



ARMY MEDICINE

One Team...One Purpose!

Conserving the Fighting Strength Since 1775

My Background

- Born/raised in “smallish” town Richmond, Indiana, population 35,000
- Both grandfathers served in WWII and father was enlisted Army
- ROTC at the University of Notre Dame
- HPSP at Ohio University College of Osteopathic Medicine
- Internship/residency in Family Medicine at TAMC
- Clinic OIC, USU FM clerkship coordinator at CRDAMC
- COS of the 325th FH Camp Lacy, Bagram, Afghanistan
- Faculty Development fellow at MAMC; MPH at Univ of Washington
- FM Program Director at CRDAMC, Fort Hood, TX
- Brigade Surgeon, 7th Sustainment BDE, Kandahar Airfield, Afghanistan
- Faculty Development Fellowship PD at MAMC, JBLM, WA
- Deputy Commander for Clinical Services, RAHC, Fort Sill, OK
- Currently, Deputy Director, Army Medical Education, Falls Church, VA



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Army Medical Education Directorate

- Falls Church, VA
- Undergraduate (ROTC, HPSP, USU)
- Graduate Medical Education (GME)
- Continuing Medical Education (CME)
- LHET, Short Courses, and Specialty Board Pay

Our office is here to assist you as you navigate the continuum of medical education!





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HPSP Update

- **100% tuition and required academic fees**
- **Monthly stipend of \$2,330.78 for 10.5 months each year**
- **\$20,000 Sign-on bonus**
- **Reimbursement for required books, required non-expendable equipment, and required licensing exams**
- **Active Duty pay as a 2nd Lieutenant 6 weeks each year**
- **US Citizen**
- **Enrolled in or possess a letter of acceptance from an accredited medical school in the United States**
- **Maintain full-time student status**
- **Minimum requirements: Undergraduate GPA of 3.2, MCAT total score of 500, individual sub-scores of 124**
- **Meet eligibility criteria for appointment as a commissioned officer in the United States Army**



- **Currently 1366 in the program**
 - Classes are full
- **Students are good quality (FY19)**
 - Average GPA from college = 3.7
 - Average MCAT
 - 508 by new system (76th percentile)
- **Students are passing USMLE/COMLEX**
 - >98% will pass steps 1 and 2 on the first attempt
 - Everyone must pass steps 1 and 2 prior to starting GME
- **Minimum Acceptance Criteria (MAC)**
 - GPA 3.2 or higher
 - MCAT total score 500 or higher
 - MCAT subscores 124 or higher



■ Expert Clinician

- Board Certified, etc.

■ Military scope of practice

- Trauma care
- Disease non-battle injury specific to specialty

■ Military acculturation

- Medical Corps Officer
- Professional identify formation
- Military practice
 - Electronic medical record
 - Physical Profiles
 - IDES



- **29-33% of Active Duty Medical Corps officers are in GME at any given time**
- **Largest “program” in the military: 1558 physicians**
 - 1457 training in in-house programs; 101 in Army-sponsored civilian training; 9 in educational delay; All Specialties
- **All Specialties**
 - 12 training hospitals; 72 residencies; 74 fellowships
- **All programs accredited and in good standing by the Accreditation Council for Graduate Medical Education**
- **96% first time specialty board pass rate (civilian 86-87%)**



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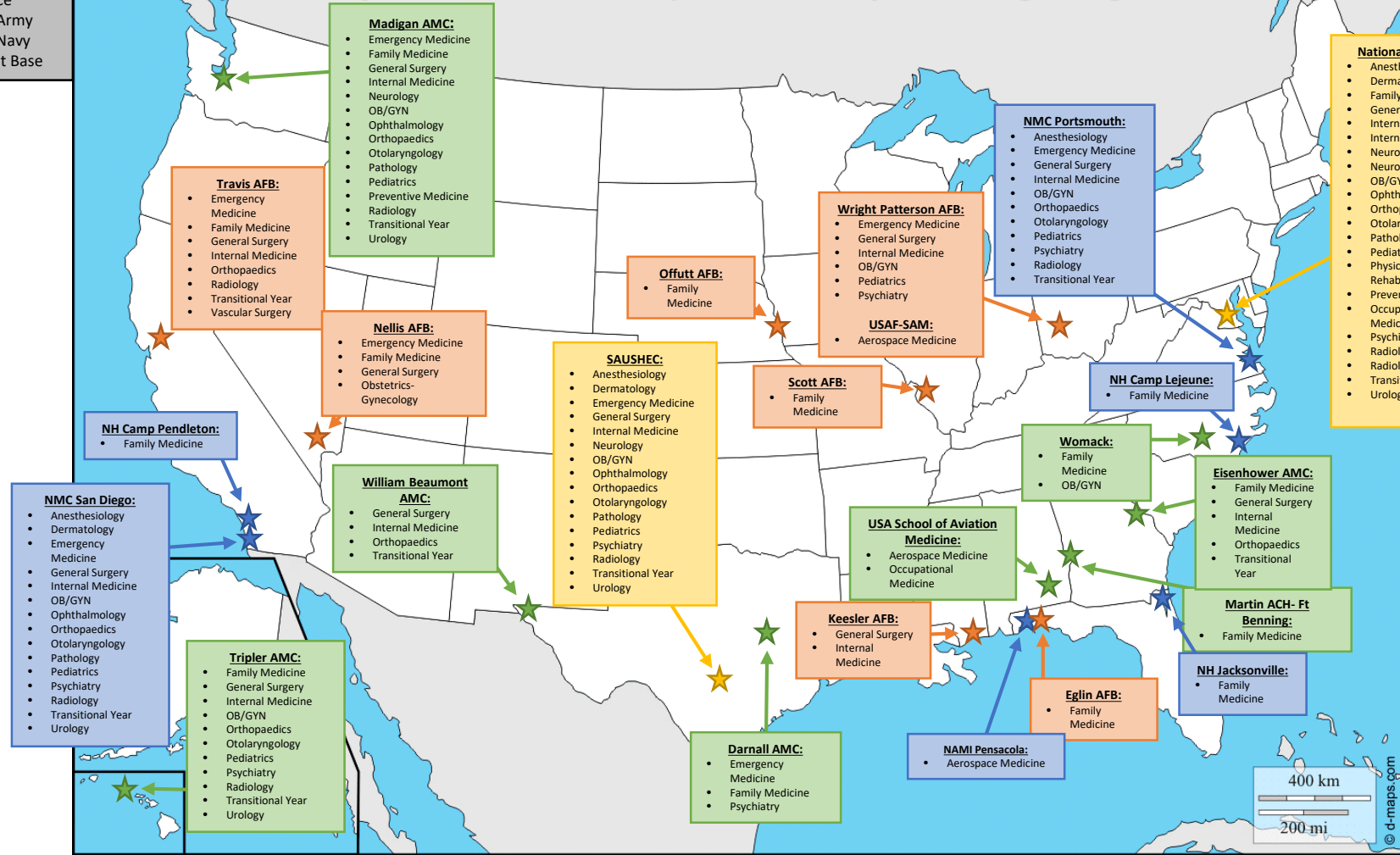
Army GME Training Locations

	#Transitional Year Programs	# Residency Programs	# Fellowship Programs	Total # Programs
Natl Capital Consortium WR/FB/USU	1	20	37	56
Madigan Army Medical Center	1	15	8	24
San Antonio Military Med Center	1	13	21	35
Tripler Army Medical Center	1	10	3	14
DD Eisenhower Army Medical Center	1	4		5
William Beaumont Army Med Center	1	3		4
Carl R Darnall Army Medical Center		2	2	4
Womack Army Medical Center		2	1	3
Martin Army Community Hospital		1		1
USA School of Aviation Med-Rucker		1		1
Keller Army Community Hospital			1	1
TOTALS	6	71	73	150

LEGEND:

- ★ US Air Force
- ★ US Army
- ★ US Navy
- Joint Base

Military GME – Internship/Residency Training Programs



Madigan AMC:

- Emergency Medicine
- Family Medicine
- General Surgery
- Internal Medicine
- Neurology
- OB/GYN
- Ophthalmology
- Orthopaedics
- Otolaryngology
- Pathology
- Pediatrics
- Preventive Medicine
- Radiology
- Transitional Year
- Urology

Travis AFB:

- Emergency Medicine
- Family Medicine
- General Surgery
- Internal Medicine
- Orthopaedics
- Radiology
- Transitional Year
- Vascular Surgery

Nellis AFB:

- Emergency Medicine
- Family Medicine
- General Surgery
- Obstetrics-Gynecology

Offutt AFB:

- Family Medicine

Wright Patterson AFB:

- Emergency Medicine
- General Surgery
- Internal Medicine
- OB/GYN
- Pediatrics
- Psychiatry

USAF-SAM:

- Aerospace Medicine

Scott AFB:

- Family Medicine

NMC Portsmouth:

- Anesthesiology
- Emergency Medicine
- General Surgery
- Internal Medicine
- OB/GYN
- Orthopaedics
- Otolaryngology
- Pediatrics
- Psychiatry
- Radiology
- Transitional Year

NH Camp Lejeune:

- Family Medicine

National Capital Consortium:

- Anesthesiology
- Dermatology
- Family Medicine
- General Surgery
- Internal Medicine/Psychiatry
- Internal Medicine
- Neurology
- Neurosurgery
- OB/GYN
- Ophthalmology
- Orthopaedic Surgery
- Otolaryngology
- Pathology
- Pediatrics
- Physical Medicine & Rehabilitation
- Preventive Medicine
- Occupational & Environmental Medicine
- Psychiatry
- Radiology
- Radiology Oncology
- Transitional Year
- Urology

NH Camp Pendleton:

- Family Medicine

NMC San Diego:

- Anesthesiology
- Dermatology
- Emergency Medicine
- General Surgery
- Internal Medicine
- OB/GYN
- Ophthalmology
- Orthopaedics
- Otolaryngology
- Pathology
- Pediatrics
- Psychiatry
- Radiology
- Transitional Year
- Urology

William Beaumont AMC:

- General Surgery
- Internal Medicine
- Orthopaedics
- Transitional Year

SAUSHEC:

- Anesthesiology
- Dermatology
- Emergency Medicine
- General Surgery
- Internal Medicine
- Neurology
- OB/GYN
- Ophthalmology
- Orthopaedics
- Otolaryngology
- Pathology
- Pediatrics
- Psychiatry
- Radiology
- Transitional Year
- Urology

USA School of Aviation Medicine:

- Aerospace Medicine
- Occupational Medicine

Womack:

- Family Medicine
- OB/GYN

Eisenhower AMC:

- Family Medicine
- General Surgery
- Internal Medicine
- Orthopaedics
- Transitional Year

Martin ACH- Ft Benning:

- Family Medicine

Keesler AFB:

- General Surgery
- Internal Medicine

Eglin AFB:

- Family Medicine

NH Jacksonville:

- Family Medicine

Tripler AMC:

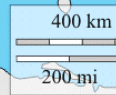
- Family Medicine
- General Surgery
- Internal Medicine
- OB/GYN
- Orthopaedics
- Otolaryngology
- Pediatrics
- Psychiatry
- Radiology
- Transitional Year
- Urology

Darnall AMC:

- Emergency Medicine
- Family Medicine
- Psychiatry

NAMI Pensacola:

- Aerospace Medicine



LEGEND:

- ★ US Air Force
- ★ US Army
- ★ US Navy
- Joint Base

Military GME – Fellowship Training Programs



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Residency Programs

- **Internal Medicine**
- **Family Medicine**
- **Emergency Medicine**
- **Pediatrics**
- **Obstetrics/Gynecology**
- **General Surgery**
- **Neurosurgery**
- **Orthopedics**
- **Urology**
- **Preventive Medicine/
Occupational Medicine
(Apply at PGY-2 level)**
- **Dermatology**
- **Radiology**
- **Anesthesiology**
- **Aerospace Medicine
(Apply at PGY-2 level)**
- **Neurology**
- **Pathology**
- **Psychiatry**
- **Physical Medicine and
Rehabilitation**
- **Ophthalmology**
- **Otolaryngology**
- **Transitional Year**



Clear operational capability and AOC overlap and specified MTOE requirement at Role 1, 2, and/or 3

- 60A (not a primary specialty)
- 60C Preventive Medicine
- 60D Occupational Medicine
- 60F Pulmonary/CC (as M4)
- 60N Anesthesia
- 60W Psychiatry
- 60S Ophthalmology
- 61H Family Medicine
- 61F Internal Medicine
- 61J General Surgery
- 61K Thoracic Surgery
- 61M Orthopedic Surgery
- 61N Aerospace Medicine
- 61Z Neurosurgery
- 62A Emergency Medicine
- 62B Field Surgeon



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Civilian Partnerships for Training

- **Emergency Medicine:**
 - **Medical College of Georgia**
- **General Surgery:**
 - **University of Texas-Houston**
 - **Oregon Health and Science University (OHSU-Portland, OR)**
- **Neurosurgery:**
 - **University of Florida**
 - **University of Texas-San Antonio**
 - **Baylor**
- **Urology:**
 - **University of Texas-San Antonio**
 - **Duke University**

*Apply to these via the Army application/match

*ADTs are not authorized at these civilian training locations



- All obligated medical students (HPSP, USU, ROTC Educational Delay) are required to apply
- PGY-1 Letter of Instruction (LOI) and Fact Sheet released to 4th year students in July
- Encourage 3rd and 4th year rotations at top residency choices
- **Computerized match similar to the NRMP**
 - Computer sorts and matches using student's priority and program's order of merit ranking
 - November computer match, results released mid-Dec
 - Follow-on rebuttal board ("scramble") match in Jan
 - 85% will match into first choice of specialty
- **Most competitive: Dermatology; Emergency Medicine; Physical Medicine; Surgical specialties; Radiology; Psychiatry**



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HPSP Student Career Flowchart

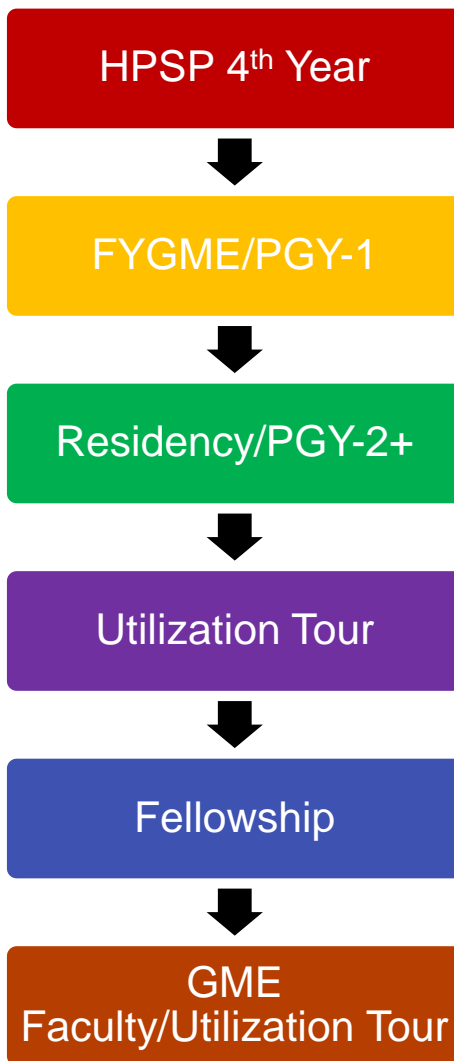
Students applying to EM, Ortho, GS also apply to civilian match

Less than 5% will be placed mil-civ partnerships for EM, GS

Less than 2% "deferred" to civilian match for EM, Ortho, GS or other

True civilian deferment only for extenuating circumstances approx 1 student/year

Service obligation concurrent for military MTF program and mil-civ partnerships; consecutive for civilian sponsored deferments



All students MUST apply for Military Match!

85% get 1st specialty choice, 70% get 1st location choice

ALL students will be trained for at least one year; 95% on continuous contracts to complete residency

Encourage utilization tour post-residency, but not required

50% selection rate for fellowships on average

Post-fellowship expect assignment as GME program faculty



Applications for PGY-1 Positions: Applicants per Approved Positions

Specialty (Positions Offered)	2015	2016	2017	2018	2019	2020
Emergency Medicine (32)	1.26	1.33	1.5	1.44	0.97	1.21
Family Medicine (47)	1.02	0.93	0.64	0.64	0.83	1.12
General Surgery (25)	1.59	1.26	1.25	1.08	1.40	1.48
Neurosurgery (1)	1.0	0.75	3.0	1.0	2.0	4.0
Urology (6)	1.20	1.50	0.67	0.67	0.71	1.0
Internal Medicine (58)	0.63	0.79	0.78	0.88	0.72	0.93
Neurology (5)	0.50	1.50	1.75	1.25	1.0	1.0
OB-GYN (15)	0.95	0.74	1.22	1.31	1.46	1.13
Orthopaedics (19)	1.52	1.26	1.40	1.58	1.58	1.0
Otolaryngology (6)	1.57	1.38	1.14	1.14	1.83	1.5
Pathology (7)	0.78	0.67	0.56	0.75	1.0	0.85
Pediatrics (22)	0.82	1.07	1.20	1.17	0.95	1.31



Applications for PGY-1 Positions: Applicants per Approved Positions



Specialty (Positions Offered)	2015	2016	2017	2018	2019	2020
Anesthesiology (13)	0.92	1.21	1.0	0.92	1.38	1.61
Prelim: Dermatology (6)	1.71	0.71	1.0	1.14	2.17	1.17
Prelim: Ophthalmology (6)	1.0	0.86	0.43	1.0	0.83	1.66
Prelim: Physical Medicine (3)	1.33	2.0	2.33	1.0	2.33	1.33
Prelim: Radiology (13)	1.15	0.79	1.29	1.85	1.15	1.07
Prelim: Radiation Oncology (0)			1.0		1.0	N/A
Psychiatry (17)	1.24	1.0	0.65	1.18	1.29	1.23
Psychiatry/Internal Medicine (2)	2.0	1.0	1.0	0.5	1.0	3.5

*Number of positions offered in 2020 PGY-1 match; 2021 positions pending approval of the school year plan.



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**Board Scores for Matched HPSP/USUHS
 Students (Class of 2020)**

2018 National Mean for Matched US Students (Step 1/Step2)	USMLE Step 1 Mean (Range)	USMLE Step 2 Mean (Range)	COMLEX Level 1 Mean (Range)	COMLEX Level 2 Mean (Range)
Neurology (230/241)	**	**	**	**
Psychiatry (220/232)	223 (195-242)	240 (227-258)	552 (466-725)	573 (426-737)
Internal Medicine (233/245)	228 (203-252)	230 (210-265)	578 (416-790)	550 (444-807)
Family Medicine (218/233)	220 (191-246)	238 (209-265)	547 (397-677)	584 (414-690)
General Surgery (232/247)	238 (210-258)	248 (233-269)	640 (526-988)	659 (578-906)
Orthopaedic Surgery (246/253)	240 (232-262)	250 (239-263)	672 (598-734)	752 (657-878)



2018 National Mean for Matched US Students (Step 1/Step 2)	USMLE Step 1 Mean (Range)	USMLE Step 2 Mean (Range)	COMLEX Level 1 Mean (Range)	COMLEX Level 2 Mean (Range)
OB/GYN (227/242)	230 (219-242)	245 (224-257)	583 (538-739)	592 (545-662)
Urology	232 (223-238)	245 (238-259)	**	**
Dermatology (249/257)	254 (253-256)	257 (249-262)	**	**
Anesthesiology (230/241)	237 (227-250)	249 (243-253)	660 (481-810)	669 (585-732)
Pediatrics (227/241)	233 (209-254)	243 (223-260)	541 (466-644)	555 (491-674)
Ophthalmology	*241 (232-252)	*260 (242-270)	**	**
Otolaryngology (249/254)	254 (250-259)	252 (238-268)	**	**



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Board Scores for Matched HPSP/USUHS Students (Class of 2020)

2018 National Mean for Matched US Students (Step 1/Step 2)	USMLE Step 1 Mean (Range)	USMLE Step 2 Mean (Range)	COMLEX Level 1 Mean (Range)	COMLEX Level 2 Mean (Range)
Pathology (231/242)	227 (217-243)	248 (243-251)	**	**
Neurosurgery (230/243)	**	**	**	**
Emergency Medicine (230/232)	232 (209-253)	245 (228-260)	615 (543-782)	652 (526-915)
Diagnostic Radiology (243/250)	242 (237-251)	247 (240-259)	697(622-772)	762 (714-810)
PM&R (219/234)	**	**	**	**
** Data restricted to protect student privacy				



- **Expect to match into a military residency programs**
- **Historically, max of 1-2% of students receive civilian training opportunities (based on needs of the Army):**
 - General Surgery: 2016, 2017, 2018
 - Orthopedics: 2018
 - Emergency Medicine; General Surgery; Orthopedics for 2019
 - Very extenuating family circumstances
- **Not an option to enter/remain in the civilian match if not selected for desired specialty in the Army match**
- **Not authorized for combined training programs (Med/Peds)**
- **Active Duty Service Obligation (ADSO) is consecutive!**



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General Medical Officer (GMO) Assignments

- **GMO tour begins after completion of Transitional Year if not selected for further GME training**
- **Many US and overseas locations**
- **Variety of assignments: clinic-based; flight surgery; operational**
- **12-24 months minimum time on station requirements to resume graduate medical education training**
 - Time on station requirements vary with assignments, duty locations, and needs of the Army



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Fellowship Opportunities

- **Military and civilian-sponsored fellowship training opportunities**
- **Expectation of utilization tour following residency completion and prior to fellowship training**
 - May be selected upon residency completion pending needs of the Army
 - Approximately 50% fellowship selection rate in 2016, 2017, 2018, and 2019 boards
- **Follow on assignments in large medical centers, residency training programs**



- **Complete military training while in medical school:**
 - Direct Commission Course (DCC/BOLC-A): 4 wks Ft Sill, OK
 - If commissioned after 1 October 2016, must attend!
 - Prerequisite to Basic Officer Leadership Course (BOLC-B)
 - BOLC-B, 6 wks Ft Sam Houston, TX
 - Exemption for OCS, ROTC and USMA graduates; prior service evaluated on individual basis
 - Ideally, BOLC-A summer prior to starting medical school
 - Ideally, BOL-A after 1st or 2nd year of medical school
- **Prioritize ADT rotations at top residency choices**
- **Interviews for remaining locations**
- **Contact our office for assistance....**



- **New test of record as of 1 Oct 2020**
 - 6 events!!
 - You should be getting familiar with these now...
- **Army Body Composition Program (ABCP)**
 - AKA Height/Weight
- **In order to start GME, you MUST be in compliance with the ABCP.**
- **HPSP students do NOT need to be in compliance with the ACFT to start the PGY-1 year**
- **You must be in compliance with both the ABCP and ACFT to progress each year in residency**



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Contact us!!!!

- **Married to another Service member**
- **Married to another student who is transferring to the Army**
- **In a committed long term relationship**
 - We'll tell you to get married and have it appear in DEERS
- **Family circumstances**
- **Exceptional Family Member Program (EFMP)**
- **Anything else we should know**
 - Give us the details in less than a page
- **Help us help you!**
 - We really do want to know



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Army Medical Education Directorate

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Questions?

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