



# SAUSHEC EMERGENCY MEDICINE RESIDENCY

## Overview

- San Antonio Uniformed Services Health Education Consortium (SAUSHEC) Emergency Medicine.
- 3-Year (EM1-2-3) Categorical Program. Fully accredited by ACGME.
- Jointly sponsored by US Army and Air Force.
- Located in beautiful, sunny San Antonio, TX.
- 16 residents per class; 8 Army, 8 Air Force.

## Program Highlights

- Combined resources of two large military medical centers.
- Affiliated with the University of Texas Health Science Center at San Antonio (UTHSCSA) and the Uniformed Services University of the Health Sciences (USUHS) in Bethesda, MD.
- High acuity EDs with combined volume of 185,000.
- Three level I trauma centers, burn unit, NICU and multiple ICUs.
- Excellent mix of high acuity medical, trauma, pediatric and geriatric patients.
- World-class didactics, protected Grand Rounds time, nationally-recognized visiting professors.

## Facilities

- **BAMC** - Brooke Army Medical Center - primary teaching site.
  - 36,000 pts/yr main ED. 12,000 pts/yr primary care clinic staffed by physicians & PAs.
  - 21% admission rate; level I trauma center; adjacent Institute for Surgical Research
- **WHMC** - Wilford Hall Medical Center - primary teaching site.
  - 38,000 pts/yr main ED. 22,000 pts/yr acute care clinic staffed by PAs.
  - 18% admission rate, level I trauma center; Pediatric ICU, high risk OB and NICU
- **UTHSCSA** - University of Texas Health Science Center at San Antonio - affiliated teaching site.
  - 50,000 pts/yr main ED. 15,000 pts/yr minor care clinic staffed by PAs.
  - 24% admission rate, level I trauma center. Medical, dental and nursing schools.
- Other affiliated institutions with single rotations include Christus Santa Rosa, Brackenridge and Bellevue hospitals.

## Faculty

- 27 full-time military faculty with a strong mix of clinical and academic experience and junior and senior-level rank. All are board certified or eligible in emergency medicine.
- 2 fellowship-trained in EMS, 2 in toxicology, several faculty have multiple degrees including MD/JD and MD/MPH. 2 are dual-boarded in internal medicine and pediatrics.
- Several UT faculty dual-boarded, including toxicology and surgery.
- Recent achievements include 3 chapters in *Rosen's Emergency Medicine*, *Prehospital Systems and Medical Oversight*, 2 national committee appointments, reviewers for *Annals of Emergency Medicine*, *Academic Emergency Medicine*, *Prehospital Emergency Care*, *Journal of Emergency Medicine*, *Emergency Medicine Journal*, and *Military Medicine*, consulting editor for *Annals*, and editor on the *Military Medicine* board.
- Several UT faculty are active in state and national organized emergency medicine and are collaborators on a large Robert Wood Johnson asthma treatment grant project.
- Military faculty possess a wide range of operational experiences.

## World-Class Didactics

- Weekly Grand Rounds covering all aspects of the Model of Emergency Medicine Practice.
- Resident Grand Rounds time is protected on all EM and off-service rotations.
- Comprehensive month-long orientation for all new EM-1s.
- Visiting professor series invites national experts to Grand Rounds.
- Weekday Morning Report in oral board format covers focused topics in small group setting.
- Monthly life support procedure lab focuses on resuscitative techniques.
- Evidence-based medicine journal club.
- New Human Patient Simulator Center at BAMC provides exposure to high-fidelity simulation.
- Joint medicine, pediatric, and trauma conferences.
- Principles of research course.
- Annual Joint Services Symposium held in spring in San Antonio.
- Seniors attend national conference in major convention city.
- ACLS, PALS, Critical Care Medicine courses provided to EM-1s.
- Integrated Military Unique Curriculum including field experience (Bushmaster instructor).
- Educationally supportive competency-based evaluations in all phases of residency

## Emergency Medicine Rotations

- BAMC and WHMC are primary clinical sites.
- Full departmental status at both sites.
- Residents manage all emergency patients presenting to military medical centers.
- Faculty supervision in ED 24/7.
- Graded progression of responsibility through residency.
  - EM-1s focus on fundamentals of emergency practice.
  - EM-2s concentrate on resuscitations and multitasking.
  - EM-3s manage and supervise the entire department.
- 4 bed ED observation unit at BAMC
- Active ultrasound training and use in EDs
- UTHSCSA and Brackenridge Hospital (Austin) provide inner city adult and pediatric cases.

## Off-Service Rotations

- Medicine, surgery, anesthesia, ObGyn, and orthopedics establish competency in fundamentals.
- Critical care rotations in medical, surgical, pediatric and cardiac care units and UT trauma service.
- World-class away rotations in toxicology at New York Poison Control Center; EMS in Austin, TX; and pediatric EM in Austin, TX.
- Unique operational rotation at the Casualty Care Research Center at USUHS, Bethesda, MD.

## Curriculum

EM-1

<b>Orientation</b>	<b>EM</b>	<b>EM</b>	<b>EM</b>	<b>EM</b>
<b>EM</b>	<b>Medicine</b> BAMC/WHMC	<b>MICU</b> BAMC/WHMC	<b>Surgery</b> BAMC/WHMC	<b>CCU</b> BAMC
<b>Anesthesiology</b> BAMC/WHMC	<b>Orthopedics</b> UTHSC EM	<b>Research</b> (1/2 block)	<b>EM</b> (1/2 block)	

EM-2

<b>EM</b>	<b>EM</b>	<b>EM</b>	<b>EM</b>	<b>EM</b>
<b>EM</b>	<b>PICU</b> Santa Rosa	<b>Trauma</b> UTHSCSA	<b>SICU</b> BAMC/WHMC	<b>OB/GYN</b> UTHSCSA
<b>EMS</b> Austin	<b>Peds EM</b> Brackenridge	<b>Community EM</b> UTHSCSA		

EM-3

<b>EM</b>	<b>EM</b>	<b>EM</b>	<b>EM</b>	<b>EM</b>
<b>EM</b>	<b>EM</b>	<b>EM</b>	<b>Operational EM</b> CCRC- Washington DC	<b>Toxicology</b> NYC
<b>EM Admin</b>	<b>Research</b>	<b>Elective</b>		

## Benefits & Wellness

- Military salary and benefits compare very favorably to civilian resident compensation.
- Comprehensive medical, dental, vision, disability, retirement, and malpractice package.
- Allowances for moving, travel and uniforms.
- Program has been in full compliance with new ACGME duty hour rules for over a decade.
- BAMC and WHMC EM shifts generally 9 hours in length – affords time to read and be with family.
- 3 weeks of leave per year with additional time off during holidays possible.
- 4 resident days per year (faculty provides ED coverage).
- Monthly Chief Resident breakfast.

## Legacy of Excellence

- One of the most established programs in the nation – 1977.
- 100% ABEM board passage rate over past 5 years
- Routinely places in the top 10 – 15% of programs for In-Training scores.
- Former faculty and residents include the current president of ACEP; chairmen of departments at Methodist Hospital, IN, and Northwestern University, Chicago; Air Force and Army Consultants to the Surgeons General; program directors at Madigan Army Medical Center and Michigan State University; Department Chief at Darnall Army Community Hospital; Division Surgeon of the 82<sup>nd</sup> Airborne Division; and authors of *Atlas of Emergency Medicine*, and *Handbook of Medical Photography*.

## Why SAUSHEC Emergency Medicine?

- Combined strength of 3 major hospitals and level I trauma centers.
- Outstanding faculty with active research program.
- Comprehensive didactics and educational program.
- Great location – big city culture and amenities with small town attitude and low cost-of-living. Sunny and warm year-round - ideal for outdoor activities.
- Excellent track record of ABEM In-Training scores and board pass rates.



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Brooke Army Medical Center



Wilford Hall Medical Center

## Application Information

**Information and Updates** - *It is vitally important for all applicants to check with their respective services graduate medical education offices and advisors for up-to-date information and requirements on the application process.* This brochure is for informational purposes only and is not intended as specific service regulation or rules.

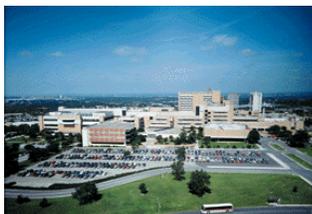
**Eligibility** - U.S. citizenship and a graduate of an accredited U.S. school of medicine. Graduates from foreign medical schools must possess a standard certificate from the Educational Commission for Foreign Medical Graduates (ECFMG). Fourth-year medical students, interns, GMOs, as well as other eligible candidates may apply. Most of our applicants have an HPSP, USUHS, ROTC, USMA, or USAFA obligation. Civilian or non-obligated military applications are also considered. Acceptance in the program necessitates a military contract and obligation. Contact the Army or Air Force GME Offices for more details.

**Applications** – Applicants are reminded to file their official applications, *to include official copies of transcripts, letters of recommendation, board scores, etc*, directly with and in accordance with the rules of their respective service GME Offices. *Be sure to adhere to the deadlines published by the GME Offices.*

**Interviews** - Generally conducted in the months of September and October. *It is imperative that applicants contact the program in August to schedule an interview. Interview slots fill quickly and late schedulers may find available slots filled.* In-person interviews are preferable; however, telephone interviews are offered in situations of deployment, overseas assignments, and other reasonable circumstances. Please submit your *curriculum vitae* and any additional information you wish to provide prior to the interview.

**Criteria for Selection** – Is set by the services surgeons general and includes potential for success in emergency medicine, academic performance in medical school, board scores, letters of recommendation, demonstrated interest in military service, leadership potential, physical, mental, and ethical fitness.

**Medical Student Rotations** – Fourth year medical students may request a month-long clerkship at either WHMC or BAMC. This rotation provides an excellent opportunity to experience the excitement and intensity of SAUSHEC emergency medicine. Contact the BAMC or WHMC GME Offices and obtain a slot from the hospital medical student coordinator. July-October are peak months and slots are limited, so schedule early.



UTHSCSA



Alamo



San Antonio Skyline

# Points of Contact

## To Schedule an Interview

Ms. Becky Sullivan  
Phone: (210) 292-7626  
[Rebecca.sullivan@lackland.af.mil](mailto:Rebecca.sullivan@lackland.af.mil)

## To Schedule a Medical Student Rotation

Brooke Army Medical Center  
Ms. Sandy Robles  
Phone: (210) 916-3231  
1-800-531-1114 ext. 63231  
[sandy.robles@amedd.army.mil](mailto:sandy.robles@amedd.army.mil)

Wilford Hall Medical Center  
Ms. Jaime Acevedo  
Phone: (210) 292-7441  
[jaime.acevedo@lackland.af.mil](mailto:jaime.acevedo@lackland.af.mil)

## To File an Official Application

Army Directorate of Medical Education  
5109 Leesburg Pike, Skyline 6, Room 691A, Falls Church, VA 22041-3258  
Phone: (877) 633-2769 toll free  
[dasg.zhm@otsg.amedd.army.mil](mailto:dasg.zhm@otsg.amedd.army.mil)

Air Force HQ AFPC/DPAME  
550 C Street W Suite 25  
Randolph AFB, TX 78150-4727  
Phone: (800) 531-5800 toll free  
[afpc.dpame@randolph.af.mil](mailto:afpc.dpame@randolph.af.mil)

## To Write the Program

SAUSHEC Emergency Medicine Residency  
Brooke Army Medical Center, MCHE-EM  
3851 Roger Brooke Dr.  
Fort Sam Houston, TX 78234-6200

## Program Director

Robert De Lorenzo MD, LTC, MC, FS, USA  
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## Associate Program Director

William Gibson MD, LtCol, MC, FS, USAF  
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## Residency Coordinator

Ms. Peggy Herring  
Phone: (210) 916-1006  
[Peggy.herring@amedd.army.mil](mailto:Peggy.herring@amedd.army.mil)

## Medical Student Directors

Army/Brooke Army Medical Center  
Clifford Lutz MD, MAJ(P), MC, FS, DMO, USA  
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Air Force/Wilford Hall Medical Center  
Tom Kolkebeck MD, Maj, MC, USAF  
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[Thomas.Kolkebeck@lackland.af.mil](mailto:Thomas.Kolkebeck@lackland.af.mil)



## Helpful Links

SAUSHEC  
<http://www.whmc.af.mil/saushec/>

Air Force  
<http://www.afpc.randolph.af.mil/medical/PhysicianEducation/>  
<http://www.whmc.af.mil/>

Army  
<http://meded.amedd.army.mil/>  
<http://www.mods.army.mil/MedicalEducation/>  
<http://www.bamc.amedd.army.mil/>