

The USAF School of Aerospace Medicine

Col. Charles R. Fisher Jr., Commander

The USAF School of Aerospace Medicine (USAFSAM) is the premier institute for research, education, and worldwide operational consultation in Aerospace Medicine. In 2008, USAFSAM merged with the Air Force Institute for Operational Health to create a fully integrated team of researchers, educators, and some of the world's top consultants across 15 worldwide locations to form the powerful nexus of a new Center of Excellence for Aerospace Medicine. Together USAFSAM, the Human Effectiveness Directorate, and the Human Performance Integration Directorate create the 711th Human Performance Wing; the first human-centric warfare wing to consolidate research, education, and operational consultation under a single organization. By joining forces with the Air Force and Navy Research Laboratories, *USAFSAM will fully leverage aeromedical art, science, and technology to optimize performance, health and survival of normal humans in abnormal or extreme environments including combat, air, space and cyberspace.*



USAFSAM had its inception in 1918 as the Medical Research Laboratory of the Air Service, U.S. Army Signal Corps started by Dr. Theodore Lyster. In 1922, it was redesignated the School of Aviation Medicine and four years later was moved to Brooks Field, Texas. In 1931, the school relocated to Randolph Field, Texas, where on February 9, 1949, the Department of Space Medicine was established by Brig. Gen. Harry G. Armstrong. The school's mission expanded, resulting in its move back to Brooks Air Force Base in 1959 and redesignation as the USAF School of Aerospace Medicine. On March 28 USAFSAM joined the Air Force Research Laboratories as part of the 711th Human Performance Wing and will re-locate to Wright-Patterson AFB, Ohio in 2011.

Mission Statement

First-call consultants in Aerospace Medicine, we find solutions to operational needs of today and tomorrow and prepare new aeromedical experts for future global challenges

Departments

- Office of the Dean
 - Distributed Learning, Academic Affairs, Registrar/Learning, Student Operations
- Aerospace Medicine
 - Aerospace Medicine Consultation, Aerospace Medicine Education, Aerospace Medicine Research, Dental Evaluation and Consultation Service
- International and Expeditionary Education and Training
 - Defense Institute for Medical Operations, International Health Specialist, Advanced Aerospace Medicine for International Medical Officers (AMIMO), AF Expeditionary Skills Institute (AFEMSI), and Contingency Operations
- Occupational and Environmental Health
 - Education, and Occupational/ Environmental Health
- Preventive Medicine and Public Health
 - Public Health Education, Epidemiology Laboratory Service, Epidemiology Consult Service, and Applied Technology Center

For more information about USAFSAM please call (210) 536-2001; DSN 240-2001
[24 Hour ESOH Service Center](#) 1-888-232-ESOH (3764) or 210-536-5454 (DSN 240-5454)
[Epidemiological/Outbreak Support](#) (210)-536-3471 (DSN 240- 3471)
[Hyperbaric Emergencies](#) (210) 292-3483 or 5990 (DSN 554-3483)
[Aeromedical Consultation](#) (210) 536-2811 (DSN 240-2811)

711 HPW Air Force website at <http://www.wpafb.af.mil/afri/711HPW/>

Organizational Mission

Education and Training

USAFSAM conducts all initial and advanced professional training for Bioenvironmental Engineers, Public Health, Aerospace Physiology and Aerospace Medicine officers, as well as hosts three Accreditation Counsel for Graduate Medical Education accredited medical residencies in Aerospace Medicine, Occupational Health and Preventive Medicine. USAFSAM educates and trains approximately 6,000 Air Force, DoD, and international students annually. As the Air Force's premier training platform for combat medical training and aeromedical evacuation, USAFSAM utilizes state-of-the-art simulators, live subjects and rigorous in-residence training at three of the nations top trauma centers to prepare Air Force medics for contingency operations and rapid evacuation anywhere in the world.



Research and Technology Development

USAFSAM researchers continue to define new frontiers in aerospace medicine and health hazard assessment. The aerospace medicine teams prolifically study and expand the world's knowledge of ophthalmology, cardiology, pulmonology and human cognitive performance under rigorous conditions, improving human performance well beyond previous boundaries. USAFSAM's extensive ultra-high technology laboratories process more than 45,000 lab samples per week, conducting complex virology and bacteriology studies from around the globe as a crucial part of our nation's epidemiological surveillance activity. Researchers enhance, appraise and field microminiaturized detection technology for human health hazards from chemicals, biological, and radiological sources and develop the tools, tactics and procedures for use worldwide.



Consultation

USAFSAM provides around-the-clock response and consultative capability for aeromedical, chemical, biological and radiological health hazard needs. The experienced USAFSAM staff advises on sample collection, epidemiologic surveillance, aeromedical treatment and hazard assessment. In every facet of Aerospace Medicine, from aviator health and hyperbaric medicine to advanced molecular detection and epidemiology, a USAFSAM expert is only a phone call away.



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