Wednesday, March 6, 2019
Moderator - Daniel R. Brown, M.D., Ph.D.

6:15 a.m.  Registration and Continental Breakfast

7:00 a.m.  **Perioperative Conundrums – What Would You Do?**
Daniel R. Brown, M.D., Ph.D., Nathan D. Peffley, M.D., Charles R. Sims, III, M.D.
*Objective: Describe optimal vasopressor management in acute sepsis*
*AANA Code: Scientific Foundations – Research and Evidence-Based Practice*

8:00 a.m.  **Anesthesia for ischemic stroke revascularization**
Jeffrey J. Pasternak, M.D.
*Objective: Determine optimal anesthetic management of patients undergoing ischemic stroke revascularization*
*AANA Code: Intraoperative Management – Neuropsychology, Neuropathophysiology, Neuropsychiatry, Neuroanesthesia*

8:30 a.m.  **Is my patient weak? Improving care through advances in neuromuscular monitoring**
J. Ross Renew, M.D.
*Objective: Differentiate current monitoring techniques for neuromuscular blockade*
*AANA Code: Scientific Foundations – Neuromuscular Blocking Agents, Reversal Agents and Their Monitoring*

9:00 a.m.  **Cannabliss or cannabyss: The current state of cannabinoids for pain management**
Thomas P. Pittelkow, D.O., M.P.H.
*Objective: Discuss the role of cannabinoids in pain management*
*AANA Code: Postoperative Management – Pain Management*

9:30 a.m.  Q&A Panel Discussion

9:45 a.m.  Break

10:15 a.m.  **What would you do? Obstetric anesthesia conundrums**
Hans P. Sviggum, M.D.
*Objective: Differentiate the risks and benefits of analgesic options following cesarean delivery*
*AANA Code: Intraoperative Management – Obstetric and Gynecologic Anesthesia*

10:45 a.m.  **Challenging cases in the GI suite**
Matthew N. Vogt, M.D.
*Objective: Review criteria for screening patients to undergo outpatient procedures*
*AANA Code: Intraoperative Management – Anesthesia in Remote Locations*

11:15 a.m.  **Sub-anesthetic ketamine for perioperative analgesia**
Andrew Gorlin, M.D.
*Objective: Discuss the efficacy of perioperative subanesthetic ketamine use*
*AANA Code: Postoperative Management – Pain Management*

11:45 a.m.  Q&A Panel Discussion

12:00 p.m.  General Session Adjourns

12:15 – 4:30 p.m.  **POCUS Hands-on Workshop (Optional, additional registration fee to attend)**
Faculty: Drs. Misty A. Radosevich, M.D., Ryan C. Craner, M.D., Arun L. Jayaraman, M.D., Ph.D., Robert A. Ratzlaff, D.O., Carla P. Venegas-Borsellino, M.D.
Thursday, March 7, 2019
Moderator - Archer K. Martin, M.D.

6:45 a.m. Registration and Continental Breakfast

7:00 a.m. Breakfast with the Professor
Faculty: Hans P. Sviggum, M.D., Matthew N. Vogt, M.D., J. Ross Renew, M.D.,
Andrew W. Gorlin, M.D., Nathan D. Peffley, M.D., Charles R. Sims, M.D.

8:00 a.m. Go ahead and put me to sleep, just don’t give me any of that ANESTHESIA: What to do for our
patients concerned about postoperative cognitive changes?
Karl A. Poterack, M.D.
Objective: Examine the influence of anesthesia on the development of dementia
AANA Code: Scientific Foundations – Research and Evidence-Based Practice

8:30 a.m. Demystifying echocardiographic-driven fluid responsiveness in the perioperative setting
Arun L. Jayaraman, M.D., Ph.D.
Objective: Examine current perioperative fluid management recommendations
AANA Code: Technology – Hemodynamic monitoring including transesophageal echo

9:00 a.m. Perioperative plasma transfusion: an update for anesthesia providers
Matthew A. Warner, M.D.
Objective: Examine current recommendations about perioperative plasma transfusion
AANA Code: Intraoperative Management – Fluid and Hematology Management under Anesthesia

9:30 a.m. Q&A Panel Discussion

9:45 a.m. Break

10:15 a.m. Update in pediatric anesthesiology
Michael E. Nemergut, M.D., Ph.D.
Objective: Describe current evidence on appropriate perioperative pediatric pain management
AANA Code: Intraoperative Management – Pediatric Anesthesia

10:45 a.m. The impact of perioperative adverse events on anesthesia providers
Robyn E. Finney, APRN, CRNA, DNAP
Objective: Describe second victim phenomenon and identify new initiatives to mitigate the impact of adverse events on well-being
AANA Code: Professional Aspects – Staff Development

11:15 a.m. Rapid, Practical Perioperative Ultrasound Use – Why it takes longer to find the ultrasound machine
and turn it on, than it does to find a diagnosis
Robert A. Ratzlaff, D.O.
Objective: Describe the perioperative indications and uses of ultrasound in the hypotensive and hypoxic patient
AANA Code: Intraoperative Management – Cardiovascular Anatomy, Physiology, Pathophysiology, and Anesthesia Management

11:45 a.m. Q&A Panel Discussion

12:00 p.m. General Session Adjourns

12:15 – 4:30 p.m. POCUS Hands-on Workshop (Optional, additional registration fee to attend.)
Faculty: Misty A. Radosevich, M.D., Ryan C. Craner, M.D., Arun L. Jayaraman, M.D., Ph.D.,
Robert A. Ratzlaff, D.O., Carla P. Venegas-Borsellino, M.D.
Friday, March 8, 2019
Moderator - Harish Ramakrishna, M.D.

6:45 a.m.  Registration and Continental Breakfast

7:00 a.m.  Breakfast with the Professor
Faculty: Karl A. Poterack, M.D., Matthew A. Warner, M.D., Michael E. Nemergut, M.D., Ph.D., Robyn E. Finney, APRN, CRNA, DNAP

8:00 a.m.  Resuscitation status in the perioperative environment: Doesn’t my patient have to be a Full Code?
Jeffrey B. Jensen, M.D.
Objective: Identify current recommendations about maintaining perioperative code status
AANA Code: Professional Aspects – Ethics of Anesthesia Care

8:30 a.m.  Is it time to save the best for last? Revisiting the interscalene block for shoulder surgery
Jason K. Panchamia, D.O.
Objective: Discuss analgesic strategies for shoulder surgery
AANA Code: Intraoperative Management – Regional Anesthesia: Peripheral Nerve Blocks

9:00 a.m.  Neuro gadgets and non-neuro surgery
Tasha L. Welch, M.D.
Objective: Discuss the management of deep brain stimulators in non-neurologic surgery
AANA Code: Technology – Miscellaneous Equipment and New Technology

9:30 a.m.  Q&A Panel Discussion

9:45 a.m.  Break

10:15 a.m.  Pitfalls in cognition: Why do smart people make mistakes?
George D. Gilkey, M.D.
Objective: Define common cognitive biases and their manifestations in anesthesiology
AANA Code: Professional Aspects – Staff Development

10:45 a.m.  Quality in anesthesia: Searching for meaningful data
Ryan C. Craner, M.D.
Objective: Identify strategies to implement quality improvement projects in anesthesia practice
AANA Code: Professional Aspects – Practice Management

11:15 a.m.  Breastfeeding and anesthesia
Sarah E. Dodd, M.D.
Objective: Examine current evidence on breastfeeding after sedation and anesthesia
AANA Code: Postoperative Management – Discharge Care

11:45 a.m.  Q&A Panel Discussion

12:00 p.m.  Day Adjourns
Saturday: March 9, 2019
Moderator – Adam K. Jacob, M.D.

6:45 a.m.  Registration and Continental Breakfast

7:00 a.m.  Breakfast with the Professor
Faculty:  Jeffrey B. Jensen, M.D., Jason K. Panchamia, D.O., Tasha L. Welch, M.D.,
George D. Gilkey, M.D., Ryan C. Craner, M.D., Sarah E. Dodd, M.D.

8:00 a.m.  Anesthetic exposure and the developing brain; Emerging clinical evidence
Randall Flick, M.D., M.P.H.
Objective: Examine the influence of anesthesia on pediatric brain development
AANA Code: Scientific Foundations – Research and Evidence-Based Practice

8:30 a.m.  Emerging truncal plane blocks
Robert L. McClain, M.D.
Objective: Describe emerging truncal blockade techniques
AANA Code: Postoperative Management – Pain Management

9:00 a.m.  Preventing maternal mortality in 2019
Katherine W. Arendt, M.D.
Objective: Review the management of peripartum hemorrhage
AANA Code: Intraoperative Management – Obstetric and Gynecologic Anesthesia

9:30 a.m.  Q&A Panel Discussion

9:45 a.m.  Break

10:15 a.m.  ECMO: Peeking inside the “Black Box”
Troy G. Seelhammer, M.D.
Objective: Discuss the key elements of extracorporeal membrane oxygenation
AANA Code: Technology – Ventilators/ECMO and other respiratory adjuncts

10:45 a.m.  Anesthetic management of patients with congenital heart disease undergoing non-cardiac surgery
Elena Ashikhmina, M.D., Ph.D.
Objective: Describe management strategies for patients with congenital heart disease undergoing noncardiac surgery
AANA Code: Intraoperative Management – Cardiovascular Anatomy, Physiology, Pathophysiology, and Anesthesia Management

11:15 a.m.  Update on anesthesia for liver surgery
David M. Rosenfeld, M.D.
Objective: Identify key management principles of hepatobiliary surgery
AANA Code: Intraoperative Management – Hepatobiliary and Gastrointestinal Disorders and Anesthesia

11:45 a.m.  Q&A Panel Discussion

12:00 p.m.  Course Adjourns