

USNA Medical Internship Descriptions - Summer 2021

Applications must be submitted online, on the chemistry department internship webpage:
<https://www.usna.edu/ChemDept/ChemMajor/internships.php>

10 December 2020

1. National / Navy Medical Center Internships @ Walter Reed National Military Medical Center (WRNMMC); Navy Medical Center Portsmouth (NMCP); Navy Medical Center San Diego (NMCS).

Clinical Observation

Midshipmen will rotate through several medical departments in the hospital (internal medicine, orthopedic surgery, cardiology, pediatrics, radiology, pathology, etc.). Midshipmen may be given the opportunity to observe and participate in clinical activities to the extent practical. Midshipmen are exposed to a wide range of medical subdisciplines and to the entire career training pipeline for Navy physicians ranging from medical student to attending physician.

<https://walterreed.tricare.mil/>

<https://portsmouth.tricare.mil/>

<https://sandiego.tricare.mil/>

- Dates: Block 0, 1, 2, or 3
- Eligible for PTE credit: yes
- Qualifications: Rising 1/C. Viable candidate for medical school admission. Completion of SB252 (or equivalent) and prior clinical experience would be helpful.
- Funding: Not funded
- Application: Submit online chemistry application.
- POC: Prof Rehill rehill@usna.edu

2. Naval Medical Research Unit-SIX (NAMRU-6) in Peru *Medicine in Developing Communities*

The program will provide education and training in the practice of medicine in developing communities. The internship will include experiences in the following areas: (1) clinical rounds at local military, university, public and private hospitals; (2) visits to specialized hospitals such as the Tropical Medicine Institute, outpatient Leishmaniasis Clinic, and the Institute of Neurological Diseases; (3) didactic and interactive training activities in host nation hospitals, universities, governmental institutions, and other facilities; (4) rotations within Parasitology, Virology, Bacteriology, and Entomology laboratories; (5) field missions to Peruvian cities and villages to study public health issues like water purification and sanitation in the tropics; (6) providing basic medical care to Peruvian villagers during field missions; and (7) activities with the Peruvian Navy. Ideally, this internship will be paired with the MTM internship.

<https://www.med.navy.mil/sites/nmrc/Lima/Pages/HomeLIMA.aspx>

- Dates: TBD, but typically Block 3
- Eligible for PTE credit: yes
- Qualifications: Rising 1/C. Viable candidate for medical school admission.
- Funding: Fully funded
- Application: Submit online chemistry application.
- POC: Prof Kinter kinter@usna.edu

3. Oklahoma Medical Research Foundation (OMRF). *Biomedical Research*

The selected midshipmen will carry out biomedical research at the Oklahoma Medical Research Foundation (OMRF) in Oklahoma City, Oklahoma under the direction of OMRF faculty. OMRF scientists are dedicated to understanding and developing more effective treatments for human disease, focusing on such critical research areas as heart disease, cancer, lupus, and Alzheimer's disease through a cross-disciplinary approach to research. The exact nature of the research project will depend on the interest of the midshipman and the research programs of the participating OMRF faculty.

<https://omrf.org/>

- Dates: TBD. A rotation of 5 - 8 weeks is preferred.
- Eligible for PTE credit: yes
- Qualifications: Open to all majors. Preference will be given to rising 2/C with an interest in the medical corps.
- Funding: Fully or partially funded
- Application: Submit online chemistry application.
- POC: Prof Kinter kinter@usna.edu

4. Uniformed Services University of the Health Sciences (USUHS), Bethesda, Maryland. *Medical Research*

Midshipman participating in this internship will immerse themselves in a clinical research project under the direction of a USUHS scientist. This research will complement their education experience at USNA and afford the midshipman the opportunity to interact with scientist and medical students in a unique research environment. This internship is particularly relevant for midshipmen interested in the Navy Medical Corps.

<https://www.usuhs.edu/>

- Dates: Block 1, 2, or 3
- Eligible for PTE credit: yes
- Qualifications: Open to all majors. Preference will be given to rising 2/C with an interest in Medical Corps.
- Funding: Not funded
- Application: Submit online chemistry application.
- POC: Prof Kinter kinter@usna.edu

5. Walter Reed National Military Medical Center (WRNMMC), Bethesda, Maryland. *Military Tropical Medicine and Illnesses*

This internship will involve exposure to a month long course on military tropical medicine (MTM) given annually in Bethesda at the Uniformed Services University of the Health Sciences. The students will be exposed to multiple militarily relevant topics, and will have the opportunity to interact with General Medical Officers (GMO), operational physicians and multiple military physician-lecturers. They will gain an appreciation for some of the illnesses that can compromise operational missions. As part of the experience, the mentor will engage the midshipman in statistical analysis of data obtained from course evaluation

materials and also take part in development of a formal Monitoring and Evaluation framework for this course. Ideally, this internship will be paired with the NAMRU-6 Peru internship.

<https://walterreed.tricare.mil/>

- Dates: Typically ending of Block 2 and into Block 3.
- Eligible for PTE credit: yes
- Qualifications: Rising 1/C with a demonstrated interest in medicine.
- Funding: Not funded
- Application: Submit online chemistry application.
- POC: Prof Kinter kinter@usna.edu

To Apply

Go to the chemistry department internship [webpage](#) and apply online.

Need Additional Information on an internship?

Contact the POC for that internship.

Chemistry Department Internship Webpage

<http://www.usna.edu/ChemDept/ChemMajor/internships.php>

Medical Internship POCs:

Prof Rehill (rehill@usna.edu)

Prof Kinter (kinter@usna.edu)

Chemistry Internships

The Chemistry Department also sponsors “traditional” chemistry internships – some of which have a biological/medical flavor. Visit the chemistry website for information.

USNA Internship website:

<https://intranet.usna.edu/AcResearch/USNA-Approved-Internships.php>