GEORGE WASHINGTON UNIVERSITY

GLOBAL EMEGENCY MEDICINE DIVISION

FALL/WINTER 2025 NEWSLETTER

GWU Global EM Division

Fall 2025 Updates

The Global Emergency Medicine Division continues to expand its impact through international education, faculty development, research, and collaborative partnerships. This fall, our faculty, fellows, and partners engaged in meaningful work across three countries including Saudi Arabia, Rwanda, India, and over 25 health facilities, strengthening emergency care systems and training the next generation of leaders in emergency medicine.

Drs. Kate Douglass, Rob Shesser, Adrienne Clermont, Joe Pauly and faculty from Saudi at the 4th International EM conference in Saudi Arabia

Building Academic Leaders in Emergency Medicine

The team led a two day Faculty Development Program Intensive Workshop in Saudi Arabia that strengthened the research, teaching, and leadership capacity of **15 academic emergency medicine physicians** through interactive sessions focused on curriculum design, bedside teaching and managing difficult learners, communication and teamwork, leadership development, mentorship, and applied quality improvement work.

Thought Leadership in Advancing EM in Saudi Arabia

The team traveled to Saudi Arabia to participate in the 4th International Conference of Emergency Medicine (HMG ICEM 2025). Faculty members Drs. Kate Douglass, Joe Pauly, Adrienne Clermont Rob Shesser (pic above), Shweta Gidwani and Ray Lucas delivered invited lectures, contributing expertise across a range of emergency medicine topics.

Dr. Joe Pauly (pic on the left) presented on the innovative use of drones in global emergency medicine, highlighting emerging technologies that enhance access, response time, and care delivery in resource limited and disaster settings.

Teaching, Clinical Mentorship & System Strengthening in Rwanda

In August, the team, including Drs. Aubrie Ford, Jerry Oommen, and Mallika Manyapu (pic above and to the right), co-led a full-day emergency medicine residency conference at King Faisal Hospital in Kigali, Rwanda, and designed an interactive mass casualty and resource allocation workshop for hospital leadership and department heads. Using a low-cost, visual exercise, the workshop emphasized decision-making under constrained conditions.

The team also traveled to multiple district hospitals to develop a standardized airway checklist for emergency departments. The checklist has since been printed and is now in use across King Faisal Hospital (KFH) emergency departments, representing a tangible systems improvement outcome.

In December, the team, including Drs. Adrienne Clermont and Mallika Manyapu, supported medical education at the University of Global Health Equity (UGHE) in Kigali, Rwanda by providing:

- Level-appropriate emergency medicine education for UGHE medical students on EM clerkship
- Daily bedside teaching across hospital sites
- Weekly didactic lecture days
- Journal club leadership for King Faisal Hospital residents

Ongoing support of the KFH emergency medicine residency program continues to strengthen longitudinal educational partnerships in Rwanda.

Training the Next Gen of EM Physicians on India

Dr. Tania Ahluwali from Seattle Children's Hospital with airway mannikins from the INSPIRE SharkTank Grant.

Pediatric Emergency Medicine Workshops

A pediatric emergency medicine team traveled to India to conduct a workshop on pediatric traumatic injuries for MEM residents, reaching over **130 emergency medicine and pediatric trainees**. Participants included PGY 1 to PGY 3 trainees from **18 programs across 8 cities in India**. The team included Drs. Susan Owens, Tania Ahluwalia, Manu Madhok, & Maria Elena Arrate.

Procedures in Low Resource Settings

In India, hands-on procedural training emphasized adaptability and innovation in resource-limited environments. Faculty developed: needle decompression and chest tube models, alternative intraosseous access using bone marrow needles, and improvised tibial models using raw chicken legs due to limited standard training equipment.

World Resuscitation Conference in Madurai

The team (Dr. David Yamane, Dr. Gina Patel, & Dr. Josh DeBlieux, pic above) from GWU Critical Care/Emergency Medicine traveled in early December for the World Resuscitation Conference in Madurai. Presentations from the team included: how to run a code, abdominal compartment syndrome, the kitchen sink approach: septic shock and awe, operation rescue: salvage therapy in refractory hypoxia.

New Awards and Fellows

New Award Alert!

Dr. Jerry Oommen, DO, a second-year fellow, is an inaugural recipient of the **GW Global Health Legacy Fellowship** for his project, *Scaling Up Emergency Resuscitation in Uganda*. His work integrates innovative, technology-enabled approaches to advance emergency care delivery in low-resource settings. To learn more about this project or collaborate, reach out to Dr. Jerry Oommen (jerryzoommen@gmail.com).

Meet our 2025 GEM Fellow

We are excited to welcome our fellow **Dr. Adrienne Clermont to the Global Emergency Medicine team**! In just her few months of joining Dr. Clermont has contributed to global emergency medicine education across India, Saudi Arabia, and Rwanda, supporting curriculum development, faculty mentorship, and medical student teaching.

Congratulations to MEM Program Class of 2025!

More than **90 physicians** graduated from the MEM Program this summer, strengthening emergency care capacity across **21 hospital sites** in India.

Interested in learning more?

If you are interested in learning more about the Global EM division, including project opportunities, teaching initiatives, or research, please reach out to one of the Global EM faculty or fellows, visit our website below, or email rriemadmin@gwu.edu!
https://reaganinstitute.smhs.gwu.edu/global-emergency-medicine

Check out some of our faculty's latest publications.

- Filling the Data Gap: A Call for Research on Women and Gender Workforce Issues in Anesthesia, Emergency Medicine, and Critical Care in Africa
- Enhancing Knowledge and Skills in Pediatric Neurologic Emergencies: A Simulation-Based Medical Education Program for Emergency Medicine Trainees India
- Online learning and emergency global health partnerships: a qualitative study of virtual grand rounds.
- Pediatric Myocarditis in a Community Pediatric Emergency Department: A Case Series
- Cutting Through Barriers: Laceration Showcase and Virtual Procedure Lab for Emergency Medicine Trainees in India