



UNIFORMED SERVICES UNIVERSITY
of the Health Sciences

F. Edward Hébert School of Medicine

America's Medical School

What You Need To Know



Published March 2016

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USU Mission and Vision

Mission

The Uniformed Services University of the Health Sciences is the Nation's federal health sciences university and is committed to excellence in military medicine and public health during peace and war. We provide the Nation with health professionals dedicated to career service in the Department of Defense and the United States Public Health Service and with scientists who serve the common good. We serve the uniformed services and the Nation as an outstanding academic health sciences center with a worldwide perspective for education, research, service, and consultation; we are unique in relating these activities to military medicine, disaster medicine, and military medical readiness.

*Learning to
Care for Those
in Harm's Way*

Vision

We are the Nation's federal health sciences university, recognized as an outstanding scholarly educational center. Our component schools and institutes are dedicated to excellence and innovation in education, research, and service worldwide.

We are a university that grants degrees in the health sciences at all levels, producing outstanding scientists and health care practitioners for the Nation.

We are recognized as the preeminent center for the study of military medicine, tropical diseases, disaster medicine, and adaptation to extreme environments.

We are a major coordinating center for consultation, support, and advocacy education and operational readiness training in the health sciences, throughout the careers of uniformed medical personnel.

We have a cooperative, mutually supportive and valued interaction with DoD hospitals that enhances undergraduate education, graduate medical education, research programs, and patient care.

We have a partnership with the Henry M. Jackson Foundation for the Advancement of Military Medicine that enriches our scholarship and contributes to our fiscal stability and maximum development.

We attract a diverse population of qualified individuals and encourage their personal and professional development. Our students, faculty, and staff appreciate that they are essential to the work and success of each other and the University.

We are exemplary in providing access and opportunity for career development to people traditionally under-represented in medicine, science, academic, and government service.

We prepare and inspire our students, faculty, and staff for a lifetime of learning, leadership, and service.

Our programs, scholarly activities, faculty, and graduates make outstanding contributions throughout the medical and scientific communities.

Greetings, Friends!

Choosing a medical school can be a daunting experience. The USU Office of Recruitment and Admissions has developed this booklet in an effort to answer some of your questions and to showcase the opportunities available at the Nation's Leadership Academy for the Military and Public Health System.



USU provides an enhanced medical education with a number of unique and special features. Our students--representing diverse geographic, socioeconomic, racial, ethnic, and cultural backgrounds--receive their education and training in state of the art facilities and are connected to the incredible resources of the federal government's vast biomedical research and health services enterprise, including the Veterans Administration and the National Institutes of Health. Physicians in military and public health medicine have access to a global electronic medical records system and are trained with cutting edge technology.

The faculty of the F. Edward Hébert School of Medicine--"America's Medical School"--are committed to excellence in medical education, military medicine, public health, science, technology, and patient care. They ensure that our educational programs remain contemporary and relevant. Present and future graduates will serve in a world undergoing rapid and profound change. Our graduates are uniquely prepared to meet the opportunities and challenges of medicine in this uncertain world.

The Office of Recruitment and Admissions is here to answer your questions and provide any information you may need to help plan your future in medicine. After reviewing the material in this brochure, we hope you will contact us with any follow up questions.

A handwritten signature in black ink, appearing to read "A. Saguil", with a long horizontal line extending to the right.

Aaron Saguil, MD, MPH, FAAFP
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A Medical Career in the Uniformed Services

The Uniformed Services University of the Health Sciences (USU) is located on the grounds of the Walter Reed National Military Medical Center in Bethesda, Maryland – a suburb of Washington, D.C. – and is the nation's only federal school of medicine, graduate school of nursing and postgraduate dental college. The university's close proximity to the National Institutes of Health, the National Library of Medicine and Walter Reed National Military Medical Center make it a unique location for medical education and research.

USU was established by Congress in 1972 to provide career medical officers to serve the nation. More than 5,000 physicians have graduated since USU opened its doors in 1976, many of them in top medical leadership positions around the world.

USU's F. Edward Hébert School of Medicine - America's Medical School - is a non-traditional medical school with a unique focus on health promotion and disease prevention. The school has a year-round, four-year curriculum that is nearly 700 hours longer than found at other U.S. medical schools. In addition to disease prevention and health promotion, these extra hours focus on epidemiology, tropical medicine, emerging infectious diseases, leadership and field exercises, disaster medicine and other subjects that relate to the unique requirements of career-oriented uniformed physicians.

The F. Edward Hébert School of Medicine provides students with the knowledge, skills and attitudes necessary to become supremely competent and compassionate physicians, while also offering them the opportunity to serve their country as uniformed men and women.

A Debt-Free Education

Students attending USU can focus on their education without the worry of incurring debt. Medical students enter the University as commissioned officers in one of the four uniformed services: Army, Navy, Air Force or Public Health Service. No prior service is required for admission to USU. Students pay no tuition or fees and, in fact, receive the full salary and benefits of a uniformed officer throughout their four years at the university in exchange for a seven-year active duty service commitment.* These benefits include free medical care for students and eligible family members, a housing allowance, and 30 days paid leave annually. Books and laboratory equipment are also furnished to students at no charge.

Prior to matriculation, all incoming students attend a four- to six-week officer orientation program where they learn about the customs and traditions of life in their respective services as well as the responsibilities of a uniformed officer. This orientation provides students who have no prior commissioned officer experience with a transition to the uniformed services. Students then proceed to USU for the beginning of their formal medical education.

Upon graduation, students are promoted to the rank of O-3 (Captain for Army/Air Force, and Lieutenant for Navy/Public Health Service).

*PHS graduates have a ten year active duty obligation.



Requirements for Admission

General Requirements

Applicants must be U.S. citizens and meet the physical and security requirements for holding a commission in the uniformed services. Both civilians and military personnel are eligible for admission. However, individuals who are in the military service must have approval from their military departments or sponsoring components as part of their application (including the service academies, scholarship and non-scholarship ROTC, advanced ROTC, and Reservists and Guard).

All students must be at least 18 years old at the time of matriculation, but no older than 36 as of June 30th in the year of matriculation.¹

Test Requirements

Applicants to the School must take the Medical College Admissions Test (MCAT), a standardized examination designed to measure general and specific aptitude for medical studies. Applicants must provide scores from tests that have been taken within 3 years of desired matriculation.

*Academic Requirements**

- Applicants must have been awarded a baccalaureate degree from an accredited academic institution in the U.S., Puerto Rico, or Canada by June 1st of the year of desired matriculation, and must have completed the following coursework:
- One academic year of general or inorganic chemistry with lab
- One academic year of physics with lab
- One academic year of organic chemistry with lab or one semester of organic chemistry and one semester of biochemistry
- One academic year of biology with lab
- One academic year of writing-intensive humanities, languages, social sciences or psychology
- One semester of calculus or statistics

***All prerequisite courses must be taken in a classroom setting.** Community College courses may be used to satisfy these requirements. Advanced Placement and International Baccalaureate courses for which one has been awarded college credit may also be used to satisfy these requirements. It is highly encouraged that those with Advanced Placement or International Baccalaureate credit take upper level science courses to demonstrate their ability to succeed in an advanced, rigorous science based educational setting.

¹ The age limits for entrance parallel those governing appointment in the Regular Medical Corps of the Armed Forces (Section 532 of 10 U.S.C.). Those applicants not meeting these age requirements may request a waiver provided they have been conditionally offered an acceptance. Requests for waivers are sent to the Associate Dean for Recruitment & Admissions to be forwarded with the conditional acceptance to the Assistant Secretary of Defense for Health Affairs (ASD(HA)) for coordination with the respective Service for approval or nonapproval of the age waiver.

Procedures for Admission

The School of Medicine participates in the American Medical College Application Service (AMCAS). Applications are only available directly from AMCAS online at www.amcas.org.

Admission Inquiries

Combining medicine and the military is a dual challenge. For those committed to it, however, the rewards are great: an excellent medical education and the opportunity to serve one's country in a global medical practice. If you would like to receive more information on the School of Medicine, please contact:

Uniformed Services University of the Health Sciences
Office of Admissions, Room A1041
4301 Jones Bridge Road
Bethesda, MD 20814-4799

(301) 295-3101

1-800-772-1743

Fax: (301) 295-3545

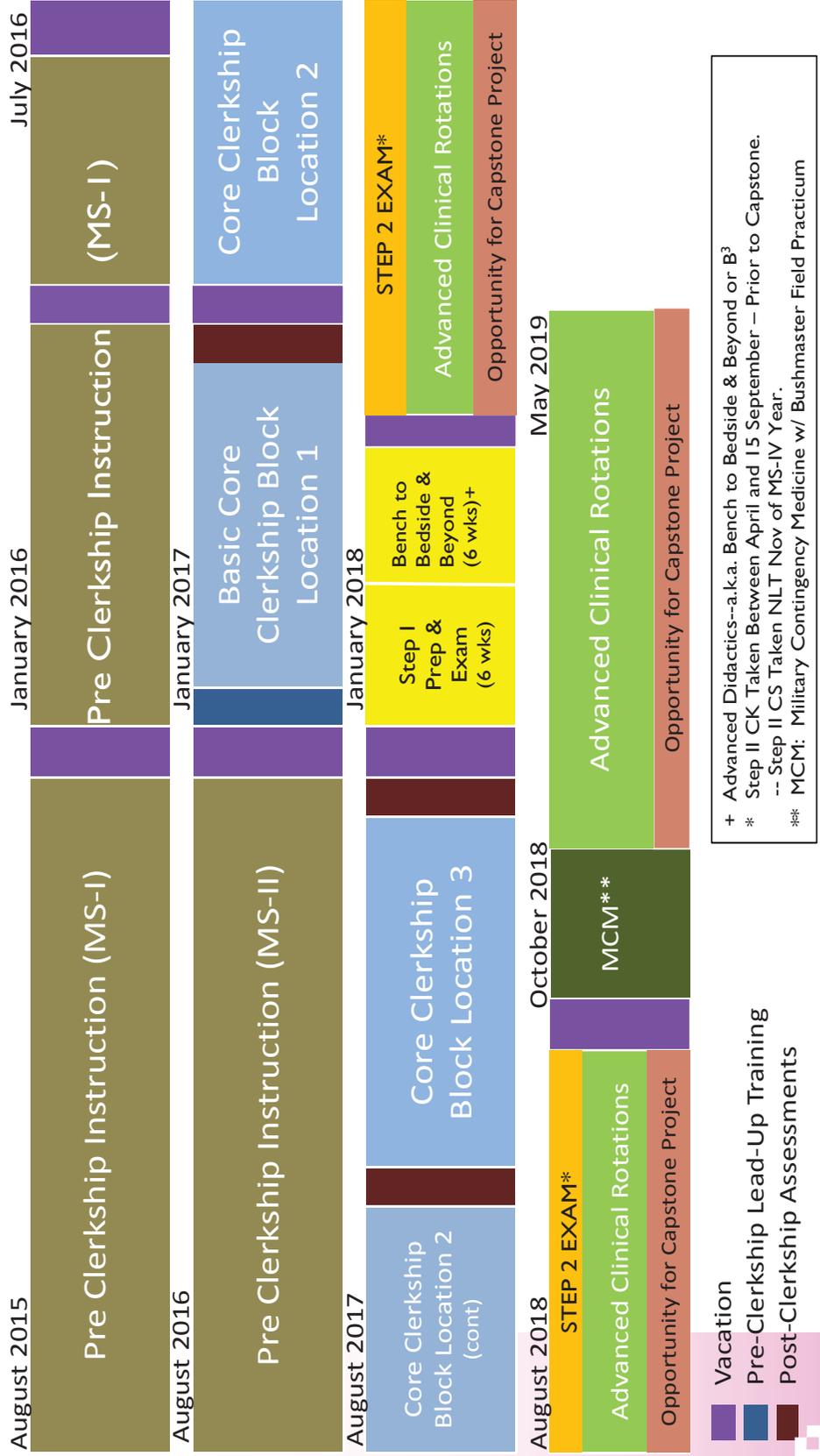
www.usuhs.edu/medschool/admissions

e-mail: admissions@usuhs.edu



“Molecules to Medicine” Curriculum

Overview of USU Molecules to Military Medicine Curriculum (Class of 2019)



“Molecules to Military Medicine” Curriculum

New & Exciting Changes

The F. Edward Hébert School of Medicine underwent a major transformation of its curriculum! The curricular re-design focuses on the theme “Molecules to Military Medicine” and incorporates four conceptual pillars: the integration of basic & clinical sciences across the entire four year curriculum, early patient contact, adaptability to unique learning styles, and the use of advanced educational technologies. As a member of the student body, you have an opportunity to work in a clinical setting early in your studies, while maintaining a strong emphasis on those aspects of the basic sciences that represent the underpinning of all medical education.

The F. Edward Hébert School of Medicine changed from a discipline or course-based curriculum, to an integrated, system-based approach which allows for medical science to be learned and applied in a clinical context. In addition, students have an opportunity to gain meaningful clinical experience in caring for patients within the first few weeks/months of the new curriculum.

As described in the following pages, the overall curriculum will continue to be divided into three major segments: the pre-clerkship, core clerkship and post-clerkship periods, all of which incorporate specialized instruction and training related to the unique aspects of military medicine. Another advantage of the new curriculum is that it includes an even greater amount of time for senior electives and/or advanced research opportunities.



“Molecules to Military Medicine” Curriculum

Pre-Clerkship Period (16 months)

The sixteen month pre-clerkship period allows students to establish a strong scientific foundation, leading to an enhanced understanding of the mechanisms of human disease, and the latest approaches to the prevention and treatment of human illness. At the same time, students develop professional identities as officers and physicians, so they may ultimately fulfill the promise of duty and expertise expected by their patients and military units. Students are taught and mentored by senior faculty, with special emphasis being placed on personal values and the acquisition of skills needed to master the key elements of basic and clinical sciences, along with the social and epidemiologic principles underlying effective patient care.

The Uniformed Services University strives to instill a spirit of enthusiasm and curiosity for a lifetime of discovery and self-improvement. The pre-clerkship period begins with a seven-week “Fundamentals” module which introduces key concepts in basic science and clinical medicine, and allows students to acquire the tools to master the materials and develop the skills presented in six subsequent organ-system based modules.

Fundamentals of Military Medical Practice and Leadership (MMPL)

This aspect of the pre-clerkship program establishes a basic foundation in the skills, knowledge, and attitudes required for the USU graduate to be a successful Military Medical Officer. The Military Medical officer is expected to be a leader, proficient in both clinical and operational military medicine. The USU curriculum is designed to develop the student’s expertise in all aspects of military medicine.

The Military Medical Practice and Leadership track represents the core of the Operational Military Medicine component of the pre-clerkship curriculum. It aims to develop those skills, knowledge, and attitudes that are not strictly medical in nature, but focus on the systems, populations, and leadership skills essential to a successful career in military medicine. Topics include (but are not limited to) professionalism, combat medical skills, pre-hospital trauma life support, military unique medicine, medical intelligence, health service support, medical planning and logistics, the military decision making process, and stability operations. There are two field exercises and an Antietam Battlefield experience, a combination of field training and military history for a full day in the Antietam National Battlefield. These experiences are part of the MMPL track, which begins with the SOM orientation and extends through the entire pre-clerkship

“Molecules to Military Medicine” Curriculum

period.

Core Clerkships Period (12 months)

Following a 10 day orientation session in which students are introduced to their roles and responsibilities associated with the inpatient and outpatient clinical environments, students participate in a total of 48 weeks of required clinical clerkships, which are accomplished in three sixteen-week blocks. The blocks may be completed in any order, but each block involves completion of a paired set of clinical clerkships, that incorporate the integration of key clinical and basic science themes or “threads” (see Table below).

Block 1	Inpatient Medicine	Outpatient Medicine	Psychiatry
Block 2	Family Medicine	Pediatrics	Selective Rotation
Block 3	General Surgery	Surgical Specialties	Obstetrics and Gynecology

Leave periods are provided after the first block, in early May, and after completion of the two other blocks in December. The basic science “threads” build on many of the fundamental anatomic, physiologic and pathologic concepts that were introduced in the pre-clerkship modules. Clinical threads focus on topics of medical professionalism, ethics, patient safety, quality improvement, the skills necessary to practice life-long learning, and on evidence-based medicine.

Post Clerkships Period (17 months)

The major objectives of the post-clerkship period are to prepare students for graduate medical education (residency training), and to foster advanced clinical decision-making skills as students move from being able to **R**eport medical information, to **I**nterpreting information, and ultimately being able to **M**anage and **E**ducate patients in accordance with the synthetic “R.I.M.E.” model of medical education.

The first six-weeks of the post-clerkship phase will be used to help students prepare for successful completion of Step 1 of the USMLE exam. Students will then have a six-week period of advanced curricular instruction entitled “Bench to Bedside and Beyond” or B3. B3 is an opportunity for students to further integrate basic science and clinical concepts in an advanced context. Emphasizing case-based examples, B3 also incorporates topics such as patient safety, interdisciplinary and

“Molecules to Military Medicine” Curriculum



“Molecules to Military Medicine” Curriculum

team-based care, (patient-centered medical home), professionalism and evidence-based clinical decision making.

After B3, post-clerkship students will have an extended period of advanced clinical electives. This will allow time for several ‘audition’ rounds with prospective residency sites and will further enhance students’ clinical skills and opportunities. Offerings include medical and surgical ambulatory and inpatient rotations, research electives, operational medicine electives, as well as traditional sub-internships. During this period, students will complete Part 2 of their board examinations (USMLE Step 2 Clinical Skills and Clinical Knowledge).

The opportunity to complete a Capstone project represents another unique aspect of the post-clerkship period. The Capstone is a longitudinal project involving an area of scientific inquiry of the student’s choosing. Capstone projects can range from traditional basic science projects to integrative, operational, or translational clinical projects. Students completing Capstone projects will be permitted to devote three or more months of dedicated time during the post-clerkship period to this scientific endeavor.

Grading Policy

Included in the recent curricular reform process was a transition from the use of traditional letter grades to a system based on the designation of either Honors, Pass, or Fail. This change is now in effect and applies to the entire four year curriculum. The only exception is that some units/rotations may be limited to the award of a pass/fail designation only.

For more information on the curriculum, please visit our website at: www.usuhs.edu/curriculum

Additional questions? Please feel free to contact:

Dr. Arnyce R. Pock, Colonel (Ret), US Air Force, Medical Corps
Assistant Dean of Curriculum
arnyce.pock@usuhs.edu

Tuition, Books And Equipment

The School of Medicine is a tuition-free institution. In addition, books and instruments are furnished to students either without charge or on a loan basis. Access to computer resources necessary to complete curriculum requirements is required. This may entail purchase of a computer by the individual student.

Status/Pay

While enrolled in the School of Medicine, students serve on active duty as commissioned officers in grade O-1 (i.e., Second Lieutenant in the Army or Air Force, Ensign in the Navy or Public Health Service) with full pay and allowances for that grade.

Military personnel accepted for entrance who hold appointments in grades higher than O-1 must be recommissioned as an O-1 upon matriculation. Regular officers of the uniformed services selected for entrance must resign their Regular commission to enter the School. Resignations should be arranged to be effective coinciding with admissions to preclude a break in service.

Enlisted acceptees are discharged from their services at their duty stations the day preceding their effective Permanent Change of Station (PCS) dates to the School. They are commissioned on the day of official departure from their units. It is important to ensure the discharge is the day prior to the PCS to preclude a break in service.

Base Pay

Base Pay, which is taxable, is based on an individual's service longevity, i.e., years of service. The amount shown in the chart below is the minimum monthly base pay for an O-1 with no prior service.

Basic Allowance For Housing (BAH)

BAH is based on whether a student has dependents, the amount of the service member's rent or mortgage payment and the location of the member's primary duty station. This allowance is provided to all military members who reside off base and is non-taxable. The amount listed in the following chart is the maximum amount for an O-1.

Advance Standing and Transfer

The School of Medicine does not have an advanced standing program and admits students only to the first year class.

Basic Allowance For Subsistence (BAS)

BAS, which is also non-taxable, is one standard amount for all officers.

The following chart depicts annual pay for as student with no prior service at the O-1 as of 2016:

TYPE OF PAY	WITH DEPENDENTS	WITHOUT DEPENDENTS
Annual Base Pay	\$35,669.40	\$35,669.40
Basic Allowance for Housing	27,792.00	25,200.00
<u>Basic Allowance for Subsistence</u>	<u>3,043.56</u>	<u>3,043.56</u>
Annual Total (Gross Pay)	\$ 66,504.96	\$ 63,912.96

Longevity Credit

The four years spent in medical school do not count toward determining pay upon graduation. All students are commissioned into the regular medical corps on graduation day in grade O-3 (captain in the Army or Air Force; lieutenant in the Navy or Public Health Service). At the O-3 grade, the combined base pay, BAH (including locality pay for Washington, D.C.), and BAS for a student with no prior service and no dependents is \$80,872.44 for 2019; for a student with no prior service and dependents, it is \$82,996.44.

Save Pay Provision

SEC. 524. TREATMENT OF PRIOR ACTIVE SERVICE OF MEMBERS IN UNIFORMED MEDICAL ACCESSION PROGRAMS. (Section 2114 of title 10, United States Code)

(a) Medical Students of USU

If a member of the uniformed services selected to be a student has prior active service in a pay grade and with years of service credited for pay that would entitle the member, if the member remained in the former grade, to a rate of basic pay in excess of the rate of basic pay for regular officers in the grade of second lieutenant or ensign, the member shall be paid basic pay based on the former grade and years of service credited for pay. The amount of such basic pay for the member shall be increased on January 1 of each year by the percentage by which basic pay is increased on average on that date for that year, and the member shall continue to receive basic pay based on the former grade and years of service until the date, whether occurring before or after graduation, on

USU Benefits

which the basic pay for the member in the member's actual grade and years of service credited for pay exceeds the amount of basic pay to which the member is entitled based on the member's former grade and years of service.

(b) Participants in Health Professions Scholarship Program

If a member of the uniformed services selected to participate in the program as a medical student has prior active service in a pay grade and with years of service credited for pay that would entitle the member, if the member remained in the former grade, to a rate of basic pay in excess of the rate of basic pay for regular officers in the grade of second lieutenant or ensign, the member shall be paid basic pay based on the former grade and years of service credited for pay. The amount of such basic pay for the member shall be increased on January 1 of each year by the percentage by which basic pay is increased on average on that date for that year, and the member shall continue to receive basic pay based on the former grade and years of service until the date, whether occurring before or after the conclusion of such participation, on which the basic pay for the member in the member's actual grade and years of service credited for pay exceeds the amount of basic pay to which the member is entitled based on the member's former grade and years of service.

Service Obligation

Officers awarded the Doctor of Medicine degree following a 4-year program of medical studies at USU are required by law to serve on active duty for 7 years. Time spent in graduate medical education (i.e., internship or residency) does not count toward the payback. In addition, upon completion of the active-duty service obligation, students who serve on active duty for less than 10 years after graduation will have their names placed on the Individual Ready Reserve (IRR) roster. (Graduate medical education does not count toward the 10 years). While on the IRR roster, service members are on inactive reserve status, with no weekend or annual, active-duty drill required, but are subject to call-up by the President in times of emergency. The amount of time required is as follows:

- Active duty service less than 8 years, 6 years on the IRR roster.
- Active duty service of more than 8 years, but less than 9: 4 years on the IRR roster.
- Active duty service of 9 years or more, but less than 10: 2 years on the IRR roster.

Leave Policies

As officers on active duty, students are authorized 30 days of leave per year. Because of curriculum requirements, leave can be taken only during official school breaks, such as winter recess, spring break and summer leave periods

This leave policy is modified for fourth-year students. Leave is approved and scheduled by the Commandant. Federal holidays and end-of-examination breaks are generally authorized periods of absence.

Benefits

As active duty officers, students are eligible for a wide range of benefits. They may use commissary (military supermarket) and post exchange (military department store) facilities where costs are considerably lower than their civilian counterparts. Certain legal services, such as advice on income tax matters and executing personal wills, are free.

Students are eligible for low-cost life insurance and are provided comprehensive medical and dental care at no charge. TRICARE health care system offers several health care plans to a range of military operations that meet or exceed the requirements for coverage under the Affordable Care Act. Specifics of the plans are available at tricare.mil/plans.

Dependents of students have the same entitlement as dependents of other active duty personnel. Like their military sponsors, they have commissary and post exchange privileges as well as the services of military legal officers. They are eligible for medical care in military treatment facilities on a space-available basis, or under certain circumstances, from a civilian medical resource at partial Government expense. The University has an incredibly active Student Spouse Club. More information may be found at <http://www.usuhs.edu/students/ssc/>.

Dental care is not available for family members at the Walter Reed National Military Medical Center (WRNMMC); however, military members are encouraged to enroll their family members in the Tricare Active Duty Family Dental Plan. Specifics of the dental plan are available at www.addp-ucci.com or www.metlife.com/tricare, or through the WRNMMC Dental Clinic.

Charges for other types of family member health care vary depending on circumstances but are generally much lower than they would be under other medical programs. The University has its own campus health service, which is available to students and their families for medical care and counseling.

University Family Health Center (UFHC)



University Family Health Center (UFHC)

The University Family Health Center (UFHC) is dedicated to providing comprehensive personal and family centered care to active duty students, faculty, their families, and other DoD beneficiaries assigned to the Uniformed Services University (USU). The UFHC is a TRICARE PRIME clinic. UFHC ranks number one in patient satisfaction among all small health clinics and is among the highest ranked medical student health clinics in America as demonstrated on the annual AAMC Graduate Questionnaire. All medical students are required to enroll with the UFHC as their primary care manager site. Active Duty Graduate Students and all Family members may enroll in Tricare Prime and be assigned a UFHC family physician as their primary care manager.

The UFHC is staffed and operated by the Department of Family Medicine with board-certified family physicians and is supported by a professional staff nurse, medical technicians, and administrative support staff. The medical experts at the clinic can manage the majority of your health care. If further expertise is required to diagnose or manage a condition, consultation with other specialists can be obtained at the Walter Reed National Military Medical Center (WRNMMC) or other health care facilities in the National Capital Region.



- ▶ *No Boot Camp!!*
- ▶ *Tuition Free*
- ▶ *Salary and Benefits of a Commissioned Officer (>\$62K)*
- ▶ *Guaranteed Residency Training*
- ▶ *Service to Country*
- ▶ *Unlimited Career Potential*
- ▶ *7-year obligated service*
- ▶ *4-year M.D. degree*
- ▶ *Choose Air Force, Army, Navy, or Public Health Service*
- ▶ *Located in Bethesda, Maryland*
- ▶ *Moving Expenses*



Health Professions Scholarships (HPSP)

- ▶ *No Boot Camp!!*
- ▶ *Full Tuition at any fully accredited U.S medical school or osteopathic school*
- ▶ *Monthly stipend of over \$2,000; plus 45 days of active duty per year*
- ▶ *Service to Country*
- ▶ *Unlimited Career Potential*
- ▶ *4-year obligated service*
- ▶ *Apply to Army, Navy, and or Air Force*
- ▶ *Choose and apply for military or civilian residencies (according to needs of the service)*
- ▶ *Critical Skills Accession Bonus of up to \$20,000 (May vary with each service)*



USU *and* HPSP Comparison

	USU	HPSP
1. Application Process	<i>AMCAS application Choose branch of service if accepted to USU</i>	<i>Apply through service specific local medical recruiting district.</i>
2. Tuition	<i>Tuition-free until graduation or disenrollment</i>	<i>Full tuition paid by HPSP to maximum of 4 years; no payment when not enrolled as a full-time student</i>
3. Books/instruments	<i>Free to students</i>	<i>School-required fees and expenses; rental fees for microscopes</i>
4. Computers	<i>Computer resources available at school in library and in Student Center; students may buy their own laptops</i>	<i>Computer resources available at school in library and in Student Center; students may buy their own laptops</i>
5. Pay	<i>Full O-1 pay with or without dependents + BAH and BAS. For 2016 is \$5,326.08 per month without dependents, \$5,542.08 per month with.</i>	<i>Over \$2,000 stipend per month for 10½ months; 45 days active duty pay as an O-1 + BAH and BAS (partial if government housing provided). One-time critical skills accession bonus \$20,000.</i>
6. Service Obligation	<i>7 years Active Duty after graduate medical education, remainder to 14 years served in the Individual Ready Reserve. Graduate Medical Education does not relieve obligation.</i>	<i>4 years Active Duty after graduate medical education, remainder to 8 years served in the Individual Ready Reserve. Graduate Medical Education does not relieve obligation. If participate in a 5, 6, or 7 year GME, service obligation is 5, 6, or 7 corresponding years.</i>
7. Benefits	<i>Active Duty benefits for self and dependents; low cost life insurance; free and convenient health care available on campus for self and dependents; commissary and base exchange privileges unlimited.</i>	<i>Active Duty benefits for self only when on 45 days of active duty; limited base exchange and commissary privileges when not on active duty (with I.D. card) and only if near a military base; not eligible for health benefits for self and family great majority of year.</i>
8. GME deferments	<i>Eligible for 1-year or full deferments.</i>	<i>Eligible for 1-year and full deferments.</i>
9. Career Planning	<i>Mentored throughout medical school for potential career in military medicine; opportunities for operational activities readily available</i>	<i>Mentored by civilian medical school; may have access to HPSP liaison or Professional School Liaison Officer (PSLO) at school; limited opportunities for operational activities due to time and space constraints.</i>
10. Contacts	<i>admissions@usuhs.edu (301)295-3101 (800)772-1743 www.usuhs.edu</i>	<i>Local recruiter – Army - www.goarmy.com/locate-a-recruiter.html Air Force - www.airforce.com/contact-us/recruiter-locator/ Navy - www.navy.com/locator.html</i>

Numerous activities, organizations and special interest groups are available at the university to address a wide range of diverse interests. Students are also encouraged to participate in the health-based volunteer opportunities in the community. These groups include:

Alpha Omega Alpha

American Medical Association–Medical Student Section

American Medical Student Association

AMSA’s Military Medicine Interest Group

Asian Pacific American Medical Students Association

Association of American Medical Colleges–Organization of Student Representatives (AAMC-OSR)

Association of Military Surgeons of the United States (AMSUS)

Christian Medical and Dental Society (CMDs)

Latino Medical Student Association

Lesbian, Gay, Bisexual, Transgender People in Medicine & Allies

Military Medical Student Association (MMSA)

Phi Delta Epsilon (PhiDE)

Student National Medical Association

Students for AIDS Education (SFAE)

Student Spouses Club

The Dermatones

Women In Medicine (WIM)

Interest Groups: The university offers a great variety of interest groups, many affiliated with national sponsoring organizations, which provide opportunities for learning about careers and fostering interest in specific medical specialties by having students spend time with physicians in an office or hospital environment. Students often become involved in medically related service projects. Current interest groups include the Aerospace Medical Student Organization, Club Med–Internal Medicine Interest Group, Emergency Medicine Student Association, The Cutting Edge–Surgical Interest Group, Family Medicine Interest Group,

Class of 2018 Profile

The F. Edward Hébert School of Medicine matriculated its thirty-ninth class with 2,740 applicants having competed for 171 positions. The applicant-to-position ratio was 16:1.

Two hundred and eighty-two conditional offers were tendered for the 2014 First-Year Class, providing an acceptance rate of 61 percent.

The incoming class is comprised of 59 women (34%) and 112 men (66%). Thirty-four percent of the applicant pool was female. The average age of the entrants at the time of application was 24.8 years.

Twenty-four of the incoming students are reapplicants to the School of Medicine.

Geographically, the student representation is as follows: the North is the legal residence of 28 percent of the class; 26 percent are from southern states; 9 percent are from central states; and 37 percent are from the West.

Academically, the acceptees presented the following scores: at the time of application, their college cumulative grade point average (GPA) and science GPA was a 3.6. The mean score of the acceptees on the Medical College Admission Test (MCAT) was 31.7, compared to applicants' average score of 28.6.

All of the students have received baccalaureate degrees. Twenty-three hold master's degrees, and three students hold doctorate degrees. Biology was the most-represented undergraduate major of matriculants (26 percent), followed by chemistry at 9 percent and biochemistry at 8 percent. Other majors for the members of the Class of 2018 were: history, mathematics, neuroscience, finance, nursing, engineering, and theatre arts.

Sixty percent have had no previous military experience. The remaining forty percent have been associated with the military in the following capacities: 21 were prior or active duty officers; 11 were prior or active duty enlisted; 24 were 2014 service academy graduates; 11 were direct graduates of ROTC programs and 2 Reservists.

The F. Edward Hébert School of Medicine matriculated its fortieth class with 2,997 applicants having competed for 171 positions. The applicant-to-position ratio was 18:1.

Two hundred and fifty-three conditional offers were tendered for the 2015 First-Year Class, providing an acceptance rate of 68 percent.

The incoming class is comprised of 64 women (37%) and 107 men (63%). Thirty-five percent of the applicant pool was female. The average age of the entrants at the time of application was 24.7 years.

Fifty-one members of the entering class are from minority groups, including 19 from the groups classified as underrepresented in U.S. medicine. The class includes 9 Blacks, 29 Asian/Pacific Islanders, 3 Puerto Ricans, 5 Mexican Americans, 2 Hawaiians, and 3 Other Hispanics.

Twenty-four of the incoming students are reapplicants to the School of Medicine.

Geographically, the student representation is as follows: the North is the legal residence of 27 percent of the class; 28 percent are from southern states; 13 percent are from central states; and 32 percent are from the West.

Academically, the acceptees presented the following scores: at the time of application, their college cumulative grade point average (GPA) was 3.62 and their science GPA was 3.55. The mean score of the acceptees on the Medical College Admission Test (MCAT) was 31.4, compared to applicants' average score of 28.1. The MCAT consists of three sections: verbal reasoning, physical sciences, and biological sciences.

All of the students have received baccalaureate degrees. Twenty-six hold master's degrees and two have been awarded doctorates. Biology was the most-represented undergraduate major of matriculants (26 percent), followed by chemistry at 10 percent and biochemistry at 9 percent. Other majors for the members of the Class of 2019 were: kinesiology, mathematics, neuroscience, philosophy, political science, engineering, and visual arts.

First Generation College: 28 (16%) students come from parents who did not complete a four year college degree.

One-hundred four students (61%) have had no previous military experience. The remaining sixty-seven students (39%) have been associated with the military in the following capacities: 10 were active duty officers; 4 had prior active duty as officers; 11 had prior active duty as enlisted personnel; 24 were 2015 service academy graduates; 16 were direct graduates of ROTC programs and 2 Reservists.



Frequently Asked Questions

1. Will I have to go to boot camp?

Answer: No, students enrolled in the Health Professions Scholarship Program or accepted to USU attend their service-specific officer training. This ranges from 4 weeks to 5 weeks and involves both classroom work on traditions of the particular service, training that may range from pitching a tent to shoring up spaces on board a ship, learning to march, salute, wear the uniform, and the military legal system. Yes, you will have to make your bed and keep your room clean.

2. What are the physical requirements?

Answer: The four services have different physical readiness requirements on which you will be tested twice yearly, and the minimum effort is age dependent. You will have to conform to the weight standard for each service, and will have to do a minimum number of sit-ups and push-ups. You will also have to run a 1.5-2 mile course in a specified time.

3. Will I be pulled out of medical school to go to war?

Answer: No. As a medical student, you do not have the skills needed to support combat operations used in a war. The services need you to complete medical school and get a license to practice medicine so that you can serve as a licensed physician. If you are selected to continue in your residency, you will also not be pulled out to go to war because we need your services as a specialist, not as a general medical officer. If you are not selected to continue in your residency, you will receive supplemental training ranging from two weeks to six months to prepare you for your role in the operational setting.

4. What are the requirements for USU and HPSP?

Answer: You must be a U.S. citizen and have no felony convictions. You must also have NO other obligations such as being on probation for something else. Professionally, an MCAT > 24, >496, and a GPA >3.0 are the minimum standard. For USU, the mean MCAT is ~31 and ~510 and the mean GPA is >3.5. For HPSP the mean MCAT is 27 and the mean GPA is 3.45. USU requires passing USMLE Step 1 and 2 to graduate. HPSP also requires passing scores on USMLE Step 1 and 2 or COMLEX Level 1 and 2 for commissioning to O-3 regardless of what your school requires for graduation.

Frequently Asked Questions

5. Do you have to have military experience to be accepted at USU?

Answer: No. Approximately 30-40% of our students have some form of prior military experience as an officer or enlisted person. The majority of the students listed as having prior military service actually are students who have just graduated from the three service academies or ROTC units.

6. What about family?

Answer: The Military understands that family is important. Fifty-five percent of active-duty service members are married, and approximately 36 percent of these families include children.* Our students enjoy the resources and services available to all active duty families and those include child care, family health coverage and access to medical facilities, family advocacy and counseling, as well as relocation services. USU medical students enjoy full active duty salary and benefits while in school, which helps reduce the stresses of providing for a family while also being a full time student. Doctors in the military actually get to spend MORE time with their families than their civilian counterparts who may have to work longer hours to pay back loans and can't take vacations because someone else has to take care of their patients.

7. Do I have to do my residency in a military hospital?

Answer: If you are a USU graduate you are guaranteed training in a military hospital. Military internship graduates do have a choice about going straight through and finishing their residency or doing an operational tour as a general medical or operational medical officer. This is far more common in the Navy than either the Army or Air Force. There are many operational opportunities that can be career enhancing such as flight surgery, undersea medicine, fleet marine force, and surface warfare in addition to providing primary care at various armed forces medical facilities around the world. If you are an HPSP student, limited, highly selective opportunities may be available for civilian training in a deferred status. This means that you must match to an accredited civilian allopathic or osteopathic internship or residency in the specialty area that is identified by the needs of the

* <http://todaysmilitary.com/living/family-social-life>

respective service.

8. How good are the military residencies?

Answer: All military residencies (Army/Navy/AF) are reviewed by the same national accrediting body that surveys the civilian training programs. Military residencies are very competitive with university-based residencies, and military residency graduates have among the highest first time pass rates on specialty board certification exams.

9. How does military pay compare to civilian pay?

Answer: Military pay is a matter of public record. If you are interested in pay tables, you can find them on www.dfas.mil. Doctors in the military start out with much higher pay as interns and residents than do their civilian counterparts. Students enrolled at USU do not pay any tuition and are paid as officers with full officer benefits as well. During internship and residency and all of the payback time, a military doctor accumulates time in service toward retirement, in addition to time in grade for promotion and pay increases. After specialization, doctors are paid special bonuses based on the relative discrepancy between civilian and military pay and the needs of the service. Fully trained doctors who have completed their payback usually make about \$200K-\$300K, have full medical and dental benefits, 30 days paid vacation per year and pay no malpractice insurance.

10. Does the School of Medicine value diversity?

Answer: Yes. The Nation's Armed Forces and Public Health Beneficiaries represent all demographics of America, and their physicians need to embody that same diversity of socioeconomic, racial, ethnic, and cultural backgrounds. The School of Medicine does not discriminate on the basis of race, gender, sexual preference, color, creed, religion, national origin, marital status or State of residence. The Admission Committee takes all aspects of a potential student's educational journey into account when making admissions decisions--a diverse student body holds tremendous educational value for all future military and public health medical officers.

Top 10 Reasons to come to USU

By ENS Luke Womble Class of 2015

10. Money isn't everything, but getting paid to go to school is pretty sweet.
9. Where else can you learn rappelling and combat medical skills, go to Hawaii, and work with pilots, divers, submariners, or other line communities all while receiving the exact same medical training as your civilian peers?
8. You have a desire to practice medicine in a military setting and want to learn at the best possible school for this.
7. You want to be exposed to military culture early in your medical training so you are comfortable entering that world upon graduation.
6. You think it would be exciting to live in the Washington, D.C. area while attending medical school (and are willing to put up with the traffic).
5. You want the opportunity to network with and learn from gifted senior military physicians early in your training.
4. You want to attend a school with incredible classmates who humble and challenge you every day and exhibit amazing camaraderie and team spirit.
3. You want to attend a school with a high emphasis on professionalism, accountability, and leadership (where you have to stay in shape and can't show up to class in your pajamas).
2. The thought of going to any other school leaves that question mark in your heart and mind.
1. You feel called to serve the medical needs of an incredible population of retirees, active duty service members, and their families.

By ENS Teresa Gilbride Class of 2016

10. Fitness-focused environment.
9. The leadership training—an incredibly useful skill for the rest of your career as a doctor in or out of the military.
8. In the military, you have the ability to be a doctor without as much of the bureaucracy—you do not have to worry about dealing with insurance companies or about malpractice insurance, for example—huge plus.
7. The adventure! Rappelling, land navigation, combat medical skills, MREs (believe me, eating an MRE is quite the experience)—adventure is never lacking here at USU.
6. The new curriculum—you will never be bored! Synthesizing basic sciences with regular clinical experiences is the name of the game.
5. Opportunity to do rotations all over the country, wherever there is a military hospital ...including Hawaii =).
4. No debt education plus a salary on top—when there is time to have a life, you can actually have a life!
3. Inspiring patient population—the opportunity to serve those men and women who give up so much for our country.
2. The extra training offered—Bushmaster and all the other field training exercises—these experiences turn you into a more resilient, resourceful doctor, no matter what your specialty.
1. The people—hands down the best thing this school has to offer—the helpful, caring, wonderful, knowledgeable classmates, professors, supporting staff, everyone—incredible community support and camaraderie.

School of Medicine Graduate Programs

Are you planning to obtain an advanced degree in biomedical science or public health? The intellectual stimulation, a desire to expand your skills and knowledge, and the potential for career advancement, may make this option attractive for you. The Uniformed Services University of the Health Sciences (USU), School of Medicine Graduate Programs may be just the place for you to receive a challenging course of study leading to a doctoral or masters degree in an environment of service and interest in contributing to the health and research needs of the nation. The doctoral degree programs available at USU are:

- Interdisciplinary Ph.D. Programs
 - Emerging Infectious Diseases
 - Molecular and Cell Biology
 - Neuroscience
- Departmentally-based Ph.D. Programs
 - Medical and Clinical Psychology
 - Environmental Health Sciences
 - Medical Zoology
- Doctor of Public Health (Dr.P.H.)
- Physician/Scientist (M.D./Ph.D.) Program
- Master of Science Programs
 - Public Health
 - Molecular and Cell Biology
- Master of Public Health (M.P.H.)
- Master of Tropical Medicine and Hygiene (MTM&H)
- Master of Military Medical History (MMH)
- Master of Healthcare Administration and Policy (MHAP)

The SOM USU Graduate Programs are offered to both civilian and military students and are an essential and critical element of the academic environment at the University. The USU campus is located in Bethesda, Maryland, (a suburb of Washington, DC), on the grounds of the Walter Reed National Military Medical Center.

Large numbers of both basic science and clinical science faculty members are involved in the didactic and research training of USU graduate students. An excellent faculty to student ratio is provided

School of Medicine Graduate Programs

by the more than 150 biomedical science faculty who teach graduate student courses and mentor students during their research and thesis preparation. Graduate training programs are conducted in state-of-the-art research facilities on the USU campus. Students can enhance their educational experiences at USU through collaboration with the National Institutes of Health, Walter Reed Army Institute of Research, NMRC, USAMRIID and numerous biotechnology companies in the area.

The 158 students currently enrolled in the doctoral and master's programs at USU come from all parts of the country and from all types of undergraduate academic institutions. Two-thirds of the graduate students are pursuing doctoral degrees (Ph.D. or Dr.P.H.) and one-third are master's degree candidates

The University offers stipends on a competitive basis to civilian doctoral students who are U.S. citizens or resident aliens. Currently USU-supported stipends range from \$27,000-\$28,000 per year. Outstanding applicants may be nominated for the Dean's Special Fellowship that supports a standard stipend with an additional \$5,000. Civilian students do not incur a service obligation to the United States government after the completion of their graduate training program. Active-duty military personnel accepted to study full-time must have the consent and sponsorship of their parent service. Tuition is waived for USU graduate students.

Applicants must have completed a bachelor's degree from an accredited academic institution prior to enrollment. Information and application can be found at: www.usuhs.edu (click on "Graduate Education")

Completed application should be received before January 15 for matriculation in late August. There is no application fee.

Specific Programs and Research Areas:

Emerging Infectious Diseases Program

This interdisciplinary program has three academic tracks within the field of emerging infectious diseases: microbiology and immunology, pathology, or preventive medicine/parasitology, with primary interest in the pathogenesis, host response, pathology and epidemiology of infectious diseases. Research training emphasizes modern methods in molecular biology, cell biology and interdisciplinary approaches. Contact christopher.broder@usuhs.edu or visit www.usuhs.edu/eid.

Molecular and Cell Biology Program

This interdisciplinary Ph.D. program offers training to address many of the fundamental questions of modern biology ranging from protein-nucleic acid interactions to cytokines, growth factors, and developmental biology. Prospective students should have a background in biological or chemical sciences. Study for the M.S. degree is available to uniformed officers. Contact mary.cutler@usuhs.edu or visit www.usuhs.edu/mcb.

Neuroscience Program

This is an interdisciplinary Ph.D. program for students with strong training in the biological, behavioral, and/or physical sciences. Research includes development, regeneration, and plasticity in the nervous system, molecular neurobiology, and adaptive responses of the nervous system to stress, injury, and a changing environment. Integrated instruction in the development, structure, function and pathology of the nervous system and its interaction with the environment is provided. Contact sharon.juliano@usuhs.edu or visit www.usuhs.edu/nes.

Department of Medical and Clinical Psychology

Doctoral programs and research in medical psychology emphasize the application of psychology to behavioral medicine and to clinical psychology. Study in applied areas on the interface of health, psychology, and behavior, and in basic areas of psychology is offered. An American Psychological Association-accredited clinical psychology Ph.D. program is offered to selected members of the Uniformed Services. Contact andrew.waters@usuhs.edu or visit www.usuhs.edu/mps.

School of Medicine Graduate Programs

Department of Medical History

A Master of Military Medical History (MMH) program is offered to U.S. Army officers. The program is designed to meet the needs of Army officers in the Medical Service Corps MOS 70H, to prepare the officer to be an instructor in professional military medical education programs, and for utilization as a field historian for specific military medical issues. Contact kristin.heitman@usuhs.edu.

Department of Preventive Medicine and Biometrics

Graduate programs in public health are offered at the master's and doctoral levels. The Master of Public Health (MPH), Master of Tropical Medicine and Hygiene (MTM&H), and the Master of Science in Public Health (MSPH) programs are designed for students with at least 3 years of experience in a health-related field. The Doctorate in Public Health program prepares individuals for leadership roles in research, teaching, or policy development in the field of public health. Two Ph.D. programs are offered: Medical Zoology, for students with a master's degree in entomology or parasitology who wish to pursue further study in field-oriented medical parasitology or vector biology; and Environmental Health Sciences, which includes environmental health science research particularly in the area of military-relevant exposure assessment. Contact david.cruess@usuhs.edu or visit www.usuhs.edu/pmb.

Masters of Healthcare Administration and Policy (MHAP) Program

The MHAP is a masters Program offered within the Department of Preventive Medicine. This 2-year program designed to develop health systems leaders with sophisticated interagency policy expertise. The primary focus of the degree is the merging of critical thinking and knowledge while exposing students to the global, political, and institutional factors that influence the need, demand, and cost of health services. The faculty and staff provide and innovative curriculum that offers access to top policy-making federal government agencies, of both a didactic and residency phase. The first year is composed of five academic quarters focused on an in-depth approach to the study of healthcare policy, applied science, and leadership. The second year of

School of Medicine Graduate Programs

the program consists of an administrative residency in the NCA which will provide practical experience in healthcare administration, policy, and leadership. Contact kenneth.jones@usuhs.edu or visit www.usuhs.edu/pmb/hsa-grad-edu.

For more information contact:

Graduate Education Office

(301)295-3913, -9474

(800)772-1747

E-mail: graduateprogram@usuhs.edu

Web: www.usuhs.edu (click on “Graduate Education”)

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