



OPEN MEDICAL INSTITUTE

SEMINAR REPORT

PEDIATRIC ANESTHESIA AND CRITICAL CARE OMI MEX CHOP SEMINAR

April 12-14, 2023

Medical Education Beyond Borders



F A C T S



28 fellows
from **Mexico &
Peru**



12 fellows' case
presentations



4 faculty members
from the USA



3 excellent case
presentations



12 didactic lectures



1 ultrasound workshop

GROUP PHOTO





OMI MEX CHOP Seminar in Pediatric Anesthesia and Critical Care

Wednesday, April 12 – Friday, April 14, 2023

	Monday April 12	Tuesday April 13	Wednesday April 14
08:00 – 09:00	REGISTRATION & BREAKFAST	REGISTRATION & BREAKFAST	REGISTRATION & BREAKFAST
09:00 – 10:00	Introductions Pre-Seminar Test	Neonatal Anesthesia Justin L. Lockman, MD, MSEd	Evaluation of Shock and Hypotension with Point of Care Ultrasound Elaina E. Lin, MD
10:00 – 11:00	Medication Safety: Preventable Errors in the Operating Room Heather A. McClung Pasqualino, MD	Pediatric Acute Burn Trauma Heather A. McClung Pasqualino, MD	An Approach to Difficult Conversations Aaron G. DeWitt, MD
11:00 – 11:30	COFFEE BREAK	COFFEE BREAK	COFFEE BREAK
11:30 – 12:30	Sedation Strategies for Patients with Congenital Heart Disease after Surgery Aaron G. DeWitt, MD	Anesthesia Management in Fetal Surgery Elaina E. Lin, MD	Ultrasound Workshop Elaina E. Lin, MD Aaron G. DeWitt, MD
12:30 – 13:30	Pediatric Point of Care Ultrasound Elaina E. Lin, MD	Pediatric Procedural Sedation Heather A. McClung Pasqualino, MD	
13:30 – 14:30	LUNCH	LUNCH	LUNCH
14:30 – 15:30	Pediatric Trauma and Traumatic Brain Injury Justin L. Lockman, MD, MSEd	Lymphatic Imaging and Intervention in the 21st Century Aaron G. DeWitt, MD	Controversies in Pediatric Anesthesia Justin L. Lockman, MD, MSEd, MSEd
15:30 – 17:00	Workshop Fellows' Case Presentations Elaina E. Lin, MD Justin L. Lockman, MD, MSEd	Workshop Fellows' Case Presentations Aaron G. DeWitt, MD Heather A. McClung Pasqualino, MD	<u>15:30 – 16:00</u> Post-Seminar Test <u>16:00 – 16:30</u> Evaluation & Discussion <u>16:30 – 17:00</u> Closing Ceremony & Awards All Faculty

Learning Objectives for Participants:

At the conclusion of this seminar, the participant should be better able to:

- 1) Discuss clinical management (and some problems with management) for some of the most common critical illnesses and anesthesia techniques in children.
- 2) Be exposed to some rare, new, and/or complex procedures or situations in pediatric medicine and discuss how to deal with them.
- 3) Have an opportunity to present an unusual medical case to an audience of faculty and other fellows and answer questions from the audience about the presentation.

ACCME Accreditation Statement

Children's Hospital of Philadelphia is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

AMA Credit Designation Statement

Children's Hospital of Philadelphia designates this live activity for a maximum of 17 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

FELLOWS



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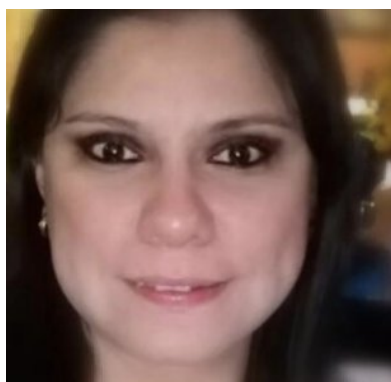
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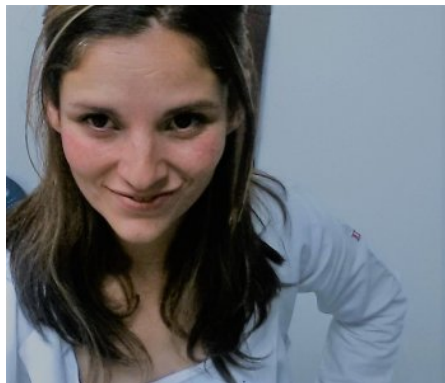
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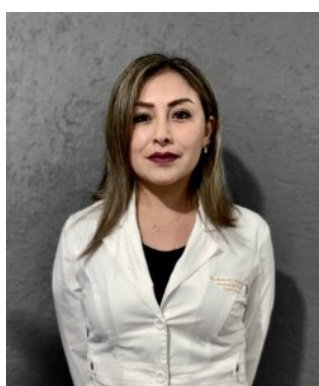
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**Justin L. Lockman, MD, MEd
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Justin L. Lockman, MD, MEd is a pediatrician and anesthesiologist who specializes in pediatric critical care and pediatric anesthesiology. Dr. Lockman grew up outside of Washington, DC as one of seven children in his family. After graduating from The College of William and Mary in Williamsburg, Virginia, Dr. Lockman attended medical school at Vanderbilt University in Nashville, Tennessee. He subsequently completed residency training in general pediatrics as well as anesthesiology before completing fellowship training in both pediatric anesthesia and pediatric critical care – all at Johns Hopkins Hospital in Baltimore, Maryland. After joining the faculty of the Children's Hospital of Philadelphia (CHOP) in Philadelphia, Pennsylvania in 2011, Dr. Lockman completed a master's degree in medical education. He spent years as the Pediatric Anesthesiology Fellowship Program Director at CHOP, and for several years now has served as Associate Chair for Education for the Department of Anesthesiology and Critical Care Medicine at CHOP. Dr. Lockman's research interests include medical education, simulation-based learning, and professionalism in medicine. He is a peer reviewer for several journals in his fields of expertise, and he recently completed a term on the Board of Directors for the Society for Pediatric Anesthesia. He lives outside of Philadelphia with his wife, Meghan, and their two children. He spends all his spare time playing piano in a jazz trio and a Beatles band.



Aaron G. DeWitt, MD

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Aaron G. DeWitt, MD is a pediatric cardiologist who specializes in the critical care of neonates and children with congenital and acquired heart disease and adults with congenital heart disease. Dr. DeWitt grew up in Hudson River Valley of Upstate New York. He completed his undergraduate studies at Dartmouth College in Hanover, New Hampshire before returning to his home state of New York to attend medical school at the University of Rochester in Rochester, NY. After graduating, he remained in Rochester, NY for his internship, residency, and chief residency in pediatrics. Finally, his training took him to Ann Arbor, Michigan for pediatric cardiology fellowship following which he was the Samara Mendu fellow in cardiac critical care. Since 2014, he has been an assistant professor in the division of cardiac critical care medicine and The Children's Hospital of Philadelphia and Perelman School of Medicine. Dr. DeWitt's research, educational, and quality improvement interests include neonates with critical heart disease, palliative care in pediatric heart patients, and improving care delivery to heart patients with chronic critical illness. He is also inpatient medical director of Jill & Mark Fishman Center for Lymphatic Disorders, the world's premier center for patients with lymphatic disease. He is medical director of the Advanced Cardiac Therapeutics ICU, a new ICU dedicated to delivering optimal care and rehabilitation to pediatric patients with temporary and durable mechanical ventricular support. He lives just outside of Philadelphia with his wonderful wife Charu and their two children, Riya and Milun.



Elaina E. Lin, MD

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Elaina E. Lin, MD is an attending pediatric anesthesiologist at the Children's Hospital of Philadelphia and assistant professor at the University of Pennsylvania Perelman School of Medicine. She is director of perioperative ultrasound and leads educational workshops and clinical protocols for bedside ultrasound. She completed medical school at Johns Hopkins. Following a research fellowship at the National Institutes of Health (NIH), she completed an anesthesiology residency at Johns Hopkins and a pediatric anesthesia fellowship at the Children's Hospital of Philadelphia. Her research interests include ultrasound use in the perioperative period, anesthesia for fetal surgery, and COVID in the pediatric surgical population.



Heather A. McClung Pasqualino, MD

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Heather A. McClung Pasqualino, MD is currently a pediatric anesthesiologist at the Children's Hospital of Philadelphia. Dr. McClung is from the Philadelphia area and graduated from LaSalle University in Philadelphia, Pennsylvania where she also played for the LaSalle University women's soccer team. She worked for SmithKline Beecham Pharmaceuticals Department of Bone and Cartilage Biology before attending Johns Hopkins Medical School in Baltimore, Maryland. Dr. McClung completed residency training in anesthesiology at The Hospital of the University of Pennsylvania and a fellowship in pediatric anesthesia at The Children's Hospital of Philadelphia. She spent the first 10 years of her pediatric anesthesia career at St. Christopher's Hospital for Children in Philadelphia which is also the area's regional burn treatment center. Dr. McClung subsequently returned to join the faculty of The Children's Hospital of Philadelphia (CHOP) where she has been the Associate Medical Director for Radiology Anesthesia Sedation Services as well as serving in many other operational and quality improvement roles within the department. Her interests are non-operating room anesthesia (NORA) as well as quality improvement and medication safety. She lives outside of Philadelphia with her husband, Dominic, and their two sons who keep her very busy with basketball games.



Becky Aguilar-Álvarez de Sáenz

Executive Director | AMSA

- Bachelors degree in economics, Instituto Tecnológico Autónomo de México (ITAM)
- Banking and financial career for 15 years
- Member of the Board Civic Committee, Ford Motor Company Mexico
- Treasurer of the Board of Trustees UNETE (Unión de Empresarios por la Tecnología en la Educación)
- Member of the International Women's Forum
- Member of the Mexican Council for International Affairs
- AMSA's Executive Director since 2010



Gerardo Legorreta Creel

President of the Board | AMSA

- Chairman of the Board of Trustees, Alianza Médica para la Salud, A. C. (AMSA)
- Studied at the London Business School and Instituto Tecnológico Autónomo de México (ITAM)
- CEO of UBS (Union Bank of Switzerland)
- Member of the Board of Directors of Bepensa, SA de CV
- Founder and Managing Director of LG & A

OMI VOICES

Faculty Feedback

"The first OMI MEX CHOP seminar in Pediatric Anesthesia and Critical Care was a resounding success. The course included content about clinical management, recent innovations, patient safety and associated best practices, and interactive discussions about controversial issues in the field. Faculty and fellows had the opportunity to share knowledge about point of care ultrasound during an ultrasound workshop that included live pediatric models. Best of all, it was a true cultural exchange in many ways. We look forward to returning!"

Justin L. Lockman, MD, MEd

Pediatric Anesthesia and Critical Care



OMI VOICES



“ I was so inspired by the work that Dr. Lin does in ultrasound, and I was able to exchange experiences in quality and safety issues with Dr. McClung Pasqualino. Those interactions were very enriching for me.

Carlos Ixbalamque Rodriguez Herrera, MD
OMI MEX fellow from Mexico



“ The ultrasound workshop was very impressive. We were able to practice what we had learned in the course with real patients.

Sheila Cristel Romero Sernas, MD
OMI MEX fellow from Mexico



“ Dr. Lockman and Dr. DeWitt discussed communication with a patient's family. I had not previously learned about how to deal with this; it was very good for me. In Peru, we still have a lot to improve regarding communication.

Xiomy Ruiz, MD
OMI MEX fellow from Peru



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