AMSUS Student Webinar:
What's Up With (Army) Military Residencies?

amsus.org
Army HPSP
Medical Education Update

AMSUS Webinar
28 APR 2016

Michael R. Nelson, COL, MC
Christine F. Lettieri, COL, MC
Arthur L. Covi
Linda M. Diehl
Patricia G. Norman
Webinar Overview

• Introductions & thanks
• HPSP key dates & hot topics
• GME overview
• Q&A

*Full information brief attached*
## Key Dates for Army HPSP

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>1 JUL 16</td>
<td>Joint Services GME Selection Board application opens; letter of instruction &amp; fact table available</td>
</tr>
<tr>
<td>31 AUG 16</td>
<td>JSGMESB application deadline</td>
</tr>
<tr>
<td>15 SEP 16</td>
<td>3rd yrs- USMLES/COMLEX 1 scores due</td>
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<tr>
<td>15 OCT 16</td>
<td>Army PGY1 JSGMESB application deadline</td>
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<tr>
<td></td>
<td>4th yrs- USMLE 2 CK/COMLEX 2 CE scores due</td>
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<tr>
<td>31 OCT 16</td>
<td>Army PGY1 deadline for ranking changes (email/call)</td>
</tr>
<tr>
<td>14-17 NOV 16</td>
<td>Joint Services GME Selection Board</td>
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<tr>
<td>Mid-DEC 16</td>
<td>JSGMESB match results released</td>
</tr>
<tr>
<td>15 FEB 17</td>
<td>4th yrs- USMLE 2 CS/COMLEX 2 PE scores due</td>
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</table>
Army Medical Education Directorate:
Annual Update

Christine F. Lettieri, MD
COL, MC
Deputy Director, Medical Education
March 2016
Overview

• HPSP background information
• Graduate medical education information and updates:
  ▪ Residency options
  ▪ PGY-1 match
  ▪ Fellowships
• General Medical Officer (GMO) Tours
• Career progression
• Contact information
Army Health Professions Scholarship Program

• 158 medical schools
  ▪ 270 graduates annually (80% of active duty physicians)

• Commissioned as 2LT in US Army Reserve (IRR)

• 100% tuition and authorized books/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 with the Critical Skills Accession Bonus
HPSP: Active Duty for Training (ADTs)

• Training programs located on website
• 1\textsuperscript{st} year - Basic Officer Leader Course (BOLC). If unable to attend then, need to complete before medical school graduation
• 2\textsuperscript{nd} year - School ADT or rotation at Army community hospital
• 3\textsuperscript{rd} and 4\textsuperscript{th} years - Clinical rotations at Army hospitals
• Any year – Research rotation

*The 4 week Direct Commission Course (DCC) will be a pre-requisite for BOLC for those starting HPSP after 1 October 2016
ADT is a 5 Step Process

Step one: Contact the military facility in order to confirm space/staff for the rotation. Points of Contact are listed Chapter 4 of the Student Policy Handbook found under the General Info tab at https://wwwmodsarmy.mil/medicaleducation as well as under the FAQs.

Step two: At https://www.mods.army.mil/medicaleducation/ under the “Request Tab” click on ADT and input the dates that the ADT Coordinator at the facility has arranged for you.

Step three: 30 days prior to the start date, your orders will be available at https://www.mods.army.mil/medicaleducation/ under the “View Documents” tab. Please print a copy of your orders from here.

Step four: Contact Carlson Wagonlit Travel at 1-800-709-2190 to arrange for a flight and an E-ticket.

Step five: Complete the ADT, then fill out a AHRC Form 3924 and DD Form 1351-2. Send each to your student advisor at the Office of the Surgeon General usarmy.ncr.hqda-otsg.mbx.otsg-ume@mail.mil.
Active Duty for Training (ADT)

ADT is when you visit a military facility and the Army pays for your travel, reimburses you for your room and board, and in some cases will reimburse for a rental care. You will be covered on a set of “orders” that outline the Army’s expectations on when you will report to the facility, and additional paperwork that must be filled out upon completion of the ADT. While on ADT you are entitled to:

- Transportation to and from the ADT site

- Active Duty pay for a Second Lieutenant (2LT)

- BAH (Basic Allowance for Housing)

- Per Diem: Money received from the government to help you defray your cost of being away from your 'permanent' duty station (school). The amount will vary at each military installation and is dependent upon whether the government provides you quarters (billeting) and rations.

- Use of Government & AAFES facilities (ie. Commissary, Post Exchange, Gym, Medical, Morale & Welfare Equipment, etc.)
The Rules

There are several rules that apply to ADT:

1. Each ADT must be 45 days in length with no less than 21 days at the Army Facility. If you cannot spend the entire 45 days at the facility, the remainder will be performed while at school.

2. Every ADT starts and ends at your school location. Regardless of where you happen to be rotating for your core rotations/clerkships.

3. You are not authorized to drive more than 350 miles one way from your school to the facility.

4. Because of budget considerations, no portion of the ADT can be performed between 1-15 October.

5. ADT in Hawaii is not authorized during the month of December.
HPSP: Deadlines

- USMLE Step 1/COMLEX Level 1
  - Score due to HPSP office by September 15\textsuperscript{th} of 3\textsuperscript{rd} year
- USMLE Step 2 CK/COMLEX Level 2 CE Score
  - October 15th of 4\textsuperscript{th} year
- Step 2 CS/Level 2 PE
  - February 15\textsuperscript{th} of 4\textsuperscript{th} year
Army Graduate Medical Education

- 29-33% of active duty Medical Corps officers are in GME at any given time
- Largest program in the military: 1528 physicians
  - 1407 training in in-house programs; 86 in Army-sponsored civilian training; 35 in educational delay
- All Specialties
  - 10 training hospitals; 70 residencies; 73 fellowships
- All programs accredited and in good standing by the Accreditation Council for Graduate Medical Education
- 95% first time specialty board pass rate (civilian 86-87%)
Regional Medical Commands
Teaching Hospitals

Walter Reed NMMC
Eisenhower AMC
William Beaumont AMC
Womack AMC
Martin ACH
Madigan AMC
Ft. Belvoir Community Hospital
Carl R. Darnall AMC
Tripler AMC
Keller ACH (West Point)
San Antonio Military Med Center
Residencies

- Internal Medicine
- Family Medicine
- Emergency Medicine
- Pediatrics
- Obstetrics/Gynecology
- General Surgery
- Neurosurgery
- Orthopaedics
- Urology
- Otolaryngology
- Preventive Medicine*/Occupational Medicine*
- Dermatology
- Radiation Oncology
- Radiology
- 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 2015 Selection Board

*2016 residency slots, training locations, and information to be released in July 2016*

<table>
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<tr>
<th>SPECIALTY</th>
<th>SAUSHEC</th>
<th>EAMC</th>
<th>MAMC</th>
<th>TAMC</th>
<th>NCC</th>
<th>WBAMC</th>
<th>WAMC</th>
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</table>

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
VA-DoD Training Opportunities

• VA-DoD:
  ▪ Urology:
    – UT San Antonio (PGY-1: SAMMC); Duke University (PGY-1: WRNMMC)
  ▪ Neurosurgery
    – Univ of Florida; UT San Antonio; Univ of Washington

• Civilian Affiliated:
  ▪ Emergency Medicine:
    – Georgia Regents University
  ▪ Radiology:
    – Georgia Regents University
The PGY-1 (Internship) Match

- 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 level ADTs at top residency choices
- Encourage contact with all program directors in specialty
- Computerized match similar to the NRMP
  - Computer sorts and matches using student’s priority and program’s order of merit ranking
PGY-1 Match

- Mid December anticipated notification of match results
- Most competitive specialties:
  - Emergency Medicine
  - Surgical Specialties: ENT, General Surgery, Orthopedics, Urology
- 80-85% will match into first choice of specialty
- Option to rank second specialty on initial application
• Options for students that do not match into their primary specialty:
  • Rebuttal board for unfilled positions:
    • 2014- Internal Med, Pathology, Pediatrics, Neurology
    • 2015- Dermatology, Internal Med, Ob/Gyn, Pathology, Radiology
  • Transitional Year:
    • Apply for residency in PGY-2+ board
    • General Medical Officer Tour
PGY-1 Match: Civilian Deferments

- Expectation to match into the military residency programs
- Historically, maximum of 1-2% of students receive civilian deferments:
  - Needs of the Army
  - Very extenuating family circumstances
- Must withdraw from the civilian match if selected for any military PGY-1 position
- Not authorized for combined training programs (Med/Peds)
### Applications For PGY-1 Positions: Applicants Per Approved Positions

<table>
<thead>
<tr>
<th>SPECIALTY (Positions Offered)*</th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
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<td>Emergency Medicine (30)</td>
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</table>

*Number of positions offered in 2015 PGY-1 match, 2016 positions pending approval of the school year plan.
### Applications For PGY-1 Positions: Applicants Per Approved Positions (continued)

<table>
<thead>
<tr>
<th>SPECIALTY</th>
<th>Positions Offered *</th>
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<th>2013</th>
<th>2014</th>
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<td>2.0</td>
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### Board Scores for Matched HPSP/USUHS Students (class of 2016)

<table>
<thead>
<tr>
<th>Speciality</th>
<th>2014 national mean for matched US students (step 1/step 2)</th>
<th>USMLE Step 1 Mean/Min</th>
<th>USMLE Step 2 Mean/Min</th>
<th>COMLEX Lvl 1 Mean/Min</th>
<th>COMLEX Lvl 2 Mean/Min</th>
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<tbody>
<tr>
<td>Neurology</td>
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<td>247/217</td>
<td>262/251</td>
<td>529/488</td>
<td>546/449</td>
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<tr>
<td>Psychiatry</td>
<td>(220/232)</td>
<td>217/197</td>
<td>230/216</td>
<td>491/402</td>
<td>480/409</td>
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<td>Internal Medicine</td>
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<td>234/195</td>
<td>245/213</td>
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<tr>
<td>Family Medicine</td>
<td>(218/233)</td>
<td>228/199</td>
<td>237/209</td>
<td>490/427</td>
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<td>General Surgery</td>
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<td>242/215</td>
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<tr>
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<td>240/201</td>
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<td>Otolaryngology (249/254)</td>
<td>244/235</td>
<td>256/226</td>
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<td>Neurosurgery (230/243)</td>
<td>255/238</td>
<td>264/258</td>
<td></td>
<td></td>
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<tr>
<td>Emergency Medicine (230/232)</td>
<td>234/202</td>
<td>246/228</td>
<td>562/410</td>
<td>560/459</td>
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<tr>
<td>Diagnostic Radiology (243/250)</td>
<td>233/193</td>
<td>246/221</td>
<td>561/475</td>
<td>565/529</td>
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<tr>
<td>PM&amp;R (219/234)</td>
<td>223/210</td>
<td>234/225</td>
<td></td>
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<tr>
<td>** Data restricted to protect student privacy</td>
<td></td>
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</tbody>
</table>
General Medical Officer (GMO) Assignments

- After completion of PGY-1 year if not selected for GME training
- Many US and overseas locations
- Variety of assignments:
  - Clinic based
  - Operational
  - Flight surgery
- Minimum time on station requirements to resume graduate medical education training:
  - 12 months: hardship assignments
  - 24 months: other assignments
Fellowships

- Military and civilian-sponsored fellowship training opportunities
- Fellowship opportunities: programs, training locations, and information released annually in July and reflect the needs of the Army
- Expectation of utilization tour following residency completion and prior to fellowship training
- 2 year time on station requirement
- Follow on assignments in large medical centers, residency training programs
Potential Fellowship Opportunities

* Fellowship opportunities: programs, training locations, and information released annually in July and reflect the needs of the Army

- **Aerospace Medicine**: Hyperbaric Medicine
- **Dermatology**: Dermatopathology; Immunodermatology; MOHS/Dermatologic Surgery; Pediatric Dermatology
- **Emergency Medicine**: Austere and Wilderness Medicine; Emergency Medicine Cardiology; Emergency Medicine Services and Disaster Medicine; Emergency Toxicology; Pediatric Emergency Medicine; Sports Medicine; Ultrasound
- **Family Medicine**: Faculty Development; Family Medicine OB; GI/Colonoscopy, Hospitalist; Sports Medicine
- **General Surgery**: Plastic Surgery; Thoracic Surgery; Vascular Surgery; Colon/Rectal Surgery; Minimally Invasive Surgery; Organ Transplant Surgery; Pediatric Surgery; Surgical Oncology; Trauma/Critical Care Surgery
Potential Fellowship Opportunities

• **Internal Medicine**: Cardiology, Advanced Cardiovascular Imaging, Advanced Heart Failure, Electrophysiology, Interventional Cardiology; Critical Care; Endocrinology; Gastroenterology, Advance Biliary Endoscopy; General Internal Medicine; Geriatric Medicine; Hematology/Oncology; IM Hospitalist; Infectious Disease; Nephrology; Pulmonary/CCM; Rheumatology

• **Neurology**: Behavior Neurology; Child Neurology; Clinical Neurophysiology; Epilepsy; Headache Medicine; Interventional Neurology; Movement Disorder; Neuro Critical Care; Neuro Immunology; Neuro Oncology; Neuro Ophthalmology; Neuromuscular Disease

• **Neurosurgery**: Epilepsy Neurosurgery; Neuro Trauma/CC; Neurosurgery Oncology; Pain and Functional Neurosurgery; Pediatric Neurosurgery; Peripheral Nerve; Skull Base Neurosurgery; Spine Neurosurgery; Vascular Neurosurgery
Potential Fellowship Opportunities

- **Ob/Gyn**: Female Pelvic Medicine and Reconstructive Surgery; GYN Oncology; Gynecologic Minimally Invasive Surgery; Maternal and Fetal Medicine; Reproductive Endocrinology
- **Ophthalmology**: Corneal/External Disease; Glaucoma; Neuro Ophthalmology; Oculoplastic/Orbital Surgery; Ophthalmic Pathology; Pediatric Ophthalmology; Retinal Surgery; Uveites
- **Orthopaedics**: Adult Reconstructive/Total Joint; Sports Medicine; Foot and Ankle; Hand Surgery; Musculoskeletal Oncology; Orthopaedic Trauma; Pediatric Orthopaedics; Shoulder and Elbow Surgery; Spine Surgery
- **Otolaryngology**: Facial Plastic/Reconstructive Surgery; Head and Neck Surgery; Neurotology; Rhinology
Potential Fellowship Opportunities

- **Pathology**: Blood Banking/Transfusion Medicine; Cytopathology; Dermatopathology; Neuro Pathology
- **Pediatrics**: Academic Pediatrics; Child Abuse; Developmental Pediatrics; Neonatology; Cardiology; Critical Care Medicine; Endocrinology; Gastroenterology; Hematology/Oncology; Infectious Disease; Nephrology; Pulmonary Disease; Pulmonary/Critical Care Medicine; Rheumatology
- **Physical Medicine**: Pediatric Rehabilitation; Neuromuscular/EMG; Sports Medicine; Traumatic Brain Injury
- **Preventive/Public Health Medicine**: Occupational Medicine; Preventive Medicine
- **Psychiatry**: Additional Psychiatry; Child/Adolescent Psychiatry; Forensic Psychiatry; Preventive Psychiatry; Psychosomatic/Geriatric Psychiatry
Potential Fellowship Opportunities

- **Radiology**: Breast Imaging; Cardiac Imaging; Musculoskeletal Imaging; Neuroradiology; Pediatric Radiology; Vascular/Interventional Radiology
- **Urology**: Endourology; Female Urology; General Urology; Impotence and Infertility; Organ Transplant Surgery; Pediatric Urology; Stone/Laparoscopy Disease; Trauma Reconstructive Urological Surgery; Urological Oncology
- **Additional opportunities available to multiple specialties**: Adolescent Medicine; Allergy; Clinical Genetics; Clinical Informatics; Clinical Investigation; Clinical Pharmacology; Critical Care Ultrasound; Health Professions Education; Nuclear Medicine; Pain Management; Palliative Medicine; Sleep Medicine
- **Leadership Development**: Baylor Health Care Administration
## 2016 Army Selection Summary Report Fellowship Training

<table>
<thead>
<tr>
<th></th>
<th>Total Applicants</th>
<th>Selects Military</th>
<th>Deferred Selects</th>
<th>Selects Civilian Sponsored</th>
<th>Total Selects</th>
<th>Non-Selects</th>
<th>Inservice Select Rate 2016</th>
<th>Overall Select Rate 2016</th>
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<tbody>
<tr>
<td><strong>Utilization/Field</strong></td>
<td>92</td>
<td>46</td>
<td>0</td>
<td>24</td>
<td>70</td>
<td>22</td>
<td>50% (46%)*</td>
<td>76% (70%)</td>
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<tr>
<td><strong>Current Deferred</strong></td>
<td>3</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td>2</td>
<td>1</td>
<td>33% (0%)</td>
<td>67% (67%)</td>
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<tr>
<td><strong>Current Residents</strong></td>
<td>119</td>
<td>41</td>
<td>0</td>
<td>30</td>
<td>71</td>
<td>48</td>
<td>34% (31%)</td>
<td>60% (60%)</td>
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<tr>
<td><strong>Totals</strong></td>
<td>215</td>
<td>88</td>
<td>0</td>
<td>55</td>
<td>143</td>
<td>72</td>
<td>41% (37%)</td>
<td>67% (64%)</td>
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</tbody>
</table>

*2015 data shown in parentheses*
Typical Medical Corps Officer Life Cycle

**UME:**
- HPSP
- USU

**GME:**
- Military Internship
- +/- Residency

**Utilization Tour**
- (clinical, operational, academic)

**Career Tracks**
- (clinical, operational, academic, executive, research)

**Professional Military Education**
- Needs driven

**GME**
- Fellowship/Subspecialty Training

COL Michael Nelson / Director of Medical Education Directorate  
michael.r.nelson4.mil@mail.mil  
27 April 2016
### Medical Corps Life Cycle

<table>
<thead>
<tr>
<th>Rank</th>
<th>CPT</th>
<th>MAJ</th>
<th>LTC</th>
<th>COL</th>
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<tr>
<td>OBL</td>
<td>Operational Courses**</td>
<td>INTERMEDIATE LEVEL EDUCATION</td>
<td>SENIOR SVC. COLLEGE</td>
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<tr>
<td>CCC</td>
<td>FGME</td>
<td>RESIDENCY FELLOWSHIP</td>
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</tbody>
</table>

#### Additional Training

- **CBRNE SHORT COURSES ***
  - EXECUTIVE SKILLS COURSE
    - ADV. TRAUMA MANAGEMENT
    - ADV. TRAUMA LIFE SUPPORT
    - COMBAT CASUALTY MGT
      - MPH
      - MBA
      - TWI
      - ADVANCED SCIENCE DEGREE

#### Typical Assignments

- Developmental & Utilization Assignments

<table>
<thead>
<tr>
<th>Rank</th>
<th>Successful Completion of Fellowship</th>
<th>Successful Completion of Fellowship</th>
<th>DIV Surgeon</th>
<th>Corps/MACOM Surgeon</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>BDE Surgeon</td>
<td>Clinic CDR/OIC</td>
<td>Clinic CDR</td>
<td>MEDCOM Staff</td>
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<tr>
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<td>TOE/TDA Clinician</td>
<td>Training Program Faculty</td>
<td>Research Assistant</td>
<td>DCCS</td>
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<td>MEDCEN/MEDDAC Staff</td>
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<td>Residency Director</td>
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<td>Teaching Chief</td>
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<td>Product Mgr</td>
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<td>Division Chief</td>
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</table>

#### Department of the Army

Pamphlet 600-4

**Personnel General**

**Army Medical Department Officer Development and Career Management**

<table>
<thead>
<tr>
<th>Self Development</th>
<th>License by yr. 2</th>
<th>Board Certification</th>
<th>Subspecialty Board Certification</th>
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</table>
Questions?

• Contact Information:
  • Mr. Art Covi, HPSP Program Manager
  • Arthur.l.covi.civ@mail.mil
  • 703-681-8038
  • COL Christine Lettieri, Deputy Director, Medical Education Directorate
  • Christine.f.lettieri.mil@mail.mil
  • 703-681-4809
Army Medicine

Serving the nation since 1775

China 1944

44th MASH, Korea 1954

Radiology residents 1968

Serving to Heal…Honored to Serve