

# **Army Medical Education**

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# Army Health Professions Scholarship Program

- 154 medical schools
  - 265 graduates annually
  - Provides 80% of active duty physicians
- Commissioned as 2LT in US Army Reserve (IRR)
- 100% tuition paid
- Authorized books and fees paid
- Monthly stipend (\$2,178.90/month) for 10.5 months each year
- Military pay (about \$6000) annually for 45 days Active Duty Training
- Obligation is 1 year on active duty for each year of sponsorship in HPSP (2 years minimum) or 4 years if one opts to take Critical Skills Accession Bonus

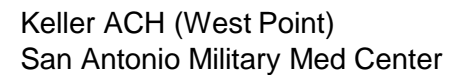


# Army Graduate Medical Education

- Largest program in the military: 1479 physicians
  - 1339 training in in-house programs; 114 in Army-sponsored civilian training; 26 in educational delay
- All Specialties
  - 10 training hospitals
  - 70 residencies; 73 fellowships
- Majority of Army physicians train in Army GME programs
  - 29-33% of active duty Medical Corps officers are in GME at any given time
- All programs accredited by Accreditation Council for Graduate Medical Education
  - Average GME program cycle length > 6 years under NAS
  - No programs on probation
- 95% first time board pass rate (civilian 85-89%)

# Medical Research

- In addition to clinical research ongoing in our teaching hospitals, the Army conducts medical research at the following:
  - The U.S. Army Aeromedical Research Laboratory (USAARL), Fort Rucker, Alabama
  - U.S. Army Institute of Surgical Research (USAISR), Fort Sam Houston, Texas
  - U.S. Army Medical Research Institute of Chemical Defense (USAMRICD), Aberdeen Proving Ground, Maryland
  - U.S. Army Medical Research Institute of Infectious Diseases (USAMRIID), Fort Detrick, Maryland
  - U.S. Army Research Institute of Environmental Medicine (USARIEM), Natick, Massachusetts
  - Walter Reed Army Institute of Research (WRAIR), Forest Glen, Maryland
    - Medical Research Units in Thailand, Kenya, and Europe





# Residencies

- Internal Medicine
- Family Medicine
- Emergency Medicine
- Pediatrics
- Obstetrics/Gynecology
- General Surgery
- Neurosurgery
- Orthopaedics
- Urology
- Otolaryngology
- Preventive Medicine\*/  
Occupational Medicine\*
- Dermatology
- Radiology
- Radiation Oncology\*
- Anesthesiology
- Aerospace Medicine\*
- Neurology
- Pathology
- Psychiatry
- Physical Medicine and  
Rehabilitation
- Ophthalmology

\* Specialty does not offer continuous contract; must reapply for PGY-2 year.



# ARMY FIRST YEAR GRADUATE MEDICAL EDUCATION:

## PGY-1 Programs for the 2014 Selection Board

**\*2015 Selection Board Information to be Released on**  
**15 July 2015**

SPECIALTY	SAUSHEC	EAMC	MAMC	TAMC	NCC	WBAMC	WAMC	CRDAMC	Martin ACH	VA-DoD/Civ.
Emergency Medicine	X		X					X		X
Family Medicine		X	X	X	X		X	X	X	
General Surgery	X	X	X	X	X	X				
GS Neurosurgery					X					X
GS Urology	X		X							X
Internal Medicine	X	X	X	X	X	X				
Neurology			X		X					
OB-GYN	X		X	X	X		X			
Orthopaedics	X	X	X	X	X	X				
Otolaryngology	X		X	X	X					
Pathology	X		X		X					
Pediatrics	X		X	X	X					
Psychiatry				X	X					
Transitional	X	X	X	X		X				
Prelim Anesthesiology	X	X	X	X	X	X				
Prelim Dermatology	X			X	X	X				
Prelim Ophthalmology	X	X	X	X	X	X				
Prelim Physical Medicine					X	X				
Prelim Radiology(DIAG)	X		X	X	X					X

SAUSHEC –Brooke Army Medical Center, Fort Sam Houston, TX/Wilford Hall Medical Center, Lackland AFB, TX/University of Texas, San Antonio, TX

NCC –Walter Reed National Military Medical Center, Bethesda, MD/Fort Belvoir Community Hospital, Fort Belvoir, VA

/Malcolm Grow Medical Center, Andrews AFB, MD/USUHS



# Active Duty for Training (ADTs)

- Training programs located on website
- 1<sup>st</sup> year - Basic Officer Leader Course (BOLC). If unable to attend then, need to complete before medical school graduation
- 2<sup>nd</sup> year - School ADT or rotation at Army community hospital
- 3<sup>rd</sup> and 4<sup>th</sup> years - **Clinical rotations at Army hospitals**
- Any year - Research rotation at Walter Reed Army Institute of Research, Institute of Surgical Research, Armed Forces Institute of Pathology, Uniformed Services University



# Deadlines

- USMLE Step 1/COMLEX Level 1
  - Score due to HPSP office by September 15
- USMLE Step 2 CK/COMLEX Level 2 CE and ERAS application
  - Score and ERAS application due October 15 of 4<sup>th</sup> year
- Step 2 CS/Level 2 PE
  - Result due February 15



# First Year Graduate Medical Education

- Mandatory application/participation
  - All participants must apply for training in military residency programs.
  - GME beyond PGY-1 year will always be in military programs or sponsored training (on active duty) in civilian programs.
  - Civilian deferral and participation in the NRMP will be limited and only if authorized by GME office to fill additional training requirements.
- PGY-1 Letter of Instruction (LOI) and Fact Sheet released to 4<sup>th</sup> year students in July
- Army Match – computerized match similar to NRMP
  - Students declare specialty and rank all Army programs in that specialty
  - All programs will see all applicants who have identified them as a specialty of choice and will rank all applicants on their order of merit lists (OMLs). Programs are blinded to students' rankings of programs.
  - Computer sorts and matches using student's priority and program's OML
  - Applicants not matching to their specialty of choice match to a transitional year position. Some unfilled positions may be available at post-match rebuttal board.
  - Class of 2015: 85% of applicants selected for desired specialty
  - Active duty service obligation/completion date may change depending on length of residency



# PGY-1 Categorical Specialties

- Emergency Medicine
- Family Medicine
- General Surgery
- Internal Medicine
- Neurology
- Neurosurgery
- OB-GYN
- Orthopaedics
- Otolaryngology
- Pathology
- Pediatrics
- Prelim Anesthesiology
- Prelim Dermatology
- Prelim Ophthalmology
- Prelim PM&R
- Prelim Radiation Oncology
- Prelim Radiology
- Psychiatry
- Urology



# Applications For PGY-1 Positions: Applicants Per Approved Positions

<b>SPECIALTY (Positions Offered)</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
Emergency Medicine (30)	1.36	1.38	1.76	1.40	1.26
Family Medicine (47)	1.07	1	0.72	1	1.02
General Surgery (27)	1.65	1.26	1.38	1.41	1.59
General Surgery: Neurosurgery (4)	1.33	1	1.67	1.25	1
General Surgery: Urology (5)	0.71	1.29	1.29	1.80	1.20
Internal Medicine (59)	0.66	0.79	0.97	0.66	0.63
Neurology (4)	0.83	0.63	0.67	1	0.50
OB-GYN (19)	0.83	1.61	1.06	1.28	0.95
Orthopaedics (19)	1.21	1.68	1	0.95	1.52
Otolaryngology (7)	1.33	2.14	0.83	1.43	1.57
Pathology (9)	1.17	0.89	0.44	0.56	0.78
Pediatrics (28)	0.92	0.79	0.89	1.11	0.82



# Applications For PGY-1 Positions: Applicants Per Approved Positions (continued)

<b>SPECIALTY (Positions Offered)</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
Prelim: Anesthesiology (12)	1.25	1.09	1.25	1.25	0.92
Prelim: Dermatology (7)	0.71	0.63	1.43	1.71	1.71
Prelim: Ophthalmology (7)	0.43	1.57	1.71	0.86	1
Prelim: Physical Medicine (3)	2	3.33	1	3	1.33
Prelim: Preventive Medicine (2)	1	0	1.50	0	0.5
Prelim: Radiology (13)	0.87	0.94	1.14	1.14	1.15
Psychiatry (17)	0.88	0.82	0.35	0.82	1.24
Psychiatry/Internal Medicine (1)	0	0	0	2	4

# Board Scores for Matched HPSP/USUHS Students(class of 2015)

2011 national means for matched US students (step 1/step 2)	USMLE Step 1 Mean/Min	USMLE Step 2 Mean/Min	COMLEX Lvl 1 Mean/Min	COMLEX Lvl 2 Mean/Min
Neurology (225/231)			499/435	487/421
Psychiatry (216/221)	222/196	235/215	516/430	514/409
Internal Medicine (225/232)	223/190	254/220	512/433	513/412
Family Medicine (214/223)	218/198	232/212	501/432	506/405
General Surgery (224/231)	231/201	244/212	596/556	635/574
Orthopedic Surgery (238/241)	240/207	251/227	606/521	672/629
PM&R (214/220)	**	**	458/433	458/418
Diagnostic Radiology (238/242)	228/204	235/215	600/486	603/489



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2011 national means for matched US students (step 1/step 2)	USMLE Step 1 Mean/Min	USMLE Step 2 Mean/Min	COMLEX Lvl 1 Mean/Min	COMLEX Lvl 2 Mean/Min
<b>OB/GYN (219/229)</b>	222/206	232/205	517/473	525/437
<b>Urology</b>	238/233	250/238		
<b>Dermatology (242/251)</b>	250/240	258/246	596/428	616/531
<b>Anesthesiology (224/230)</b>	233/224	240/215	**	**
<b>Pediatrics (219/229)</b>	227/193	243/211	513/420	516/402
<b>Ophthalmology (235/</b>	237/221	243/212	610/583	605/604
<b>Otolaryngology (240/246)</b>	241/219	251/229		



# Board Scores for Matched HPSP/USUHS Students(class of 2014)

2011 national means for matched US students (step 1/step 2)	USMLE Step 1 Mean/Min	USMLE Step 2 Mean/Min	COMLEX Lvl 1 Mean/Min	COMLEX Lvl 2 Mean/Min
Pathology (227/230)	231/207	237/223	**	**
Neurosurgery (239/237)	252/241	244/219		
Emergency Medicine (222/230)	234/211	245/220	559/440	623/482
** Data restricted to protect student privacy				





# VA-DoD Training Opportunities

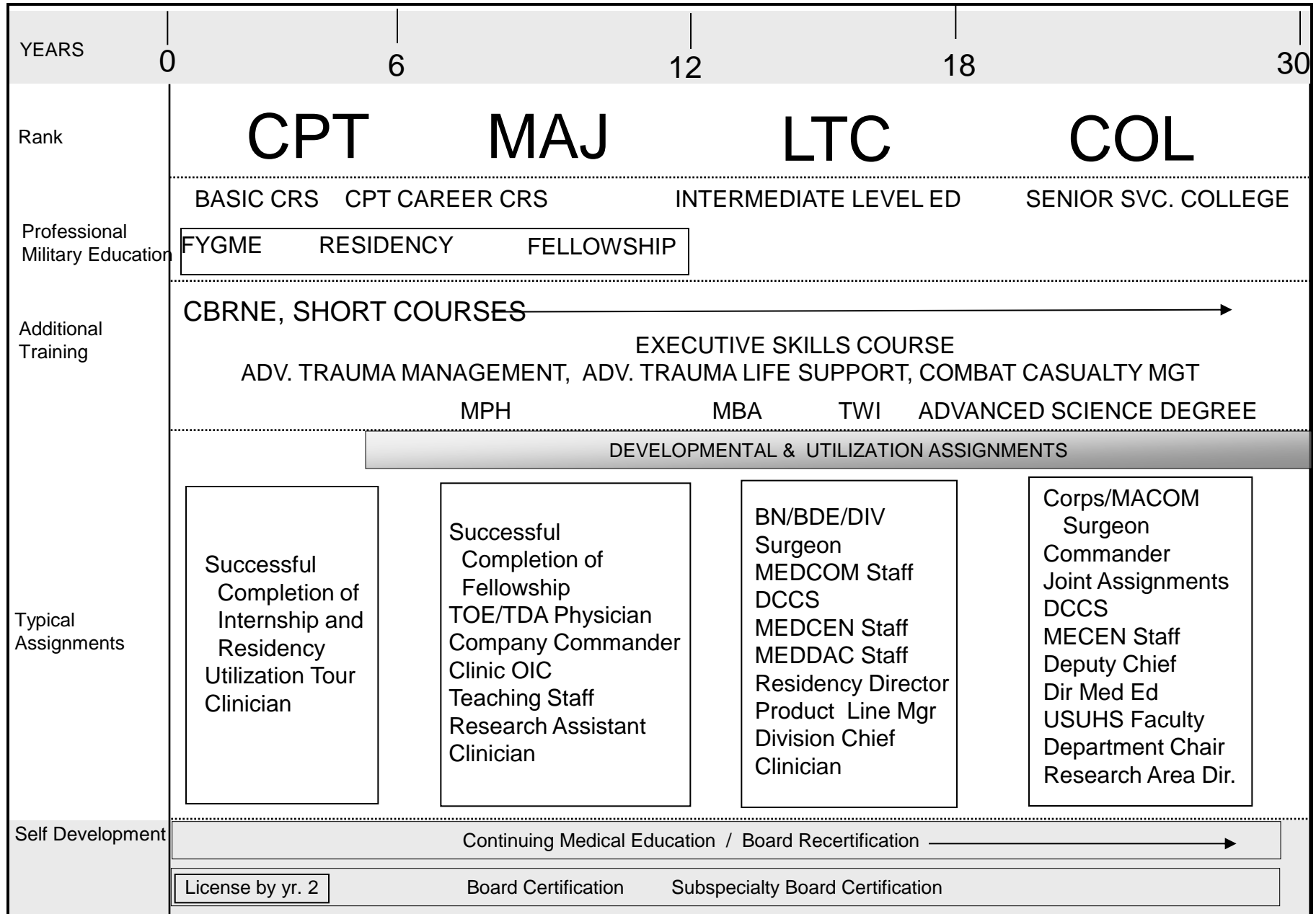
- VA-DoD:
  - Urology:
    - UT San Antonio (PGY-1: SAMMC); Duke University (PGY-1: WRNMMC)
  - Neurosurgery
    - University of Florida; UT San Antonio
- Civilian Affiliated:
  - Emergency Medicine:
    - Georgia Regents University
  - Radiology:
    - Georgia Regents University

# 2014 Army JSGMESB Selection Summary Report:

## Fellowship Training

	Selects Inservice Military	Deferred Selects	Selects Civilian Sponsored	Total Selects	Non- Selects	Total Applicants	Inservice Select Rate	Overall Select Rate
Utilization/ Field	42	0	22	<b>64</b>	28	92	45.65%	69.57%
Interns	0	0	0	<b>0</b>	0	0	0%	0%
Current Deferred	0	0	2	<b>2</b>	1	3	0%	66.67%
Current Residents	36	0	35	<b>71</b>	49	120	30%	59.17%
Civilian	1	0	0	<b>0</b>	0	0	0	0
<b>Totals</b>	<b>78</b>	<b>0</b>	<b>59</b>	<b>137</b>	<b>78</b>	<b>215</b>	<b>36.28%</b>	<b>63.72%</b>

# Medical Corps Officer Career Progression



# Serving the nation since 1775



44<sup>th</sup> MASH, Korea  
1954

Radiology residents  
1968

# Serving to Heal...Honored to Serve

