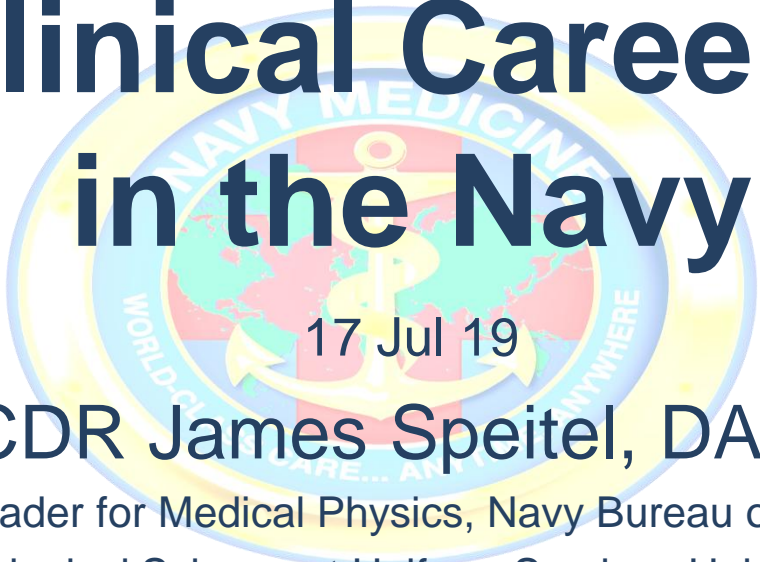


AAPM Brief: Non-clinical Career Paths in the Navy



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Disclosures

- The views expressed in this presentation are those of the Navy Medical Physics community and do not reflect official policy or position of the following:
 - Department of the Navy
 - Uniformed Services University of the Health Sciences
 - Defense Health Agency
 - Department of Defense
 - U.S. Government

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Disclosures

- Current member of the AAPM: Diagnostic Imaging Workforce Working group.

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Outline

- Navy Radiation Health Officer program
- Scope of Medical Physics duties
- Accession requirements and benefits
- Future changes/developments
- Non-Medical Physics duties/Medical Physics 3.0

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Navy Radiation Health Officer Program

- Commissioned Officer program within Navy Staff Officer Corps. Specifically, Medical Service Corps.
- Radiation Health Officer = Health Physicist and/or Medical Physicist
- History: Initially started in 1946 during Operation Crossroads.
- Mission: ensure the protection of personnel, patients, and general public from potentially harmful effects of radiation stemming from Navy operations, on shore, at sea, during peace time and war.

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Scope of Navy Medical Physics duties

- Locations: shipboard imaging units, 2 large medical centers, numerous hospitals, and a worldwide footprint.
 - Shipboard imaging is primarily X-ray units
 - The hospital ships have more advanced imaging including an IR suite and CT
- Active duty military primarily support Diagnostic and Nuclear Medicine medical physics work.
- Initial training and qualifications review for imaging modalities is conducted within the Navy. This now includes a CAMPEP approved diagnostic imaging residency program.
- Inspection standards are set and updated by the Navy Medical Physics Advisory Board.



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Accession Requirements & Benefits



- Candidates must have a minimum of a bachelors of science in mathematics or a physical science field. **(CAMPEP graduate programs will meet this requirement)**
- Must be a U.S. citizen
- Must meet physical fitness requirements.
- Must pass drug screening
- Must be able to obtain a security clearance

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Accession Requirements & Benefits



- Loan repayment & scholarships
- Full medical & dental healthcare coverage
- Housing allowance (tax free)
- Travel around the Country & the Globe
- Fully funded graduate school opportunities
- Good pay, benefits, and retirement
 - Note: While 'good' it is below AAPM avg salary estimates
- Advanced rank based on degree at induction:
 - B.S. – O-1, M.S. – O-2, and PhD – O-3

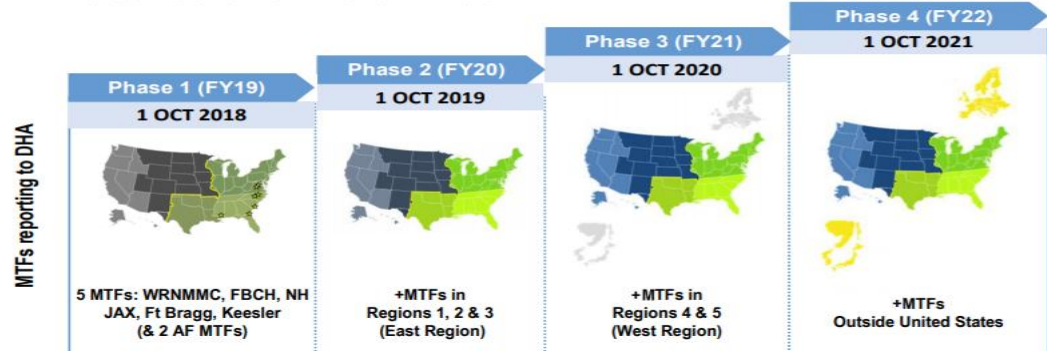
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Future Changes/Developments

- Defense Health Agency
 - The Military Health System has 51 hospitals, 381 clinics, and 247 dental clinics currently managed by the Navy, Army, and Air Force.
 - Transition of all of these facilities to DHA control will occur in next 2 years.

DHA PROPOSED SECTION 702 TRANSITION APPROACH



Defense Health Agency 2017 Stakeholder Report, page 14.

- American Board of Radiology
 - Residency Requirements for Board certification
- Joint Commission Accreditation changes
 - CT training requirements.

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RHO – Health Physics Jobs

- Job locations
 - Ashore: Industrial facilities, Shipyards, Research institutes
 - At sea: Aircraft Carriers, Submarine Tenders
- Types of work (entry level)
 - Plan, direct, and administer radiation protection including dosimetry programs
 - Provide formal instruction and on-the-job training in health physics techniques and procedures
- Types of work (Mid-level and executive)
 - Policy development
 - Regulatory compliance
 - Act as liaison between Navy and other services and federal agencies
 - Leading Departments
 - Command



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RHO – MedPhys 3.0+

- RHO's must be able to explain their value in fiscally constrained environments.
- RHO's are required to develop their leadership and executive skill sets while developing their technical skills.
- Medical Service Corps
 - 22 Specialties
 - Health Care Administration, Health Care Scientists, and Clinical Care

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Questions

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