

PROGRAM DESCRIPTION

- 832 clinical hours (two 8-hr shifts/week)
- \$110,000 salary
- \$3,750 CME
- Equipment: M9, TE7 (2), M7 (2), Butterfly IQ (5)
- Q-Path archiving

CLINICAL AND TECHNICAL ACUMEN

- 1-2 scanning shifts with faculty per week
- Weekly QA case review with US faculty
- Echocardiography (TTE/TTE) Simulator
- Non-ED: TEE, nerve blocks, MSK, MICU

RESEARCH AND SCHOLARLY ACHIEVEMENT

- Several ongoing clinical and education research projects, chapter writing
- Monthly EM Research Committee meetings
- EM Research Coordinator for study design, IRB, and statistical support
- EMdocs.net US Probes

OUR HOSPITAL

- Diverse, inner-city location
- Public (county-type) hospital
- High critical care, trauma (Level 1), & procedural volume
- Physician-at-triage, Acute, Trauma, Fast Track, & Pediatric zones, mid-level providers
- Adult double coverage 24/7
- 100,000 patients per year

EDUCATION, THEORY, AND CURRICULAR DESIGN

- Undergraduate Medical Education
 - Longitudinal Medical Student Curriculum
 - Ultrasound Interest Group
 - MS3/4 Electives
- Residency
 - Scanning Rotation
 - Biweekly POCUS Rounds
- Local
 - NJ ACEP POCUS Course
 - Rutgers NJMS POCUS Course
- Global
 - Israeli Association of Emergency Medicine POCUS Workshop in Tel Aviv
 - Annual Conference of the Mexican Association of Emergency and Disaster Medicine
 - Ghana/Nicaragua with Global Health EM faculty

ADMINISTRATION AND BILLING/REVENUE

- Company liaison, machine maintenance
- Financials with EM Director of Business Ops

OUR DEPARTMENT

- Medical school-based academic department
- 45 full-time faculty
- 4-year residency program (9 residents/year)
- 60% academia/fellowships
- Diversity & Inclusion
 - Faculty (22% URiM, 57% women)
 - Residency (29% URiM, 51% women)

CONTACT

Stephen Alerhand, MD (stephen.alerhand@gmail.com)

Emergency Ultrasound Fellowship Director

Stephen Alerhand MD is an Assistant Professor of Emergency Medicine. He completed both his Emergency Medicine Residency and Emergency Ultrasound Fellowship at the Icahn School of Medicine at Mount Sinai. During this time, he was bestowed local and national awards in ultrasound education. He has published numerous peer-reviewed studies, reviews, and book chapters in Emergency Ultrasound. He also operates the US Probes section for the EMDocs.net FOAM site that receives up to 9,000 views per day. Nationally, Dr. Alerhand serves as Co-Chair of the ACEP Ultrasound Residency Education Committee. Internationally, he is the Director of the Annual Critical Care Ultrasound Workshop for the Israeli Association of Emergency Medicine.

Ilya Ostrovsky MD is an Assistant Professor of Emergency Medicine. He received his medical degree and completed residency training as Chief Resident at Rutgers NJMS, and then stayed on as faculty. After residency, he finished the Ultrasound Leadership Academy and then the Resuscitation Leadership Academy. He has a passion for emergency ultrasound, and his true interest lies in the incorporation of ultrasound into the field of critical care. He loves to teach and was awarded by the residents with the annual Attending of the Year Award.

