interventional Management for Recurrent Complex Regional Pain Syndrome in Children	Stephen Hays M.D.	343-345
			PI	L178	How to Create and Moderate a Great Problem - Based Learning Discussion (PBLD)	Kirk Lalwani M.D. F.R.C.A	343-345
			RA	L179	Tough Choices: Regional or General Anesthesia in a Very Elderly Patient	Jason Lane M.D. M.PH.	343-345
			CA	L180	Patient With a Failing Fontan for Emergency Exploratory Laparotomy	Galina Leyvi M.D.	343-345
			PI	L181	He's 15 Needs This Operation and He's DNR!	David Mann M.D.	343-345
			PD	L182	A Child With Mitochondrial Disease and Propofol Allergy Who May be Susceptible to Malignant Hyperthermia	Jayant Pratap M.B. B.Ch.	343-345
			FA	L183	Perioperative Management of the Anemic Patient	Russell Roberson M.D.	343-345
	3:30-4:45 p.m.		FA	L184	Help - My Patient Is on a Multi-Chemotherapeutic Regimen and Is Coming for a Laparotomy! What Do I Need to Know?	Anoushka Afonso M.D.	343-345
			PD	L185	Cardiovascular Collapse During Thoracoscopic Tracheoesophageal Fistula Repair	Kimberly Blasius M.D.	343-345
			NA	L186	Crisis in the Neuro-Muscular Junction: Anesthetic Implications	Cristina Barboi M.D.	343-345
			FA	L188	A Patient With End-Stage Liver Disease for Elective Surgery	Christopher Darling D.O. Michael Hannaman M.D.	343-345
			FA	L189	Can the Adult Patient With Morbid Obesity and Obstructive Sleep Apnea Safely Undergo Outpatient Surgery?	Kenneth Hiller M.D.	343-345
			PI	L190	Giving Feedback: How to Support the Defensive Learner	Yulia Ivashkov M.D.	343-345
			PI	L191	How Not to End Up on the Nightly News: Safe Injection Practices	Vilma Joseph M.D.	343-345
			RA	L192	A 40-Year -Old Woman With Multiple Sclerosis Consulting for Postoperative Epidural Following Laparoscopic Converted to Open Colectomy	John Shepler M.D. Kristopher Schroeder M.D.	343-345

			PD	L193	It Is Just a Nosebleed Isn't It? Anesthetic Considerations for Unsuspected Pulmonary Hypertension	Shu Ming Wang M.D.	343-345
			PD	L194	Using Advanced Trauma Life Support to Manage a Pediatric Trauma Patient With Traumatic Brain Injury and Disclosure of Difficult News After a Poor Outcome	David Young M.D. M.B.A.	343-345
CADAVER WORKSHOPS							
Date	Time		Track	Fee Code	Speaker	Speaker	Location
Saturday, Oct. 11	8 a.m.-12 p.m.		PN	CA01	Spinal Injections With Fluoroscopy-Cadaver: Basic Techniques	Maunak Rana M.D.	271-273
	1-5 p.m.		PN	CA02	Spinal Injections With Fluoroscopy-Cadaver: Advanced Techniques(Cervical/Thoracic)	Timothy Lubenow M.D.	271-273
Sunday, Oct. 12	8 a.m.-12 p.m.		PN	CA03	Introduction to Ultrasound and Fluoroscopic-Guided Techniques for Chronic Pain Management: Live Models and Cadavers	David Provenzano M.D.	271-273
			PN	CA04	Head and Neck Blocks (Ultrasound and Fluoroscopy)-Cadaver and Live Models	Miles Day M.D.	275-277
	1-5 p.m.		PN	CA05	Radiofrequency Ablation of the Spine, Sacrum, and LuM.B.A.r Disc	Maxim Eckmann M.D.	275-277
Monday, Oct. 13	1-5 p.m.		RA	CA06	Comprehensive Anatomy-Live Model Ultrasound for Regional Anesthesia	Carlo Franco M.D. Xavier Sala-Blanch M.D.	271-273
HANDS-ON WORKSHOP							
Date	Time		Track	Fee Code	Speaker	Speaker	Location
Saturday, Oct. 11	8-10:30 a.m.		FA	DW01	Basic/Advanced Flexible Fiberoptic Intubation Workshop	Katherine Gil M.D.	353-355
	8-11 a.m.		FA	802	Workshop on Emergency Surgical Airway Management Using a Pig Trachea Model	William Rosenblatt M.D.	278-279
			PN	804	Acupuncture Workshop	Yuan-Chi Lin M.D.	333-334
			PD	806	Advanced Ultrasound Guided Pediatric Regional Anesthesia Workshop	Amod Sawardekar M.D.	338-339
			RA	807A	Ultrasound-Guided Regional Anesthesia and Clinical Skills Workshop: Introduction to UGRA for Beginners	Adam Jacob M.D.	346-347
	8:00 a.m.-12 p.m.		PN	801	Ultrasound Guided Injections-Live Models: Basic Techniques	Hariharan Shankar M.B.	275-277
	9-10:15 a.m.		FA	AW01	Workshop on Flexible Endoscopy for Lung Isolation	Scott Schartel D.O. William Simmons M.D.	356-357
	10:30 a.m.-1 p.m.		FA	DW02	Basic/Advanced Flexible Fiberoptic Intubation Workshop	Katherine Gil M.D.	353-355
	10:30-11:45 a.m.		FA	AW02	Workshop on Flexible Endoscopy for Lung Isolation	Scott Schartel D.O. William Simmons M.D.	356-357
	12-1:15 p.m.		FA	AW03	Workshop on Flexible Endoscopy for Lung Isolation	Scott Schartel D.O. William Simmons M.D.	356-357
	1-4 p.m.		CA	809	Pacemakers and ICDs	Aman Mahajan M.D. Ph.D.	278-279
			AM	810	Must Know Blocks for Ambulatory Anesthesia	David Auyong M.D.	265-268
			RA	807B	Ultrasound-Guided Regional Anesthesia and Clinical Skills Workshop: Introduction to UGRA for Beginners	Adam Jacob M.D.	346-347
	1-5 p.m.		PN	808	Ultrasound Guided Injections- Live Models: Advanced Techniques	Philip Peng M.B.B.S.	275-277

	1:30-2:45 p.m.		FA	AW04	Workshop on Flexible Endoscopy for Lung Isolation	Scott Schartel D.O. William Simmons M.D.	356-357
	2:30-5 p.m.		FA	DW03	Basic/Advanced Flexible Fiberoptic Intubation Workshop	Katherine Gil M.D	353-355
	3-4:15 p.m.		FA	AW05	Workshop on Flexible Endoscopy for Lung Isolation	Scott Schartel D.O. William Simmons M.D.	356-357
Sunday, Oct. 12	8-10:30 a.m.		FA	DW04	Basic/Advanced Flexible Fiberoptic Intubation Workshop	Katherine Gil M.D	353-355
	8-11 a.m.		PD	812	Pediatric Airway Workshop	Narasimhan Jagannathan M.D.	346-347
	8 a.m.-4 p.m.		CA	815	Basic TEE Workshop	Sasha Shillcutt M.D.	338-339
	9-10:15 a.m.		FA	AW06	Workshop on Flexible Endoscopy for Lung Isolation	Scott Schartel D.O., William Simmons, M.D.	356-357
	10:30 a.m.-1 p.m.		FA	DW05	Basic/Advanced Flexible Fiberoptic Intubation Workshop	Katherine Gil M.D	353-355
	10:30-11:45 a.m.		FA	AW07	Workshop on Flexible Endoscopy for Lung Isolation	Scott Schartel D.O. William Simmons M.D.	356-357
	12-1:15 p.m.		FA	AW08	Workshop on Flexible Endoscopy for Lung Isolation	Scott Schartel D.O., William Simmons, M.D.	356-357
	1-4 p.m.		FA	817	Awake Fiberoptic Intubation: A Streamlined Approach With Nerve Blocks	Scott Miller M.D.	348-349
			PD	823	Perioperative Pediatric Advanced Life Support Simulation	Scott Watkins M.D.	281
	1-5 p.m.		PN	814	Ultrasound Guided Musculoskeletal Injections- Live Models: Beyond Corticosteroids	James Modir M.D.	271-273
	1:30-2:45 p.m.		FA	AW09	Workshop on Flexible Endoscopy for Lung Isolation	Scott Schartel D.O., William Simmons, M.D.	356-357
	2:30-5 p.m.		FA	DW06	Basic/Advanced Flexible Fiberoptic Intubation Workshop	Katherine Gil M.D	353-355
	3-4:15 p.m.		FA	AW10	Workshop on Flexible Endoscopy for Lung Isolation	Scott Schartel D.O., William Simmons, M.D.	356-357
Monday, Oct. 13	8-11 a.m.		AM	820	Ophthalmic Regional Anesthesia	Marc Feldman M.D. MHS	333-334
			CA	822	Intermediate Transesophageal Echocardiography (TEE)	James Abernathy M.D. M.PH.	338-339
			CC	825	Critical Care Ultrasonography for the Perioperative Physician	Steven Venticinque M.D.	356-357
			FA	824A	Difficult Airway Workshop With Simulation	Elizabeth Behringer M.D. Joseph Quinlan M.D.	353-355
	8-11:30 a.m.		CC	819A	Perioperative ACLS Simulation Workshop	Matthew McEvoy M.D.	281
	1-4 p.m.		FA	826	Wire-Guided Airway Management	Richard Galgon M.D. M.S.	333-334
			CA	827	Advanced TEE Workshop	Sajid Shahul M.D. MPH	338-339
			FA	824B	Difficult Airway Workshop With Simulation	Elizabeth Behringer M.D. Joseph Quinlan M.D.	353-355

			RA	828A	Peripheral Nerve Blocks: Ultrasound Simulation and Stimulation	Andrew Rosenberg M.D.	352
	1-4:30 p.m.		CC	819B	Perioperative ACLS Simulation Workshop	Matthew McEvoy M.D.	278
Tuesday, Oct. 14	8-11 a.m.		PD	832	Point of Care: Novel Use of Ultrasonography in Everyday Pediatric Anesthesia Practice	Santhanam Suresh M.D.	353-354
			RA	828B	Peripheral Nerve Blocks: Ultrasound Simulation and Stimulation	Andrew Rosenberg M.D.	352
			FA	831A	The Use of Ultrasound for Vascular Access in Adults and Pediatrics	Ehab Farag M.D. F.R.C.A.	338-339
			CA	833A	Thoracic Anesthesia Workshop	Edmond Cohen M.D.	356-357
			CC	830A	Perioperative ACLS Simulation Workshop	Matthew McEvoy M.D.	281
	1-4 p.m.		RA	828C	Peripheral Nerve Blocks: Ultrasound Simulation and Stimulation	Andrew Rosenberg M.D.	352
			FA	831B	The Use of Ultrasound for Vascular Access in Adults and Pediatrics	Ehab Farag M.D. F.R.C.A.	338-339
			CA	833B	Thoracic Anesthesia Workshop	Edmond Cohen M.D.	356-357
	1-4:30 p.m.		CC	830B	Perioperative ACLS Simulation Workshop	Matthew McEvoy M.D.	281

SEMINAR

Date	Time		Track	Fee Code	Speaker	Speaker	Location
Saturday, Oct. 11	8-11 a.m.		PI	803	Mastering Perioperative Stress and Burnout: Exploring Methods of Essential Mind-Fitness Developing Resilience at Work	Kenneth Sapire M.D.	281-282
			FA	805	Statistics for Anesthesiologists	Jeffrey Gross M.D. Keith Gibson M.D. Ph.D.	335-336
	2-4 p.m.		PN	811	Spinal Imaging for the Pain Medicine Physician	Wyndam Strodtbeck M.D.	338-339
Sunday, Oct. 12	8-11 a.m.		CC	813	Perioperative Resuscitation - What's New?	Steven Robicsek M.D. Ph.D.	348-349
	1-4 p.m.		PN	816	Physical Exam Workshop for Pain Physicians	Brian Starr M.D.	346-347
Monday, Oct. 13	8-11 a.m.		FA	821	Grant Writing and the NIH Study Section for the Uninitiated	Michael Andreae M.D.	348
	9-11 a.m.		PN	818	Practical Pain Medicine Coding Compliance and Workflow Strategies for 2014	Kevin Vorenkamp M.D.	276-277
	1-4 p.m.		PI	829	Physician Performance Assessment and Improvement: Practice Its Power for Your Own Practice	Leslie Jameson M.D.	356-357

RESIDENTS & MEDICAL STUDENTS

Date	Time		Track	Fee Code	Speaker	Speaker	Location
Friday, October 10	7:30-9 p.m.			RM01	Residents and Medical Students Grassroots Seminar	Jeffrey Plagenhoef M.D.	Hilton Riverside
	9-11 p.m.			RM02	Resident and Medical Student Welcome Reception	Mark Bicket M.D.	Hilton Riverside
Saturday, Oct. 11	8-9:30 a.m.			RM03	Models of Practice Panel	Roy Soto M.D.	R02-03
	8-11 a.m.			RM04a	Medical Student Workshop-Ochsner Health System	Mack Thomas M.D.	Offsite

				RM04b	Medical Student Workshop-Louisiana State University	Judy Johnson M.D.	Offsite
				RM04c	Medical Student Workshop-Tulane University	Lihua Zhang M.D.	Offsite
	9:30-11 a.m.			RM05	Resident Written Board Prep	Sajid Shahul M.D	R02-03
				RM06	Subspecialty Panel	Walter Maurer M.D.	R04-05
	1-2 p.m.			RM07	Practice Management I	Erica Stein M.D.	R02-03
	2-3 p.m.			RM08	Practice Management II	Judith Jurin Semo J.D. Esq.	R02-03
	3:30-5:30 p.m.			RM09	Residency Meet and Greet	Chad Greene	La Nouvelle Ballroom C
Sunday, Oct. 12	10:00 a.m.-12 p.m.			RM10	Resident Component House of Delegates	Mark Bicket M.D.	R02-03
	10 a.m.-1 p.m.			RM11	Medical Student Component House of Delegates	Chad Greene	R04-05
	2-5 p.m.		FA	RM12	FAER Medical Student Anesthesia Research Fellowship Symposium	Paloma Toledo M.D. M.PH.	R08-09
	2:30-5 p.m.		FA	RM13	Resident Regional Anesthesia Workshop	Julia Pollock M.D. Raymond Joseph M.D.	R06-07

GOVERNANCE EVENTS

Date	Time		Track	Fee Code	Speaker	Speaker	Location
Sunday, Oct. 12	8 a.m.-12 p.m.			SPE07	House of Delegates: Session I	Jane C.K. Fitch M.D.	Grand Ballroom, Hilton Riverside
Wednesday, Oct. 15	8 a.m.-12 p.m.			SPE26	House of Delegates: Session II	Jane C.K. Fitch M.D.	Grand Ballroom, Hilton Riverside

SPECIAL MEETINGS & EVENTS

Date	Time		Track	Fee Code	Speaker	Speaker	Location
Saturday, Oct. 11	8-10 a.m.		FA	SPE01	Challenges in Anesthesiology: A European Perspective	Daniela Filipescu M.D.	265-268
	10:30-11:45 a.m.			SPE02	ANESTHESIOLOGY™ 2014 Opening Session	Jane C.K. Fitch M.D.	Great Hall AD
	1-2 p.m.		FA	SPE03	Ellison C. Pierce Jr., M.D., Patient Safety Memorial Lecture: Competence and Teamwork Are Not Enough: The Value of Cognitive Aids	David Gaba M.D.	Great Hall B
	2-4 p.m.		CA	SPE04	Perioperative Cardiology: Results from VISION, POISE-2, SIRS and ENIGMA-2	Daniel I. Sessler M.D.	Great Hall A
			FA	SPE05	Anesthesia Patient Safety Foundation Workshop: Competence and Teamwork Are Not Enough: Implementing Emergency Manuals and Checklists	Jeffrey B. Cooper Ph.D.	Great Hall B
Sunday, Oct. 12	8-10 a.m.		PI	SPE06	WFSA Panel: Government Funded Healthcare and Anesthesia - An International Perspective on Successes and Failures	Adrian W. Gelb M.B., B.Ch.	Great Hall B
	10-11 a.m.			SPE27	PQRS Reporting via the QCDR Reporting Channel	Richard P. Dutton M.D. M.B.A.	252-254
	12:30-1:30 p.m.		FA	SPE08	Society for Airway Management Ovassapian Lecture: The Airway Approach Algorithm: What Would Andy Say?	William H. Rosenblatt M.D.	Great Hall B
	4-4:30 p.m.			SPE09	ABA Informational Session: Assessment Programs for Primary Certification in Anesthesiology	Deborah Culley M.D.	335-336
	4:30-5 p.m.			SPE10	ABA Informational Session: Maintenance of Certification in Anesthesiology Program (MOCA)	Deborah Culley M.D.	335-336

Monday, Oct. 13	8-10 a.m.			SPE11	Best of Abstracts: Basic Science	James Rathmell M.D.	265-268
			FA	SPE12	FAER Academy of Research Mentors: Mentored Research Training Grants (MRTG): Success Elements for Trainees and Mentors	Evan D. Kharasch M.D. Ph.D.	342
			FA	SPE13	International Forum on Patient Safety and Quality Outcomes	Richard P Dutton M.D. M.B.A.	Great Hall B
	10:20- 11:35 a.m.			SPE14	Emery A. Rovenstine Lecture: Health Care at the Crossroads: The Imperative for Change	Karen B. Domino M.D. M.PH.	Great Hall AD
	11:45 a.m.- 1:15 p.m.			SPE15	Celebration of Research	James C. Eisenach M.D.	Great Hall B
	2-3 p.m.		FA	SPE16	FAER - Helrich Research Lecture: The Clinical Neuroscience of Anesthesia: Research, Education and Patient Care	Emery N. Brown M.D. Ph.D.	Great Hall B
	2-4 p.m.		FA	SPE17	Patrick Sim Forum: An Afternoon With the WLM Laureates of the History of Anesthesia	David B. Waisel M.D.	265-268
	3-5 p.m.		FA	SPE18	FAER Panel: Future of Anesthesiology Research	Zeljko Bosnjak Ph.D.	Great Hall B
	5-6 p.m.		PI	SPE19	How Can FAER's New Education Mentorship Academy Help Anesthesiology Educators	Catherine Kuhn M.D.	Great Hall B
Tuesday, Oct. 14	8-10 a.m.		PN	SPE20	Reduce Compliance Risks With Opioid Prescribing	John F. Dombrowski M.D.	Great Hall B
	8-11 a.m.			SPE21	Journal Symposium: How to Mechanically Ventilate Patients in the Operating in 2014	Jeanine P Wiener- Kronish M.D.	275-277
	10 a.m.-12 p.m.			SPE28	AQI Listening Session	Richard P Dutton M.D. M.B.A.	223
	10:30- 11:30 a.m.		PN	SPE22	John W. Severinghaus Lecture on Translational Science: Basic Science to Clinical Practice: The Tale of Long-Acting Opioids	Evan Kharasch M.D. Ph.D.	Great Hall AD
	12:40-1:50 p.m.			SPE23	Lewis H. Wright Memorial Lecture	James P Bagjan M.D.	265-268
	1-3 p.m.			SPE24	Best of Abstracts: Clinical Science	James Rathmell M.D.	275-277
	2-4 p.m.		PI	SPE25	History Panel - Show Me the Money: A Brief History of Remuneration in Anesthesiology	Douglas R. Bacon M.D. M.A.	265-268

Corporate Non-CME Educational Updates

Edwards Lifesciences, ASA Industry Supporter, Presents:
Perioperative Goal-Directed Therapy: A key element of the Perioperative Surgical Home

Saturday, October 11 | 7-10 p.m. | Downtown Marriott at the Convention Center – Blaine Kern Ballroom

William Hand, M.D.
 Medical University of South Carolina
 Charleston, SC

Mervyn Maze, M.B., Ch.B.
 University of California San Francisco
 San Francisco, CA

Tim Miller, M.B., Ch.B.
 Duke University
 Durham, NC

Monty Mythen, M.B., B.S.
 University College London Hospitals
 London, UK

Variability exists with care pathways and in particular amounts of volume administered within same categories of surgical cases. The Perioperative Surgical Home model is in part designed to help decrease some of the variability across the continuum of care of the surgical patient. Use of Perioperative Goal-Directed Therapy to optimize fluid management has been shown to reduce post-surgical complications, length of stay and associated costs. Precise fluid management is a key element of the intraoperative care model. This session addresses the data, type of surgical cases, and rationale for implementation of a Perioperative Goal-Directed Therapy approach for managing patients in the optimal volume range. For more information and to register, please see an Edwards representative at Booth #1307.

ACELRX PHARMACEUTICALS, ASA Annual Meeting Supporter, Presents: The Future of PCA

Sunday, October 12 | 7-8 a.m. | Hilton Riverside, Jefferson Ballroom

Gene Viscusi, M.D., Professor of Anesthesiology and Director, Acute Pain Management

Harold Minkowitz, M.D., Anesthesiologist

The traditional and widely used IV patient-controlled analgesia has been shown to cause harm to patients following surgery in a number of ways including the adverse side effects of commonly used opioids, the invasive IV route of delivery and the inherent potential for programming and delivery errors associated with the complexity of the infusion pumps. This educational session will discuss the pros and cons of the traditional infusion pump and explore innovative alternatives to post-operative pain medication and delivery. For more information and to register, please see an AcelRx representative at Booth #2129.

Masimo, ASA Industry Supporter, Presents:
Noninvasive Monitoring Advancements to Improve Perioperative Geriatric Patient Safety

Sunday, October 12

Registration starting at 6:30 p.m.

Program and Dinner at 7-8:30 p.m.

New Orleans Marriott, Canal Street | Grand Ballroom

Emery N. Brown, M.D., Ph.D.
 Massachusetts General Hospital
 Boston, MA

Michael Ramsay, M.D., FRCA
 Baylor University Medical Center
 Dallas, TX

Aryeh Shander, M.D., FCCM, FCCP
 Mount Sinai Hospital
 New York, NY

A comprehensive update and case-based learning approach to applying the latest advancements in noninvasive monitoring in perioperative care with a focus on the geriatric patient. This will encompass new advances in understanding the anesthesia mechanism in the brain and identifying individual agent signatures along with their utilization for anesthetic management, opioid management and post-operative respiratory remote monitoring, and transfusion management. For more information and to register, please see a Masimo representative at Booth # 829.

Cheetah Medical, ASA Annual Meeting Supporter, Presents:
Clinical and Economic Considerations of Non-Invasive Hemodynamic Monitoring in Perioperative Fluid Management

Sunday, October 12 | 7-10 p.m. | JW Marriott Hotel, New Orleans

Monty Mythen, M.B., B.S.
 University College London Hospitals
 London, UK

Paul Heerd, M.D.
 Weill Medical College of Cornell University
 New York, NY

Tom Hopkins, M.D.
 Duke University Hospital
 Durham, NC

Fluid management strategies based on perioperative hemodynamic monitoring have been shown to reduce surgical complications, enable faster ambulation and shorten length of hospital stay. This session will address how to mitigate post-operative complications and enhance recovery by optimizing intraoperative fluid therapy. It will cover the use of hemodynamic parameters to guide fluid management, as well as the available options for perioperative hemodynamic monitoring with focus on the 100% noninvasive CHEETAH NICOM technology. Finally, it will discuss an innovative method for hospitals evaluating the cost effectiveness for noninvasive hemodynamic monitoring. For more information and to register, please see a Cheetah Medical representative at Booth # 1915.

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- Society for Obstetric Anesthesia & Perinatology (SOAP)

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You can help fund discovery and innovation in anesthesiology that will change the future of medical practice and patient care. To make a contribution, visit the FAER booth or go to FAER.org/donate.

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In memory of Margie Frola, CRNA (Sharon Rose Johnson, MD)
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(Donor list current through July 08, 2014)

Hope For The Warriors® - Run For The Warriors®

Sunday, October 12 | 6 a.m.

Following last year's successful event in San Francisco, ASA is sponsoring, for a fifth consecutive year, Hope For The Warriors® - Run For The Warriors®. Run along the mighty Mississippi by participating in the ASA Run For The Warriors® 5k Run/Walk sponsored in collaboration with Hope For The Warriors®.

This event will bring together meeting attendees, exhibitors, local residents and military personnel in an effort to support wounded warriors and their families.

Check in at the Run For The Warriors booth for details on the race.

Share this experience by asking your friends and colleagues to join you. If you have not yet registered for the run, please visit the Hope For The Warriors® booth located in Lobby B1 of the Convention Center.

ASA Welcome Reception

Saturday, October 11 | 5-6:30 p.m.

In its fifth year, the ANESTHESIOLOGY™ 2014 annual meeting attendee and exhibitor Welcome Reception will take place on Saturday, October 11, 5-6:30 p.m. at the Convention Center in the exhibit area.

All registrants will be encouraged to stop by the reception to mingle and network with their fellow physicians and visit with ASA's corporate supporters and exhibitors.

Connection Center

One of the numerous benefits to attending the ANESTHESIOLOGY™ 2014 annual meeting is the opportunity to meet your peers from around the world. We've built the program with that in mind and created the Connection Center just for you!

The Connection Center is your chance to meet other attendees, share your experiences and explore the latest technology, science and medicine in one convenient space. At the Connection Center you'll find:

ASA Resource Center

Convention Center, Hall B-1

Friday, October 10 | 3-7 p.m.

Saturday, October 11 | 7 a.m.-6:30 p.m.

Sunday, October 12-Tuesday, October 14 | 7 a.m.-5 p.m.

Be sure to stop by the ASA Resource Center to explore ASA offerings and meet our staff. You can update your membership, make a PAC donation, learn about the new WLM library and more.

Exhibits

Complete details about exhibits may be found in the separate Exhibit Guide online.

Convention Center, Halls B2-D

Saturday, October 11 | 11 a.m.-6:30 p.m.

Sunday, October 12 | 9 a.m.-4 p.m.

Monday, October 13 | 9 a.m.-3 p.m.

ASA Connection Lounges 1 & 2

Convention Center, Halls B-2 & D

Make this space your go-to-place to recharge yourself and your mobile device. The ASA Connection Lounges are a great place to share stories and discuss challenges while relaxing and catching-up on e-mail in the exhibit hall.

Scientific and Educational Exhibits

Convention Center, Hall D

Visit the Scientific and Educational Exhibits area to learn about new technologies, practices, equipment and other important topics in the field of anesthesiology. Please note, the Scientific and Educational Exhibits are not designated for CME credit.

Affiliated Subspecialty Society Pavilion, Booth #111

ASRA: American Society of Regional Anesthesia and Pain Medicine

SAMBA: Society for Ambulatory Anesthesia

SCA: Society of Cardiovascular Anesthesiologists

SEA: Society for Education in Anesthesia

SOCCA: Society of Critical Care of Anesthesiologists

SOAP: Society for Obstetric Anesthesia and Perinatology

Enjoy lunch at the ASA Bistro

Convention Center, Hall E, behind aisle 2300
Saturday, October 11-Monday October 13
11 a.m.- 2:30 p.m.

Food and beverage services are available within the Morial Convention Center at the ASA Bistro, inside Hall E. There are also many restaurants located in the surrounding area outside of Morial Convention Center. You will also find a list of restaurants in the New Orleans area on the new ANESTHESIOLOGY™ 2014 online community and our ASA website.

The ASA Bistro provides a comfortable setting for attendees to eat, meet and network during the meeting. Located right on the exhibit floor, you will no longer have to leave the convention center to get a great meal at a good price. For only \$26, including tax, you will get a delicious variety of menu items, including beverages and dessert.

Daily lunch menus includes salads, soup, entrée choices, vegetables, pasta and more.

There will be ample seating for everyone, and the food and beverage locations inside the exhibit hall will be easily accessible to all the education areas. Sit down, relax and enjoy some great food all at a convenient location to accommodate your busy schedule.

Need ASA Bistro tickets?

Visit the Bistro kiosk located in the Convention Center, Lobby 1.

International Connection Lounge

Convention Center
Friday, October 10 | 3-7 p.m.
Saturday, October 11-Tuesday, October 14 | 7 a.m.-5 p.m.

International attendees can connect with their colleagues from across the globe at our International Connection Lounge. The connection lounge will have language facilitators on hand who speak Chinese, Japanese, Portuguese and Spanish. International attendees are also encouraged to utilize the connection lounge to schedule a meeting with colleagues in one of our small meeting rooms, as space permits. Relax in the lounge area or talk with, ESA Voyages, our international travel partner, about plans for next year's meeting in San Diego. To recognize our international attendees, ASA will provide a ribbon distinguishing our international attendees, which can be picked up while in the connection center. Certificates of attendance will be available at the connection center.

The International Attendee Connection Lounge will not be open on Wednesday, October 15.

Online Community: Stay Connected

ASA is once again offering an online community to enhance attendees' meeting experience. The ANESTHESIOLOGY™ 2014 annual meeting online community will allow you to:

- View the profiles and interests of other attendees
- Discover which contacts from Facebook, Twitter and LinkedIn are also attending
- Build a personalized schedule of sessions to attend
- Download handouts and other materials
- Schedule 1:1 meetings with other attendees
- Converse with users during and after the meeting
- Receive recommendations on who to meet at the meeting based on your profile
- Search for people at the meeting who share your interests
- Get speaker profile lists and attendee lists on session pages
- Access a full mobile experience on iPhone, iPad, Android and Blackberry
- See the educational sessions and events your colleagues are attending
- Engage in conversations with presenters
- Schedule 1:1 meetings with exhibitor personnel
- Search and view exhibiting companies, products and descriptions
- Search educational sessions
- Receive notifications and real-time alerts on can't-miss events and important information
- Calendar-to-calendar overlay so you can schedule appointments with attendees and exhibitors without conflicting with their current schedule
- Find designated meeting areas that will be made available at the Ernest N. Morial Convention Center so you can message the location to meet with an exhibitor or attendee through the online community
- Access and view the ePosters website through the online community when it becomes available during the first day of registration on site in New Orleans.
- Access the mobile-friendly registration site from the online community
- Easily create a profile, which is 90 percent completed and captured from your registration
- Create private chat rooms by invitation only to other attendees.

Accessing the New Online Community

Upon registering for the ANESTHESIOLOGY™ 2014 annual meeting, attendees will receive a personalized email from Pathable inviting them to join the annual meeting online community. The e-mail used for registration is the same e-mail account to which the invitation will be sent. If you have any questions about accessing your personal online community account, please let an ASA staff member know at any of the information counters in Lobby A and D of the Convention Center, or stop by the booth dedicated to the online community in Lobby B-1. Don't miss out on this chance to connect with your colleagues, maximize your networking opportunities and organize your time in New Orleans.

Governance

House of Delegates

Governance Meetings will be held at the Hilton New Orleans Riverside (ASA's Headquarters hotel).

House of Delegates, Session I

Sunday, October 12

8 a.m. | Hilton Riverside, Grand Ballroom

This session will include award presentations and remarks by the President and President Elect. Nominations of 2015 Officers will be made from the floor of the House.

Reference Committee Hearings

Sunday, October 12

1:15 p.m. | Hilton Riverside, Grand Ballroom

Open hearings will be conducted by each of the appointed Reference Committees. Each committee will consider the reports attributed to it in the Delegate's handbook. These sessions are required to remain open until at least 3 p.m., but must conclude no later than 5 p.m.

Reference Committees

Sunday, October 12

Administrative Affairs

1:15-5 p.m. | Hilton Riverside, Grand Salon A, Sec. 1-6

Professional Affairs

1:15-5 p.m. | Hilton Riverside, Grand Salon B, Sec. 7-8, 10-11

Scientific Affairs

1:15-5 p.m. | Hilton Riverside, Grand Salon C, Sec. 17-18, 20-21

Finance

1:15-5 p.m. | Hilton Riverside, Grand Salon C, Sec. 16, 19, 22

House of Delegates, Session II

Wednesday, October 15

8 a.m. | Hilton Riverside, Grand Ballroom

This session renders decisions on actions of the Board of Directors and new business brought before the governing body prior to announced deadlines. Officers are elected and installed.

October Interim Board Meeting

Wednesday, October 15

The October Interim Board of Directors meeting immediately follows the House of Delegates Session II. This session elects the committees of the Board and conducts other business that will set the tone for the 2015 governance year.

Orientation Sessions

Committee, Section and Division Chair Orientation

Friday, October 10

2-5 p.m. | Hilton Riverside, Melrose

New Delegates Orientation Meeting

Saturday, October 11

8-9 a.m. | Hilton Riverside, Grand Salon A, Sec. 3 & 6

Caucuses

Candidates' Visits to Caucuses

Candidates in contested elections will address the five regional caucuses at their regularly scheduled sessions. Each candidate will be assigned times and locations so that no two candidates are in the same venue simultaneously. The amount of time that each candidate may address the caucus and engage in a Q&A session will be determined by the number of candidates who have announced their intent to seek elected office prior to the July deadline.

Caucus Schedule

All regional and state caucus meetings will be held at the Hilton New Orleans Riverside. Times, days and locations are subject to change.

Regional Caucus Meetings

Regional Caucus Chairs Meeting

Tuesday, October 14

10-11 a.m. | Hilton Riverside, Melrose

Academic Caucus

Saturday, October 11

3-5 p.m. | Hilton Riverside, Oak Alley

Frontier Caucus

Saturday, October 11

12-2 p.m. | Hilton Riverside, Oak Alley

Tuesday, October 14

1-3 p.m. | Hilton Riverside, Oak Alley

Mid-Atlantic Caucus

Saturday, October 11

2:30-5 p.m. | Hilton Riverside, Grand Salon C, Sec. 13-18

Tuesday, October 14

3:30-6 p.m. | Hilton Riverside, Grand Salon C, Sec. 13-18

Midwest Caucus

Saturday, October 11

2:30-4:30 p.m. | Hilton Riverside, Grand Salon B, Sec. 7-12

Tuesday, October 14

3-6 p.m. | Hilton Riverside, Grand Salon B, Sec. 7-12

New England Caucus

Saturday, October 11

1-4:30 p.m. | Hilton Riverside, Melrose

Tuesday, October 14

3:30-6:00 p.m. | Hilton Riverside, Melrose

Southern Caucus

Saturday, October 11

2:30-5 p.m. | Hilton Riverside, Grand Salon A

Tuesday, October 14

3-5:30 p.m. | Hilton Riverside, Grand Salon A

Western Caucus

Saturday, October 11

2:15-4:15 p.m. | Hilton Riverside, Grand Salon D

Tuesday, October 14

3:15-6 p.m. | Hilton Riverside, Grand Salon D

State Caucus Meetings**California**

Saturday, October 11
12-2 p.m. | Hilton Riverside, Grand Salon D
Tuesday, October 14
1-3 p.m. | Hilton Riverside, Grand Salon D

Florida

Saturday, October 11
12:30-2:30 p.m. | Hilton Riverside, Hilton Expo Center A
Tuesday, October 14
1-3 p.m. | Hilton Riverside, Grand Salon A

Georgia

Saturday, October 11
1-2 p.m. | Hilton Riverside, Warwick
Tuesday, October 14
2-3 p.m. | Hilton Riverside, Warwick

Illinois

Saturday, October 11
12:30-2:30 p.m. | Hilton Riverside, Elmwood
Tuesday, October 14
1-3 p.m. | Hilton Riverside, Elmwood

Maryland

Tuesday, October 14
2:30-3:30 p.m. | Hilton Riverside, Norwich

Missouri

Saturday, October 11
7-9 a.m. | Hilton Riverside, Rosedown
Tuesday, October 14
1:30-3:30 p.m. | Hilton Riverside, Rosedown

Nevada

Tuesday, October 14
10:30-11:30 a.m. | Hilton Riverside, Trafalgar

New Jersey

Tuesday, October 14
6-7 p.m. | Hilton Riverside, Durham

New York

Saturday, October 11
10 a.m.-12 p.m. | Hilton Riverside, Rosedown
Tuesday, October 14
10 a.m.-12 p.m. | Hilton Riverside, Rosedown

Ohio

Saturday, October 11
1:30-3:30 p.m. | Hilton Riverside, Durham
Tuesday, October 14
1:30-3:30 p.m. | Hilton Riverside, Durham

Pennsylvania

Saturday, October 11
12-1:15 p.m. | Hilton Riverside, Melrose
1:30-2:30 p.m. | Hilton Riverside, Jasperwood
Tuesday, October 14
2:30-3:30 p.m. | Hilton Riverside, Jasperwood

Pennsylvania Resident

Saturday, October 11
10:30 a.m.-12 p.m. | Hilton Riverside, Durham

Tennessee

Saturday, October 11
12-2 p.m. | Hilton Riverside, Fountain
Tuesday, October 14
1-2:30 p.m. | Hilton Riverside, Melrose

Texas

Saturday, October 11
12:30-2:30 p.m. | Hilton Riverside, Jefferson Ballroom
Tuesday, October 14
1-3 p.m. | Hilton Riverside, Jefferson Ballroom

Virginia

Saturday, October 11
12-2 p.m. | Hilton Riverside, Hilton Expo Center #2

Wisconsin

Saturday, October 11
12-1 p.m. | Hilton Riverside, Magnolia

Committee Meetings

All committee meetings will be held at the Hilton New Orleans Riverside. Times, days and locations are subject to change.

Committee on Academic Anesthesiology

Monday, October 13
7-9 a.m. | Hilton Riverside, Rosedown

Committee on Ambulatory Surgical Care

Monday, October 13
1-2:30 p.m. | Hilton Riverside, Jasperwood

Committee on Anesthesia Care Team

Tuesday, October 14
8-11 a.m. | Hilton Riverside, Grand Salon B, Sec. 7 & 10

Committee on Anesthesiologist Assistant Education and Practice

Monday, October 13
1-3:30 p.m. | Hilton Riverside, Grand Salon C, Sec. 13 & 16

Committee on Annual Meeting Oversight

Tuesday, October 14
8-10 a.m. | Hilton Riverside, Grand Salon A, Sec. 3 & 6

Committee on Blood Management

Monday, October 13
2-3:30 p.m. | Hilton Riverside, Elmwood

Committee on Bylaws

Tuesday, October 14
10:30 a.m.-12 p.m. | Hilton Riverside, Norwich

Committee on Cardiovascular and Thoracic Anesthesia

Sunday, October 12
1-2:30 p.m. | Hilton Riverside, Oak Alley

Committee on Communications

Tuesday, October 14
9-10:30 a.m. | Hilton Riverside, Elmwood

Committee on Critical Care Medicine

Monday, October 13
8-9:30 a.m. | Hilton Riverside, Grand Ballroom A, Sec. 4

Committee on Economics

Tuesday, October 14
7-10 a.m. | Hilton Riverside, Jasperwood

Committee on Economics – Contractor Advisory Committee (CAC)

Tuesday, October 14
10-11 a.m. | Hilton Riverside, Jasperwood

Committee on Electronic Media and Information Technology

Monday, October 13
2-5 p.m. | Hilton Riverside, Magnolia

Committee on Equipment and Facilities

Saturday, October 11
7-9 a.m. | Hilton Riverside, Oak Alley

Committee on Equipment and Facilities Task Force on Environmental Sustainability

Tuesday, October 14
8-9:30 a.m. | Hilton Riverside, Norwich

Committee on Ethics

Saturday, October 11
7-10 a.m. | Hilton Riverside, Magnolia

Committee on Expert Witness Testimony Review

Tuesday, October 14
1-3 p.m. | Hilton Riverside, Trafalgar

Committee on Future Models of Anesthesia Practice

Monday, October 13
7:30-10 a.m. | Hilton Riverside, Grand Salon A, Sec. 3-6

Committee on Geriatric Anesthesia

Monday, October 13
11 a.m.-12:30 p.m. | Hilton Riverside, Melrose

Committee on Global Humanitarian Outreach

Tuesday, October 14
8-10 a.m. | Hilton Riverside, Grand Salon C, Sec. 13 & 16

Committee on Governance Effectiveness and Efficiencies

Monday, October 13
8-10 a.m. | Hilton Riverside, Hilton Expo Center A

Committee on Governmental Affairs

Monday, October 13
8-10 a.m. | Hilton Riverside, Oak Alley

Committee on Health Policy Research

Friday, October 10
5-7 p.m. | Hilton Riverside, Norwich

Committee on Large Group Practice

Tuesday, October 14
8-10 a.m. | Hilton Riverside, Jefferson Ballroom

Committee on Membership

Monday, October 13
8-9 a.m. | Hilton Riverside, Jasperwood

Committee on Neuroanesthesia

Saturday, October 11
2-3 p.m. | Hilton Riverside, Trafalgar

Committee on Newsletter

Tuesday, October 14
10:30 a.m.-12 p.m. | Hilton Riverside, Elmwood

Committee on Obstetric Anesthesia

Saturday, October 11
9-10 a.m. | Hilton Riverside, Durham

Committee on Occupational Health

Tuesday, October 14
8-10 a.m. | Hilton Riverside, Magnolia

Committee on Occupational Health Special Session

Monday, October 13
1-2 p.m. | Hilton Riverside, Durham

Committee on Pain Medicine

Sunday, October 12
1:30-3 p.m. | Hilton Riverside, Rosedown

Committee on Pain Medicine – Subcommittee on Palliative Medicine

Sunday, October 12
3-4 p.m. | Hilton Riverside, Norwich

Committee on Patient Safety and Education

Monday, October 13
9-10:30 a.m. | Hilton Riverside, Grand Salon D, Sec. 19 & 22

Committee on Pediatric Anesthesia

Saturday, October 11
9:30-11 a.m. | Hilton Riverside, Oak Alley

Committee on Performance and Outcomes Measurement

Monday, October 13
6:30-8 a.m. | Hilton Riverside, Trafalgar

Committee on Practice Management

Monday, October 13
7-10 a.m. | Hilton Riverside, Melrose

Committee on Problem-Based Learning Discussions

Monday, October 13
7-8 a.m. | Hilton Riverside, Durham

Committee on Professional Diversity

Sunday, October 12
11:15 a.m.-1 p.m. | Hilton Riverside, Magnolia

Committee on Professional Liability

Saturday, October 11
7-8:30 a.m. | Hilton Riverside, Durham

Committee on Quality Management and Departmental Administration

Tuesday, October 14
7-10 a.m. | Hilton Riverside, Oak Alley

Committee on Regional Anesthesia

Monday, October 13
1-2:30 p.m. | Hilton Riverside, Trafalgar

Committee on Residents and Medical Students

Saturday, October 11
11 a.m.-12 p.m. | Hilton Riverside, Jasperwood

Committee on Respiratory Care

Saturday, October 11
8-9:30 a.m. | Hilton Riverside, Trafalgar

Committee on Rural Access to Anesthesia Care

Sunday, October 12
7-8 a.m. | Hilton Riverside, Magnolia

Committee on Scientific Advisory

Monday, October 13
3-4 p.m. | Hilton Riverside, Jasperwood

Committee on Specialty Societies

Tuesday, October 14
12:15-1:15 p.m. | Hilton Riverside, Jasperwood

Committee on Standards and Practice Parameters

Monday, October 13
8:30-9:30 a.m. | Hilton Riverside, Elmwood

Committee on Surgical and Procedural Anesthesia

Saturday, October 11
8:30-10 a.m. | Hilton Riverside, Elmwood

Committee on Transplant Anesthesia

Monday, October 13
7-8 a.m. | Hilton Riverside, Norwich

Committee on Trauma and Emergency Preparedness

Monday, October 13
4-6 p.m. | Hilton Riverside, Trafalgar

Committee on Uniformed Services and Veterans' Affairs

Saturday, October 11
2-4 p.m. | Hilton Riverside, Norwich

Committee on Young Physicians

Monday, October 13
9-10 a.m. | Hilton Riverside, Durham

Abstract Review and Educational Track Subcommittee Meetings

All abstract review and educational track subcommittee meetings will be held at the Hilton New Orleans Riverside. Times, days and locations are subject to change.

Abstract Review Subcommittee on Ambulatory and Geriatric Anesthesia

Sunday, October 12
10-11 a.m. | Hilton Riverside, Rosedown

Abstract Review Subcommittee on Chronic and Cancer Pain

Sunday, October 12
3-4 p.m. | Hilton Riverside, Durham

Abstract Review Subcommittee on Critical Care

Saturday, October 11
4-5 p.m. | Hilton Riverside, Elmwood

Abstract Review Subcommittee on Equipment, Monitoring and Engineering Technology

Saturday, October 11
3-4 p.m. | Hilton Riverside, Warwick

Abstract Review Subcommittee on Experimental Circulation

Sunday, October 12
9-10 a.m. | Hilton Riverside, Magnolia

Abstract Review Subcommittee on Outcomes and Database Research

Tuesday, October 14
7-8 a.m. | Hilton Riverside, Durham

Abstract Review Subcommittee on Patient Safety and Practice Management

Tuesday, October 14
8-9 a.m. | Hilton Riverside, Rosedown

Abstract Review Subcommittee on Pediatric Anesthesia

Monday, October 13
7-8 a.m. | Hilton Riverside, Elmwood

Abstract Review Subcommittee on Regional Anesthesia and Acute Pain

Monday, October 13
8-9 a.m. | Hilton Riverside, Grand Salon C, Sec. 13 & 16

Abstract Review Subcommittee on Respiration

Sunday, October 12
8-9 a.m. | Hilton Riverside, Oak Alley

Educational Track Subcommittee on Ambulatory Anesthesia

Tuesday, October 14
1-2 p.m. | Hilton Riverside, Magnolia

Educational Track Subcommittee on Cardiac Anesthesia

Sunday, October 12
7-8 a.m. | Hilton Riverside, Norwich

Educational Track Subcommittee on Critical Care

Saturday, October 11
2-3 p.m. | Hilton Riverside, Rosedown

Educational Track Subcommittee on Fundamentals of Anesthesiology

Monday, October 13
7-10 a.m. | Hilton Riverside, Magnolia

Educational Track Subcommittee on Neuroanesthesia

Saturday, October 11
8-9 a.m. | Hilton Riverside, Warwick

Educational Track Subcommittee on Obstetric Anesthesia

Tuesday, October 14
3-5 p.m. | Hilton Riverside, Magnolia

Educational Track Subcommittee on Pain Medicine

Sunday, October 12
12:30-1:30 p.m. | Hilton Riverside, Rosedown

Educational Track Subcommittee on Pediatric Anesthesia

Monday, October 13
7-8 a.m. | Hilton Riverside, Warwick

Educational Track Subcommittee on Professional Issues

Monday, October 13
1-2 p.m. | Hilton Riverside, Warwick

Educational Track Subcommittee on Regional Anesthesia and Acute Pain

Monday, October 13
9-10 a.m. | Hilton Riverside, Warwick

Editorial Board Meetings

All editorial board meetings will be held at the Hilton New Orleans Riverside. Times, days and locations are subject to change.

Anesthesiology Executive Editors Meeting

Sunday, October 12

8 a.m.-12 p.m. | Hilton Riverside, Trafalgar

Editorial Board for Anesthesia Patient Safety Program (APS)

Sunday, October 12

2-4 p.m. | Hilton Riverside, Warwick

Editorial Board for ANESTHESIOLOGY

Monday, October 13

3-6:30 p.m. | Hilton Riverside, Grand Salon A, Sec. 1-6

Editorial Board for the Self-Education and Evaluation Program (SEE)

Saturday, October 11

2-4 p.m. | Hilton Riverside, Magnolia

Editorial Board for Practice Performance Assessment and Improvement Meeting

Saturday, October 11

4:30-6 p.m.

Hilton Riverside Hotel, Durham Room

Editorial Board for Simulation-Based Training (SEB)

Monday, October 13

5-7 p.m. | Hilton Riverside, Oak Alley

Resident Activities

Friday, October 10

RM01 Residents and Medical Students Grassroots Seminar

7:30-9 p.m. | Hilton Riverside, Grand Salon A

Mark Bicket M.D.

Members will discuss the basics of the policy making process, ways to influence this process, and the value of civic engagement.

Jeffrey Plagenhoef M.D.

RM02 Resident and Medical Student Welcome Reception

9-11 p.m. | Hilton Riverside, Grand Salon B

Mark Bicket

Network and interact with fellow peers. Event is hosted by the ASA Resident Governing Council.

Saturday, October 11

RM03 Models of Practice Panel

8-9:30 a.m. | Room R02-03

Roy Soto M.D.

The anesthesia employment landscape is changing rapidly. Anesthesiologists can either be employed by a private group, a larger local or national multispecialty organization, a hospital, or even an investment firm. Understanding this landscape is an important step in determining desired lifestyle, workload, and income following graduation. During this panel discussion, we will discuss these employment models with a focus on the positives and negatives of each, as well as a discussion of national employment trends and likely future models. **Eric Mason M.D., Mark Norling M.D., Narendra Trivedi M.D.**

RM04a Medical Student Workshop-Ochsner Health System

8-11 a.m. | Offsite

Mack Thomas M.D.

This workshop is offered to a limited number of students and participation will be offsite. Details of the workshop are designed and implemented by the host institution but will include an introduction to the field of anesthesiology, a variety of hands-on workshops for students (airway management and intubation, regional anesthesia, IV and arterial line placement, etc.), and didactics. The goal is to provide increased exposure to fundamental principles and some hands-on practice for medical students interested in the field of anesthesiology. Details will follow after registration, please register for only one location.

RM04b Medical Student Workshop-Louisiana State University

8-11:00 a.m. | Offsite

Judy Johnson M.D.

This workshop is offered to a limited number of students and participation will be offsite. Details of the workshop are designed and implemented by the host institution but will include an introduction to the field of anesthesiology, a variety of hands-on workshops for students (airway management and intubation, regional anesthesia, IV and arterial line placement, etc.), and didactics. The goal is to provide increased exposure to fundamental principles and some hands-on practice for medical students interested in the field of anesthesiology. Details will follow after registration, please register for only one location.

RM04c Medical Student Workshop-Tulane University

8-11 a.m. | Offsite

Lihua Zhang, M.D.

This workshop is offered to a limited number of students and participation will be offsite. Details of the workshop are designed and implemented by the host institution but will include an introduction to the field of anesthesiology, a variety of hands-on workshops for students (airway management and intubation, regional anesthesia, IV and arterial line placement, etc.), and didactics. The goal is to provide increased exposure to fundamental principles and some hands-on practice for medical students interested in the field of anesthesiology. Details will follow after registration, please register for only one location.

RM05 Resident Written Board Prep

9:30-11 a.m. | Room R02-03

Sajid Shahul M.D

In this 90 minute seminar, the facilitators will briefly review the format of the written board certification examination and discuss some of the concepts deemed to be challenging and difficult by many residents. Frequently missed items (Keywords) from the 2014 in-training examination, divided into basic and advanced topics by the ABA, will be used to anchor the discussions. The facilitators will also share insight on study strategies, discuss study resources available, and tips on test taking skills.

RM06 Subspecialty Panel

9:30-11 a.m. | Room R04-05

Walter Maurer M.D.

Ambulatory Anesthesia - What is New and Exciting for the Future?

- NORA (Non-Operating Room Anesthesia) – Show me the money
- Monitored Anesthesia Care (MAC) as different from moderate/deep sedation.
- How do anesthesiologists fit into the burgeoning area of sedation by non-anesthesiologists?
- Details of SEDAYS (first commercial CAPS device) Ethicon Endo-Surgery a division of Johnson & Johnson.

This session will also focus on the history of the subspecialty, current and future state of the fellowship program, & clinical pearls in Labor & Delivery suites.

Arthur Calimaran M.D.

Obstetric Anesthesia: Past, Present and Future

RM07 Practice Management I

1-2 p.m. | Room R02-03

Erica Stein M.D.

Transitioning from Residency to Practice

Presenting yourself in the best possible light on paper and in person is sometimes easier said than done. Discussion will focus not only on some of the common pitfalls, but also on some of the details which will make you look like a star.

Lars Helgeson M.D.

Do's and Don'ts on Your CV and During the Interview

RM08 Practice Management II

2-3 p.m. | Room R02-03

Judith Jurin Semo J.D., Esq.

Employment Contracts

This session will briefly discuss a number of the terms, organizations and concepts which will have a significant impact on how you practice and function on a day to day basis.

Arpana Ananth M.D.

Practice Management Keywords

RM09 Residency Program Meet and Greet

3:30-5:30 p.m. | La Nouvelle Ballroom C

Chad Greene

This event is the highlight of the Medical Student Component, and has been beneficial for all medical students (especially fourth year medical students) applying to anesthesiology residency programs. Program directors and residents showcase their respective programs just before interview season.

Sunday, October 12**RM10 Resident Component House of Delegates**

10 a.m.-12 p.m. | Room R02-03

Mark Bicket M.D.

Delegates must register between 9:30-10 a.m. before the HOD meeting. In order to vote in Governing Council elections, you must be credentialed first. This session is open to all residents, whether you are a delegate or not. During this meeting, we will have the opportunity to hear from nationally known guests, and we will present new and exciting ways for residents to get involved politically on both local and national levels. We will also hold elections for the 2014-15 ASA Resident Component Governing Council, with results announced during this meeting. Awards will also be given to residency programs who have reached 100-percent ASAPAC contributions.

RM11 Medical Student House of Delegates

10 a.m.-1 p.m. | Room R04-05

Chad Greene

Delegates must register between 9:30-10 a.m. before the HOD meeting. In order to vote in Governing Council elections, you must be credentialed first. This session will include Delegate voting on Medical Student Component Governing Council elections and other relevant business. Educational topics include presentations from current leaders in anesthesiology, advice for matching into residency, research opportunities, and a Q & A session with current residents. All medical students are invited to attend.

RM12 FAER Medical Student Anesthesia Research Fellowship**Symposium**

2-5 p.m. | Room R08-09

Paloma Toledo M.D., M.P.H. Moderator

Annual Symposium showcasing the FAER-funded research projects conducted by medical students in anesthesiology laboratories across the nation. The Medical Student Anesthesia Research Fellowship (MSARF) is a program FAER implemented to increase the number of outstanding medical students, who want to pursue academic careers in anesthesiology research. For a complete list of program participants and meeting presenters, please visit the FAER booth in the ASA Resource Center.

RM13 Resident Regional Anesthesia Workshop

2:30-5 p.m. | Room R06-07

Julia Pollock M.D.

This course will focus on the anatomy and sonoanatomy of upper and lower extremity as well as truncal blocks commonly used in the perioperative period.

- **Ultrasound Guidance**
- **Brachial Plexus Blocks**
- **Lower-Extremity Blocks**
- **Paravertebral/TAPBlocks**
- **Lung Ultrasound**

Registration

Full-service registration is located in Lobby A and D of the Convention Center. Advance and on-site registration hours at the center are as follows:

Registration hours

Friday, October 10 | 3-7 p.m.

Saturday, October 11-Tuesday, October 14 | 7 a.m.-5 p.m.

Wednesday, October 15 | 7 a.m.-12 p.m.

In addition, to the Convention Center, there are print-only badge kiosks at two hotels on Friday, October 10, from 3-7 p.m. These are located at the Hilton New Orleans Riverside, first floor registration counters across from the hotel gift shop and at the New Orleans Marriott (Canal Street), second floor registration desk outside La Galleries.

Speakers/presenters should pick up their badges in the Presenter Ready Room, near the Julia Street Entrance off of Lobby A of the Convention Center.

Registration Materials

All registration materials and name badges are provided at the time of badge pick up. Registration materials will only be provided at the convention center and not at the hotel registration areas.

ASA Tote Bags will be available for pick in the Resource Center located in Exhibit Hall B1. Each attendee will be provided with a ticket in their registration material to redeem one (1) tote bag.
Bag Pick-Up Areas: ASA Resource Center, Hall B-1,
October 10, 3 p.m. and October 11, 11 a.m.

Admission Requirements (BADGES ARE REQUIRED)

Admission to non-ticketed activities (all available on a first-come, first-served basis), including the Opening Session, Welcome Reception, Panels, Special Lectures, Medically Challenging Cases (MCCs) and Refresher Course Lectures (RCLs), Scientific Abstracts and exhibits will be granted by the ANESTHESIOLOGY™ 2014 annual meeting attendee badge only. Admission to ticketed functions, including Problem-Based Learning Discussions (PBLDs), Workshops, activities and special events will require both the ANESTHESIOLOGY™ 2014 annual meeting attendee badge and a ticket.

Tickets and Name Badges

All registrants for the ANESTHESIOLOGY™ 2014 annual meeting will receive a name badge. Materials have not been mailed in advance. Badges and tickets can be obtained at self-print kiosks (pre-registrants only) or at the registration counters (all registrants) during registration hours.

If you have pre-registered for the meeting, please visit the advance registration desk or use the self-print registration kiosks to receive your registration materials. Once registration materials have been picked up, please visit an on-site registration desk to make any changes or to register for additional courses.

Ticket Refunds/Exchanges

No refunds or exchanges are allowed after Monday, September 22. If you purchase tickets at the meeting, please check them carefully before you leave the ticket sales counter.

Ribbons

Members and individuals serving ASA and/or contributing to the ANESTHESIOLOGY™ 2014 annual meeting program receive ribbons recognizing their contribution and support. If you are one of these individuals, thank you. You can pick up your ribbons at the following locations.

Governance (HOD, Committee)

Ribbon counter at registration area
Convention Center, Lobby D

Presenters (all types)

Presenter Ready Room
Great Hall Lounge, South

Scientific and Educational Exhibitors

Exhibitor Registration Area
Convention Center, Lobby E

All Others

Ribbon counter in the registration area
Convention Center, Lobby D

General Information

ASA Information Services

Located in Lobby A and Lobby D, the ASA Information Services areas should be able to assist with attendee needs or direct attendees to the appropriate areas and services for assistance. If you are away from the convention center and need to contact ASA during registration hours, please call 504-670-6600. Within the Convention Center, ASA maintains a helpline to meet any attendee requests. This number will be posted in different area throughout the Convention Center.

Business Services

Monday-Friday | 9 a.m.-5:30 p.m.
The UPS store is located in Lobby F in the Convention Center.
Phone: 504-670-8941 Fax: 504-670-8887.

Cell Phones and Pagers

Please turn off your pager or cellular telephone, or configure it to silent operation. Cameras or cellular telephones with photo capabilities may not be used.

Children at the Meeting

Children under 16 years of age will not be allowed into educational sessions. If it is necessary for your children to accompany you into the exhibit hall, please carefully supervise them for safety reasons. This is the parents' responsibility. Equipment and accessories on display are valuable and can be hazardous to children.

Daily News

Level 2, Room 240
Friday, October 10 | 12-5 p.m.
Saturday, October 11-Monday, October 13 | 8 a.m.-5 p.m.
Tuesday, October 14 | 8 a.m.-3 p.m.

Disclaimer

Materials and information presented during the ANESTHESIOLOGY™ 2014 annual meeting represent the personal viewpoint of the individual presenter and do not represent the opinions, positions or viewpoints of ASA. By registering to attend the ANESTHESIOLOGY™ 2014 annual meeting, attendees acknowledge they are voluntarily participating in the ASA-sponsored medical educational program and waive any right to make any claim, including any claim for injury or damages, against ASA for reliance on materials or information presented during the ANESTHESIOLOGY™ 2014 annual meeting. ASA does not assume any responsibility for any expenses incurred by registrants without prior written authorization from ASA.

E-mail Stations

E-mail stations will be located in the International Connection Lounge, Lobby A of the Convention Center Saturday, October 11-Wednesday, October 15.

Exhibitor Information Retrieval Program

Registrants for the ANESTHESIOLOGY™ 2014 annual meeting except exhibitors and spouses/guests will be provided with an encoded name badge. Exhibitors will use the encoded information to record names, mailing addresses and email addresses (when provided voluntarily) of registrants who wish to receive further information.

Future ASA Meetings

October 24-28, 2015 | San Diego, CA
October 22-26, 2016 | Chicago, IL
October 21-25, 2017 | Boston, MA
October 13-17, 2018 | San Francisco, CA
October 19-23, 2019 | Orlando, FL
October 3-7, 2020 | Washington, D.C.

In Case of Emergency

It is important to stay calm when reporting an incident. MCCNO has RED EMERGENCY PHONES conveniently located through the facility. In order to expedite a response, a MCCNO Public Safety Dispatcher is available 24 hours a day. The emergency number 504-582-3040 is the primary emergency number for the facility. Please dial just 3040 from a MCCNO phone. The Dispatcher will dispatch EMS, Officers, Event Managers, etc. PLEASE REFRAIN FROM CALLING 911. The convention center is very large; Facility and Public Safety personnel coordinate the movement of emergency services to the scene. In addition to RED EMERGENCY PHONES, and calling dispatch at 504-582-3040, Public Safety Officers are available should you need assistance.

Lost and Found

Lost and found will be handled by the main registration area in the Convention Center. Inquiries for lost or found items should be directed to Registration Desk A in Lobby D.

Luggage/Bag Storage and Coat Check

Lobby B-2 of the Convention Center
Saturday, October 11 | 7 a.m.-5 p.m.
Sunday, October 12 | 8:30 a.m.-6:30 p.m.
Monday, October 13-Tuesday, October 14 | 8 a.m.-5 p.m.
Wednesday, October 15 | 8 a.m.-12 p.m.

Medical Services and First-Aid Offices

Two locations will be made available in the Convention Center.

Lobby B-2 Medical Services and First-Aid Office.

Hours/Days of Operations:
Tuesday, October 7–Thursday, October 9 | 8 a.m.-5 p.m.
Friday, October 10 | 9 a.m.-7:30 p.m.
Saturday, October 11 | 6:30 a.m.-7 p.m.
Sunday, October 12–Tuesday, October 14 | 6:30 a.m.-5:30 p.m.
Wednesday, October 15 | 6:30 a.m.-1 p.m.

Lobby E – Medical Services and First Aid Office

Hours/Days of Operations:
Saturday, October 11 | 6:30 a.m.-7 p.m.
Sunday, October 12–Tuesday, October 14 | 6:30 a.m.-5:30 p.m.

No Smoking

Smoking is not permitted in the Convention Center or any room or area in which ASA-sponsored or organized activities are held. This prohibition includes the registration area, the exhibit hall and meeting rooms.

Photography/Videotaping Policies

No photography, videotaping or audio taping is permitted in the scientific sessions, instructional courses, exhibit hall or committee meetings.

Presenter Ready Room

Friday, October 10 | 3-7 p.m.

Saturday, October 11-Tuesday, October 14 | 7 a.m.-5 p.m.

Wednesday, October 15 | 7 a.m.-12 p.m.

The Presenter Ready Room is designated as the location for ASA presenters to preview and upload or get help modifying their presentations. Presenters are required to check in at the Presenter Ready Room. Technical support personnel skilled with Apple computers, PCs, and Keynote software will be available to offer assistance and answer questions. Any presenter using their own Apple computer or using Keynote software should notify an ASA staff person or technical support personnel as early as possible so that we are prepared to accommodate your presentation. To reach the Presenter Ready Room by phone, dial (504) 670-6601 in the Morial Convention Center.

Press Room

Level 2, Room 224

Friday, October 10 | 12-5 p.m.

Saturday, October 11-Monday, October 13 | 8 a.m.-5 p.m.

Tuesday, October 14 | 8 a.m.-3 p.m.

Should you need to call the Press Room, please dial 504-670-6602 within the Convention Center.

San Diego Booth

The ANESTHESIOLOGY™ 2015 annual meeting will take place on October 24-28, 2015 at the San Diego Convention Center in San Diego. Representatives from the San Diego Convention Bureau will be available on site in New Orleans in Lobby B1 to answer any questions you may have about the city, attractions, hotels or the convention center.

Session and Product Locators

Stations will be located in Lobby D near registration at the Convention Center. Attendees will be able to search sessions, find room locations of all ASA events as well as search for particular exhibitor products and which companies are providing products on the exhibit hall floor.

SmartTots

The International Anesthesia Research Society (IARS) presents SmartTots, a collaborative research initiative designed to investigate, fund and ensure the safety of anesthetics administered to neonates and young children. Visit our booth located in Lobby B-1 for more information about anesthetic-induced neurotoxicity, ongoing research projects and how you can contribute to the effort.

Special Needs Statement

ASA is committed to making its activities accessible to all individuals. If you are in need of an accommodation, please do not hesitate to call and/or submit a description of your needs in writing in order to receive service.

WiFi

Complimentary WiFi will be provided and is available throughout all common areas, meeting rooms and specific areas within the Connection Center/Exhibit Hall in the Convention Center.

Worship

There are many places of worship located near the Convention Center and the nearby hotel community. Check with your hotel concierge for complete listing locations and times of service.

Transportation

Concierge Airport Transportation

One World Transport is the official concierge transportation service for the ANESTHESIOLOGY™ 2014 annual meeting. The transport service will provide comfortable town car or limousine transportation options from Louis Armstrong International Airport, allowing you to relax before you arrive at your hotel destination. To reserve your car transport, contact One World Transport at reservations@oneworldtransport.com to place your reservation.

Hotel Shuttle Bus

With the exception of the ASA headquarter hotel (Hilton New Orleans Riverside) and any other hotels within immediate walking distance of the convention center, ASA will operate a shuttle bus transportation program (Friday–Wednesday) from designated New Orleans hotels within the 2014 ASA hotel/housing program. View the shuttle bus schedule below.

New Orleans Public Transportation Options

The airport is located approximately 13 miles from the Ernest N. Morial Convention Center

Ground Transportation from the Airport to the Convention Center by Taxi

A taxi costs approximately \$33 from the airport to the Central Business District (CBD) for one or two persons and \$14 (extra per passenger) for three or more passengers.

Taxi ranks are located on the lower level, outside the baggage claim area. Taxis accept credit cards

Ground Transportation from the Airport to the Convention Center by Airport Shuttle

Shuttle service is available from the airport to the hotels in the CBD for \$20 (per person, one-way) or \$38 (per person, round-trip). Three bags per person. Call 1-(866) 596-2699 or (504) 522-3500 to make a reservation. Advance reservations are required 48 hours prior to travel for all ADA accessible transfers. Please call in advance of your travel date for the specially-equipped shuttle to be reserved. Ticket booths are located on the lower level in the baggage claim area. Please visit www.airportshuttleneworleans.com for more details or to make a reservation.

Ground Transportation from the Airport to New Orleans Central Business District by Bus

The E2 - Airport Route provides service from the Louis Armstrong New Orleans International Airport in Kenner, down Airline Drive into New Orleans. During weekdays only, it provides service to the New Orleans CBD. The airport bus stop is on the second level of the airport, near the Delta counter, in the median (look for the sign and bench).

The fare from the Louis Armstrong New Orleans International Airport to New Orleans Central Business district is \$2. There will be a short walk to the convention center area

Please visit jeffersontransit.org/e2airport.php or call (504) 818-1077 for more details

Airport Limousines

Airport Limousine is the official limousine service for Louis Armstrong New Orleans International Airport. Convenient kiosks are located in the baggage claim area and no-hassle curbside pickups are available. Rates begin at \$58 for one or two passengers. Please visit www.airportlimousineneworleans.com or call (504) 305-2405 for more details

Rates

Sedans

1-2 Passengers - \$58

3 Passengers - \$68

*A \$3 fuel charge will be added to the cost.

SUV

4 Passengers - \$78

5 Passengers - \$88

*A \$3 fuel charge will be added to the cost.

Limo

6 Passengers - \$98

7 Passengers - \$108

8 Passengers - \$118

*For each passenger over 8, is an additional \$10 per person

Special Needs Transportation

A dedicated toll free number has been provided and will be active during event for all SPECIAL NEEDS TRANSPORTATION requests. Handicapped accessible equipment will be provided during scheduled and posted shuttle operation hours. Attendees can book reservations for this service by simply calling the toll free number (877) 899-0986 at least 20 minutes prior to requested pick up time during posted Hotel Shuttle hours of operation.

Shuttle Bus Operation Service Hours	
Inbound Service	FROM: Designated Hotels TO: Convention Center every 15-20 mins
Friday, Oct. 10	--
Saturday, Oct. 11	6:30-10 a.m.
Sunday, Oct. 12*	6:30-10 a.m.
Monday, Oct. 13	6:30-10 a.m.
Tuesday, Oct. 14	6:30-10 a.m.
Wednesday, Oct. 15	7:00-10 a.m.
Midday Service	FROM: Convention Center TO: Designated Hotels every 30 mins
Friday, Oct. 10	2:30-7:30 p.m.
Saturday, Oct. 11	10 a.m.-3 p.m.
Sunday, Oct. 12*	10 a.m.-3 p.m.
Monday, Oct. 13	10 a.m.-3 p.m.
Tuesday, Oct. 14	10 a.m.-3 p.m.
Wednesday, Oct. 15	10 a.m.-1 p.m.
Outbound Service	FROM: Convention Center TO: Designated Hotels every 15-20 mins
Friday, Oct. 10	--
Saturday, Oct. 11	3-7 p.m.
Sunday, Oct. 12*	3-6 p.m.
Monday, Oct. 13	3-6 p.m.
Tuesday, Oct. 14	3-6 p.m.

Shuttle Program Routes

*Subject to change

SHUTTLE BUS PICK-UP/DROP-OFF - Morial Convention Center, located on Convention Center Blvd.

ROUTE 1 (RED)

Hilton New Orleans Riverside

Westin New Orleans Canal Place

ROUTE 2 (GREEN)

DoubleTree by Hilton Hotel New Orleans

Loews New Orleans Hotel

Renaissance New Orleans Arts Hotel

Residence Inn New Orleans Downtown

W New Orleans

Windsor Court

ROUTE 3 (ORANGE)

Courtyard New Orleans Downtown near the French Quarter

Hampton Inn & Suites Downtown/French Quarter

InterContinental New Orleans

JW Marriott New Orleans

New Orleans Marriott

Omni Royal Crescent Hotel

Sheraton New Orleans

ROUTE 4 (PURPLE)

Chateau LeMoyne French Quarter

Crowne Plaza New Orleans French Quarter

Hilton Garden Inn New Orleans French Quarter/CBD

Hotel Monteleone

Hyatt French Quarter

Renaissance New Orleans Pere Marquette Hotel

Ritz-Carlton New Orleans

Roosevelt New Orleans Hotel

Wyndham New Orleans French Quarter

ROUTE 5 (TAN)

Omni Royal Orleans

InterContinental San Francisco

Palace Hotel, A Luxury Collection Hotel

San Francisco Marriott Marquis

Westin San Francisco Market Street

WALKING HOTELS

Courtyard New Orleans Downtown Convention Center

Embassy Suites New Orleans Convention Center

Hampton Inn & Suites New Orleans Convention Center

Hilton Garden Inn New Orleans Convention Center

Hyatt Place New Orleans

New Orleans Downtown Marriott at the Convention Center

SpringHill Suites New Orleans Downtown

Wyndham Riverfront New Orleans

Tour and Activity Assistance

Assistance with signing up on site or confirming tour/activities previously arranged can be found at the tour desk in Lobby A of the Convention Center, from Friday, October 10–Tuesday, October 14. Tour buses/transportation will depart from the Center’s Lobby A entrance.

Thursday, October 9

10:30 a.m.-2:30 p.m.

New Orleans Cooking Experience | \$315

Friday, October 10

9 a.m.-5 p.m.

Bonjour from Louisiana | \$154 Adult/\$133 Child

11 a.m.-2 p.m.

Crescent City Cocktails/Lunch | \$126

7 a.m. - 11 p.m.

Jazz Tour/Dinner | \$230

Saturday, October 11

10:30 a.m.-2:30 p.m.

New Orleans Cooking Experience | \$315

9 a.m.-1 p.m.

Creole Promenade/Snack | \$35

10:30 a.m.-2 p.m.

Steamboat Natchez/Buffer | \$112 Adult/\$93 Child

9 a.m.-1:30 p.m.

Airboat Adventures/Lunch | \$140 Adult/\$132 Child

Sunday, October 12

10 a.m.-2 p.m.

Audubon Zoo | \$ 89 Adult/\$83 Child

9:30 a.m.-1:30 p.m.

Cajun & Creole Hands on Cooking | \$183

8:15 a.m. - 3:30 p.m.

Plantation Lifestyles/Lunch | \$148

5:15 p.m. - 10:30 p.m.

Broadway in the Big Easy/Dinner | \$358

Monday, October 13

10 a.m.-1:30 p.m.

Cemetery Tour/Lunch | \$125 Adult/\$105 Child

9:30 a.m.-1 p.m.

Cajun & Creole Cuisine Demo | \$75

9:30 a.m.-3:30 p.m.

Shopping on Magazine Street/Lunch | \$173

6:30-11:30 p.m.

Sunset in the Swamplands/Dinner | \$325

Tuesday, October 14

8:15 a.m.-3:30 p.m.

Plantation Lifestyles/Lunch | \$148

9 a.m.-12 p.m.

Forever New Orleans | \$58

9 a.m.-12:30 p.m.

Mysteries of Louisiana Swamplands | \$68

9 a.m.-2 p.m.

National WWII Museum/Lunch | \$185

10 a.m.-3 p.m.

Grand Dames/Garden District/Lunch | \$205

1-3 p.m.

Mardi Gras Behind the Mask/Snack | \$90

Wednesday, October 15

9:30 a.m.-3:30 p.m.

Shopping on Magazine Street/Lunch | \$173

10:30 a.m.-2 p.m.

Steamboat Natchez/Buffer | \$112 Adult/\$93 Child

1:30-4:30 p.m.

Cajun & Creole Cuisine Demo | \$75

Thursday, October 16

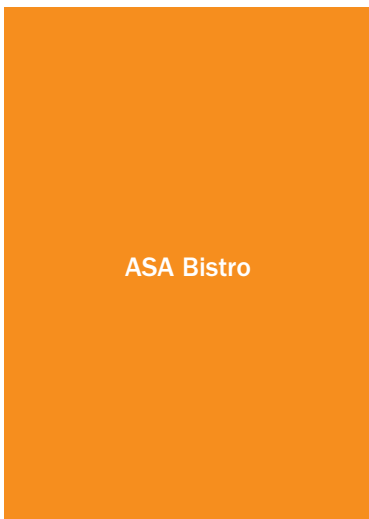
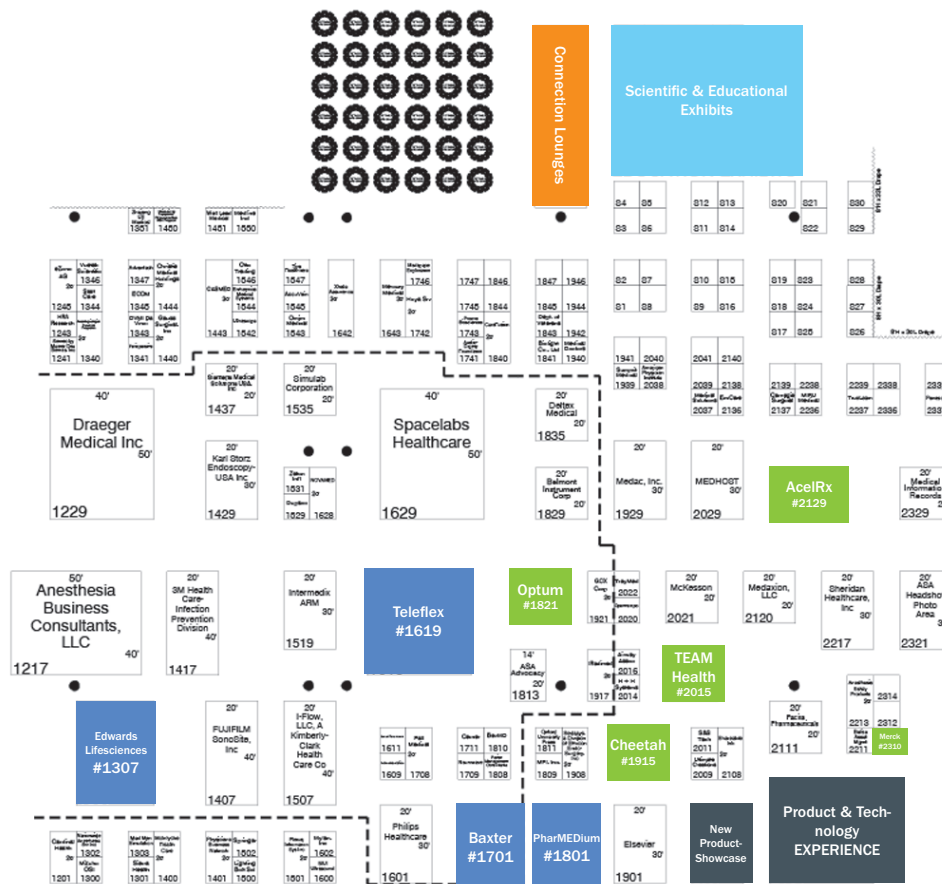
9 a.m.-5 p.m.

Au Revoir from Louisiana/Buffer | \$154 Adult/\$133 Child

12-5 p.m.

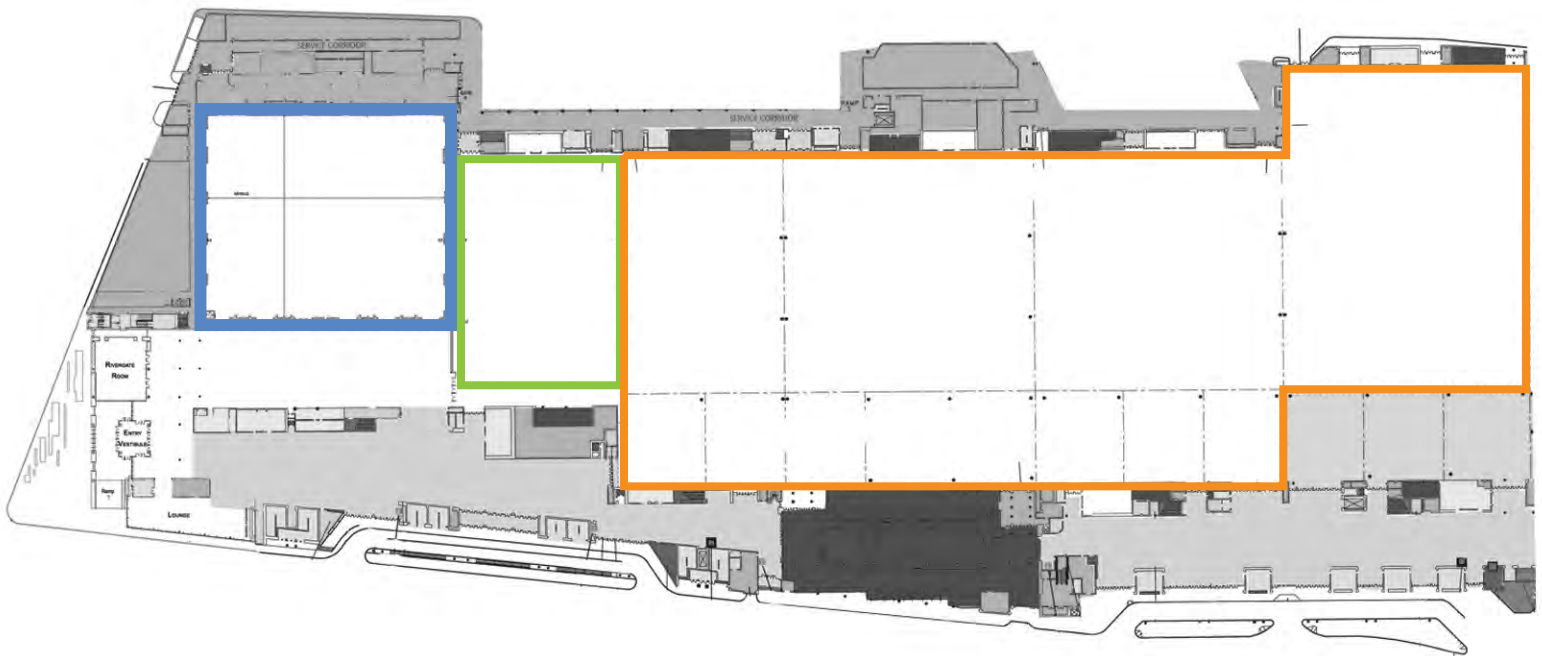
Cajun Exploration/Lunch | \$317

Tours that do not meet minimum attendance requirements may be canceled. If this happens, you will be contacted to select a new tour or get a refund.



- Industry Supporters
- Annual Meeting Supporters

CONVENTION CENTER/EXHIBIT HALL

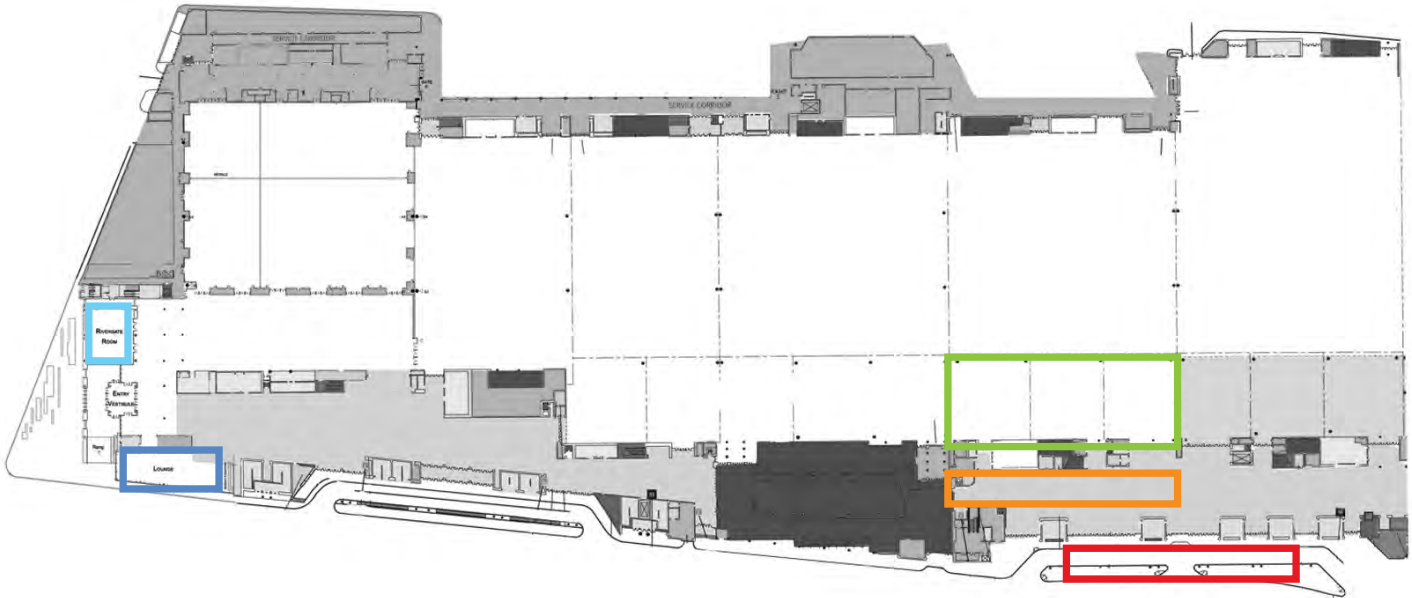


Great Hall A-D: Opening Session, Rovenstine Lecture, Severinghaus Lecture, ASA/PSF Pierce Lecture, APSF Workshop, International Panels, Celebration of Research, FAER Sessions

Hall B1: ASA Resource Center, e-Posters, Medically Challenging Cases, e-Poster on Demand

Connection Center: Exhibits, Scientific & Educational Exhibits, ASA Bistro, ASA Subspecialty Pavilion, Product & Technology EXPERIENCE, Connection Lounges, Product Theater

CONVENTION CENTER/EXHIBIT HALL

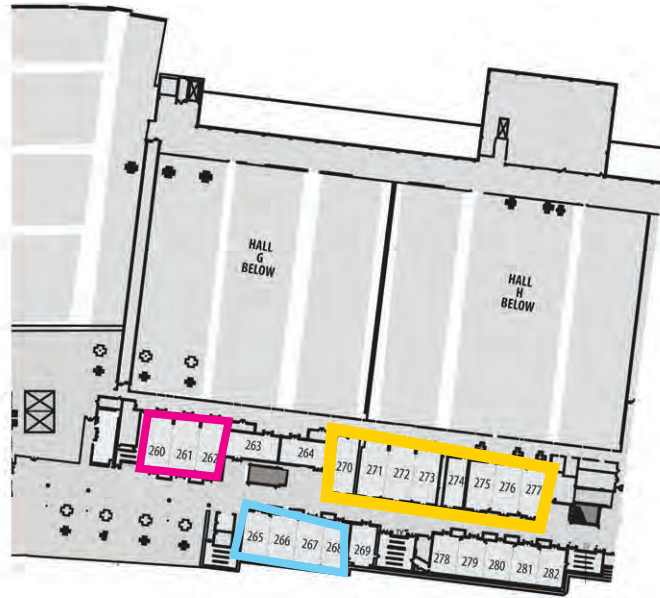


- International Connection Lounge, Presenter Ready Room, Refresher Course Lecture Download Station
- Rivergate Room: Refresher Course Lecture
- Refresher Course Lectures
- Registration, e-Poster on Demand Station, ASA Info Counter, Refresher Course Lecture Download Stations
- Shuttle Bus Drop Off

CONVENTION CENTER/LEVEL 2



- Rooms: R02-R09
Resident & Medical Student Programs
& La Nouvelle Ballroom
- Panels
- Point Counter Point
- Clinical Forum
- Oral Presentations,
Poster Discussions
- Refresher Course Lectures
- Subspecialty Panels



— Refresher Course Lectures

— WLM Events

— Cadaver Workshops, Workshops

CONVENTION CENTER/LEVEL 3



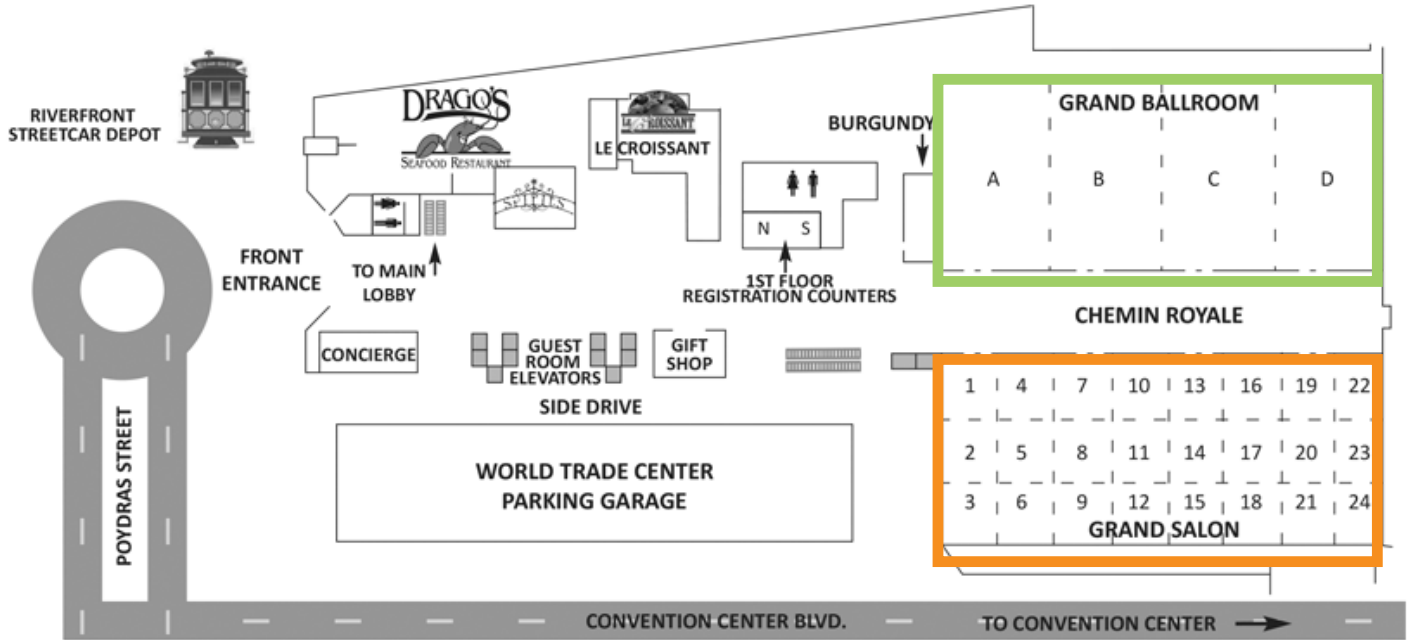
- PBLDs
- Workshops

HOTEL MAP

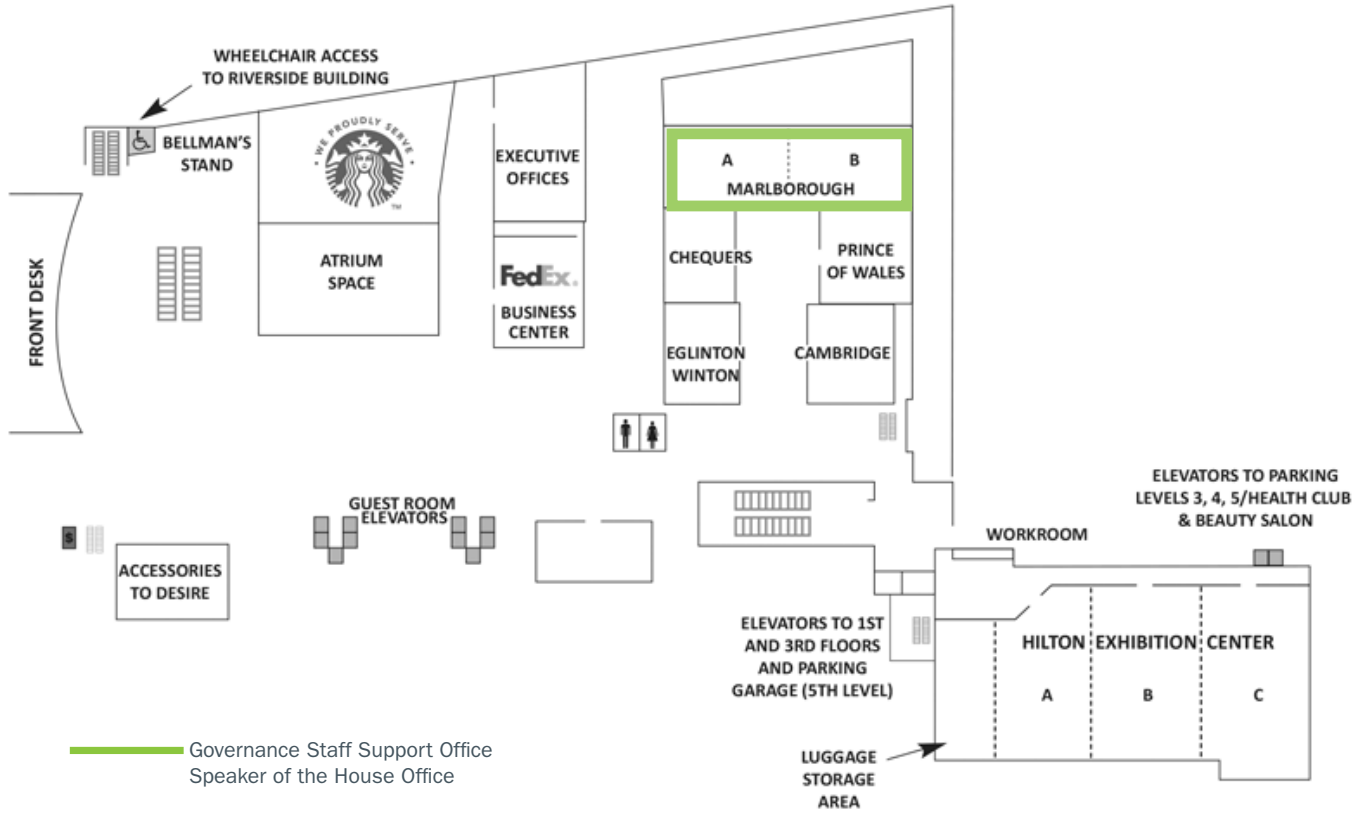


1. Crowne Plaza New Orleans French Quarter
2. Chateau LeMoyne French Quarter
3. Courtyard New Orleans Downtown Near
4. Courtyard New Orleans Downtown
5. DoubleTree by Hilton Hotel New Orleans
6. Embassy Suites New Orleans Convention
7. Hampton Inn & Suites Downtown/French
8. Hampton Inn & Suites New Orleans
9. Hilton Garden Inn New Orleans Conven
10. Hilton Garden Inn New Orleans French
11. Hilton New Orleans Riverside (HQ)
12. Hotel Monteleone
13. Hyatt French Quarter
14. Hyatt Place New Orleans
15. InterContinental New Orleans
16. JW Marriott New Orleans
17. Loews New Orleans Hotel
18. New Orleans Downtown Marriott at the Convention Center
19. New Orleans Marriott
20. Omni Royal Crescent Hotel
21. Omni Royal Orleans
22. Renaissance New Orleans Arts Hotel
23. Renaissance New Orleans Pere Marquette Hotel
24. Residence Inn New Orleans Downtown
25. The Roosevelt New Orleans Hotel
26. Sheraton New Orleans
27. SpringHill Suites New Orleans Downtown
28. Ritz-Carlton, New Orleans
29. W New Orleans
30. Windsor Court Hotel
31. Westin New Orleans Canal Place
32. Wyndham New Orleans French Quarter
33. Wyndham Riverfront New Orleans

HILTON NEW ORLEANS RIVERSIDE/LEVEL 1

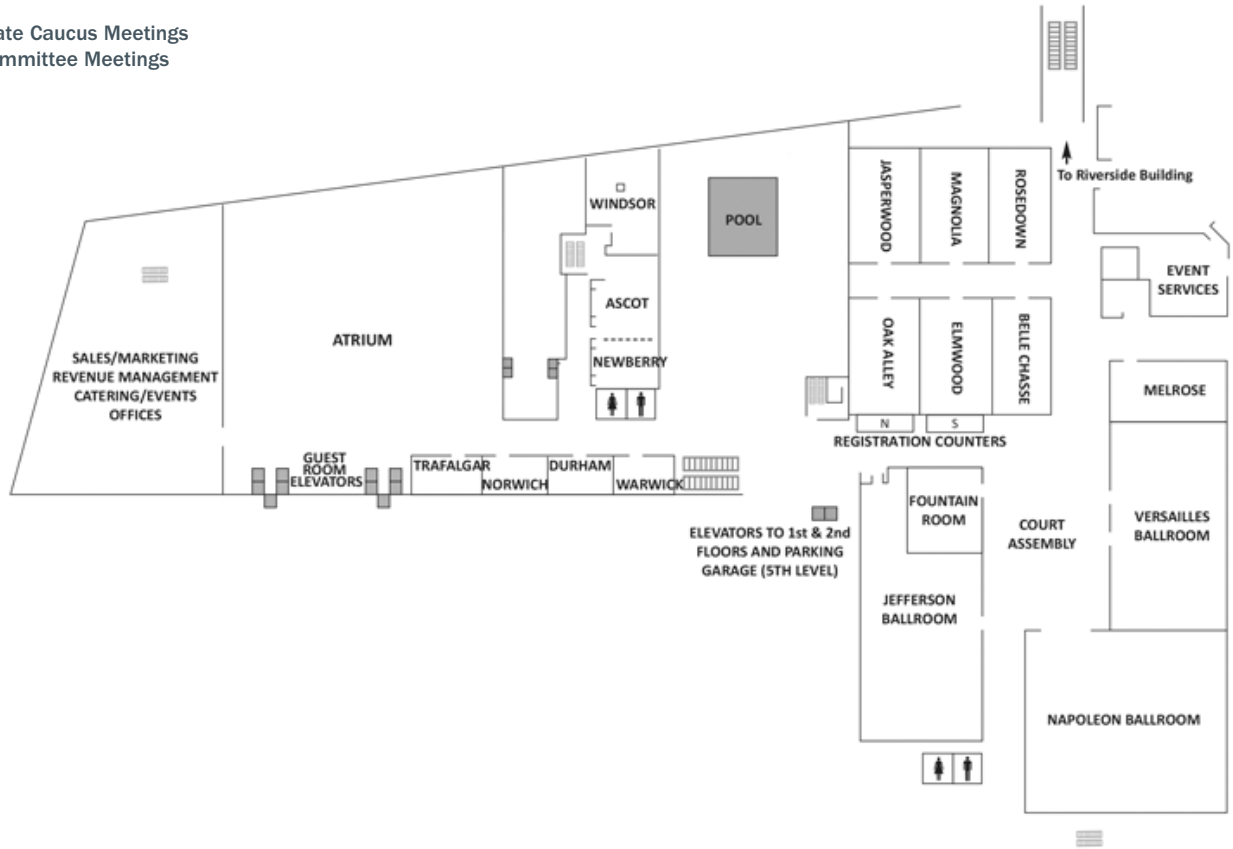


HILTON NEW ORLEANS RIVERSIDE/LEVEL 2



HILTON NEW ORLEANS RIVERSIDE/LEVEL 3

State Caucus Meetings
Committee Meetings



The following planners have disclosed that they have financial relationships with commercial interests:

Asokumar Buvanendran
Funded Research - Pzifer, Cumberland; Consulting Fees - Medtronics, Kimberly Clark
James Eisenach
Consulting Fees - Adynxx
Girish Joshi
Honoraria - Pfizer, Baxter, Pacira, Cadence, Mylan

The following planners have disclosed that they have no financial relationships with commercial interests:

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Brenda Gentz
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Scott Reeves
Mary Dale Peterson
Beverly Philip

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James Abernathy Funded Research - Pharmedium	Solomon Aronson Consulting Fees - The Medicines Company	Ansgar Brambrink Funded Research - as a co-investigator; investigator initiated multicenter trial; Karl Storz America	Vincent Chan Other Material Support - BK Medical, Philips, SonoSite, Ultrasonix
Anthony Absalom Funded Research - Unrestricted research grant from Carefusion Inc.	David Auyong Honoraria - Kimberly Clark Corporation, SonoSite	Emery Brown Funded Research - Masimo Sorin Brull; Consulting Fees - Merck	Jianguo Cheng Salary - Cleveland Clinic; Funded Research - Department of Defense Research Grant
John Allyn Ownership - Spectrum Medical Group (markets a QA product, FIDES)	Rafi Avitsian Funded Research - Hospira Inc.; Consulting Fees - Parker Hannifin Inc.	Marek Brzezinski Honoraria - Grifols Inc.	Srinivas Chiravuri Consulting Fees - St. Jude Medical
Aparna Ananth Honoraria - Physicians Insurance - Board of Directors	James Benonis Honoraria - I Flow / Kimberly Clark	Alexander Butwick Funded Research - Masimo; Other Material Support - Haemonetics Corp.	Franklyn Cladis Royalties - Textbook Editor
Dean Andropoulos Royalties - Textbook Editor; Funded Research - Hospira, NIH	Charles Berde Consulting Fees - CVS - consulting around safe opioid prescribing, Cubist - consulting around opioid antagonists in children	Maxime Cannesson Funded Research - Masimo Corp, Edwards Lifesciences; Consulting Fees - Gauss Surgical, Masimo Corp, Edwards Lifesciences	Steven Clendenen Honoraria - Cadence, Pacira
J. Ansermino Equity Position - LGT Medical; Funded Research - Draeger Medical, Covidien; Consulting Fees - GE Medical	Lauren Berkow Consulting Fees - Masimo, Teleflex, Medtronic, Ambu; Honoraria - Masimo Corporation, Teleflex Medical, Medtronic Xomed	Brendan Carvalho Funded Research - Pacira; Consulting Fees - Smith Medical	Edmond Cohen Honoraria - Speaking Honoraria from Cook Critical Care; Other Material Support - Cook Critical Care
Gregory Applegate Honoraria - University of Buffalo	Patrick Birmingham Funded Research - Cadence Pharmaceuticals	Davide Cattano Other Material Support - Haemonetic Inc provided research supply for TEG-PM	Deborah Culley Honoraria - American Board of Anesthesiology
George Arndt Ownership - WMI; Royalties - WMI; Consulting Fees - Cook Inc.; Honoraria - Cook, Inc. , NWAS	James Blum Funded Research - Retia Medical, NIH; Consulting Fees - Retia Medical		William Culp Ownership - Patent rights on fire safety device
			Andrew Davidson Consulting Fees - \$500 consulting for Matsui Pharmaceuticals Oct 2013

Miles Day
Royalties - Epimed International

Stefan De Hert
Honoraria - Abbvie and Baxter

Philip Deveraeaux
Funded Research - Abbott Diagnostics, Astra Zeneca, Bayer, Boehringer Ingelheim, Bristol-Myers Squibb, Covidien, Philips Healthcare, Stryker, Roche Diagnostics

Peter Dunbar
Salary - Talaria, Inc.; Ownership - Talaria, Inc.; Equity Position - Talaria, Inc.

Maxim Eckmann
Other Material Support - Medtronic and Boston Scientific Pain Fellowship Educational Grants, none of their products featured in this workshop

John Ellis
Ownership - destinationCME LLC; Honoraria - Baxter

Kristin Engelhard
Honoraria -Abbvie (Invited Talks), Fresenius Kabi (Invited Talks)

Mark Ereth
Other Material Support - Cheetah Developments

Lars Eriksson
Consulting Fees - Medical advisor to Alteco Medical AB; Honoraria - Lecture honoraria from Merck Inc and Abbvie AB

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Consulting Fees - Covidien, Draeger Medical Inc.

Alana Flexman
Funded Research - Hospira Inc.; Honoraria - Hospira Inc.

Amy Forbis
Salary - Attorney and Director at BBL Law

Carlo Franco
Consulting Fees - B Braun

David Gaba
Royalties - Elsevier

Richard Galgon
Consulting Fees - CardioMed Device Consultants LLC, Quintiles Consulting

Jorge Galvez
Funded Research - Microsoft

Tong Gan
Funded Research - Acacia, Cubist, Fresenius, Pacira, Purdue, AcelRx, Cheetah, Covidien, Deltex, Merck, Premier; Consulting Fees - Baxter, Edwards Life Science, Hospira, QRx; Honoraria - Merck, Edwards, Fresenius, Cadence, AcelRx

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Royalties - LWW

Steven Greenberg
Honoraria - CASMED

Leanne Groban
Royalties - Elsevier-Editor

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Katherine Hagan
No financial relationship with commercial interest.

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Consulting Fees -Unpaid consultant for Ambu A/S; Other Material Support - Research: Ambu A/S, Cadence Pharmaceuticals, Karl Storz Endoscopy, King Systems

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Honoraria - Baxter Healthcare

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Stock Options - Neuros; Funded Research - Boston Scientific, Medtronic; Consulting Fees - Boston Scientific; Honoraria - Boston Scientific

David Healy
Funded Research

Charles Hogue
Stock Options - Ornim Medical; Funded Research - Covidien, Inc.; Consulting Fees - Ornim Medical, Merck, CSL Behring

Marc Huntoon
Funded Research -CNS Therapeutics /Malinkrodt, St. Jude Medical, Medtronics

Jason Hwang
Ownership - PolkaDoc; Royalties - The Innovator's Prescription: A Disruptive Solution for Health Care

Brian Ilfeld
Funded Research - FAER Grant and NIH Career Development Grant, Summit Medical, Teleflex Medical, Baxter Healthcare, Pacira Pharmaceuticals

Giorgio Ivani
Consulting Fees - GE

Matthias Jacob
Funded Research -unrestricted research grant by GRIFOLS (basic experimental research), unrestricted research grant by Fresenius Kabi (clinical registry); Consulting Fees - member of GRIFOLS Albumin Advisory Board; Honoraria - B. Braun, Fresenius Kabi, GRIFOLS, Serumwerk Bernburg

Jonathan Jahr
Funded Research - PI on Phase 3a and 3b studies on sugammadex; Honoraria - Speaker's Bureau

Leslie Jameson
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Zeev Kain
Funded Research - NIH; Honoraria - Merck; Consulting Fees - Merck

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Other Material Support - unpaid scientific advisory board member for Ambu

Corry Kucik
Salary - US Navy

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Consulting Fees - CasMed, HeartWeb; Other Material Support - CasMed, HeartWeb

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Adam Levine
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Wilton Levine
Royalties - Codonics, Inc, Western Enterprises

Asa Lockhart
Ownership - Golden Caduceus Consultants

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Funded Research - Cadence Pharmaceuticals

Jonathan Mark
Royalties - I serve as Section Editor, Cardiac Anesthesia for UpToDate (online medical information). I have never been paid yet, but I understand that in time, I will receive royalties for my work.

Chawla LaToya Mason
Royalties - I have received royalty payments from Lippincott Williams Wilkins as a result of my serving as Associate Editor for a textbook project (Shnider & Levinson's Anesthesia for Obstetrics, 5th Edition).

Keira Mason
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William McIvor
 Funded Research - (10% salary) support grant from the AHRQ as part of Matt Weinger's multi-center sim study

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 Funded Research - Kimberly Clark, Bioness, & CNS Therapeutics; Consulting Fees - Flowonix, Medtronic Spinal, & Spinal Modulation

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 Consulting Fees - Assisted colleagues at Cedars Sinai with their implementation of the anesthesia component of the Epic electronic health record system. Paid through the Encore HR human resource organization.

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 Consulting Fees - Merck; Honoraria - Merck

David Murray
 Funded Research - Agency for Health Quality and Research (AHRQ) 3/1/2010 2/28/2014, R01 1R18HS022265-01, Principal Investigator: Murray, David John

Michael Murray
 Salary - Mayo Clinic

Kimmo Murto
 Funded Research - Janssen Pharmaceuticals

Antoun Nader
 Funded Research - Pfizer

John Neeld
 Consulting Fees - Mag Mutual Ins. Co

Dolores Njoku
 Royalties - McGraw Hill Education

Nancy Nussmeier
 Salary - Wolters Kluwer Health

Michael Oleyar
 Ownership - Founder and CEO of Chartos, Inc., a personal health records company

Wilma Ortiz
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 Other Material Support - Equipment support from SonoSite, Canada

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 Funded Research -The manufacturer of IV iron, AMAG, has provided IV iron at no cost and paid for iron labs (~\$40375 of value) for a pilot study for which I'm a co-investigator

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Aryeh Shander
 Funded Research - CSL Behring, Masimo, OPK Biotech, US Department of Defense, ZymoGenetics Inc.; Consulting Fees - American Regent, AMAG Pharmaceuticals, Baxter, CSL Behring, DARPA, Deerfield Institute, Gauss Surgical, Masimo Corp., New Jersey State District Attorney, Octapharma, OPK Biotech, Zymogenetics

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Stanton Sherman
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Roman Sniecinski
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Jose Soberon
 Funded Research - Pacira Corporation

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Francis Stellaccio
 Honoraria - Airway World

Lena Sun
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 Material Support - Board of
 Directors - Adeptus, Board of Directors-
 Wirtz Corporation

Chandy Verghese
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 Material Support - The LMA Company

Marcos Vidal-Melo
 Funded Research - investigator initiated
 grants from NIH and Merck

Eugene Viscusi
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 Pacira; Consulting Fees - AcelRx,
 Cadence, Cubist, Salix, Pacira; Honoraria
 - Cadence, Pacira, Cubist

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 Funded Research - NIH; Honoraria -
 Duke, Columbia, University of Toronto,
 UCSF, University of Wisconsin, Society of
 Critical Care Medicine

George Williams
 Funded Research- Teleflex, funded
 research project analyzing waste
 anesthetic gas levels in the post
 anesthesia care unit

Kayode Williams
 Funded Research - Named co
 investigator in Medtronic sponsored SCS
 study on mechanisms SCS in chronic
 pain study-site Johns Hopkins School of
 Medicine

Myron Yaster
 Consulting Fees -Endo pharmaceuticals;
 Purdue Pharmaceuticals; Astra Zeneca..I
 have participated in funded research or
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