

*Curriculum Vitae*

**Christopher Robert Armstrong, MD, MAEd, MPH, FACPM, FAsMA**

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**Education and Training**

- B.S.            The College of William and Mary in Virginia, Williamsburg, Virginia  
Concentration: Biology
  
- M.A.Ed.        The College of William and Mary in Virginia, Williamsburg, Virginia
  
- M.D.            Eastern Virginia Medical School, Norfolk, Virginia
  
- M.P.H.         The Tulane University of Louisiana, New Orleans, Louisiana  
Concentration: Health Systems Management
  
- PGY-1         Eastern Virginia Graduate School of Medicine Affiliated Hospitals, Norfolk, Virginia  
Internal Medicine
  
- Residency     Naval Operational Medicine Institute, Pensacola, Florida  
Aerospace Medicine

**Experience**

2016-Present    Medical Director, Division of Energy Employees Occupational Illness Compensation, Department of Labor, Office of Workers' Compensation Programs, Washington, DC. Serves as the principle advisor to the Director on medical policy. Recommends changes to legislation, regulations, policies and procedures. Represents the Department of Labor to medical professionals, government agencies, academic institutions, professional and trade associations, labor organizations, industry groups, and public interest groups. Audits contract medical consultant reports to ensure that appropriate medical specialists are assigned and the reports received are well-reasoned, complete, and responsive to the needs of the Government. Serves as an assistant professor at the Uniformed Services University of the Health Sciences. Guided the acquisition of a pharmacy benefit manager to assist the agency in adjudicating and paying more than \$314M in pharmacy claims annually. Guiding the acquisition of comprehensive, evidence-based, medical treatment and return to work guidelines to improve clinical outcomes and prevent improper payments by the agency.

- 2014-2016 Chief, Clinical Services Section, Defense Health Agency, Immunization Healthcare Branch, Falls Church, Virginia. Responsible for the development of immunization policy, the development and implementation of education programs, and the coordination of clinical consultation services that enhance vaccine safety, efficacy, and acceptability for and among Military Health System beneficiaries worldwide. Serves as an assistant professor at the Uniformed Services University of the Health Sciences. Led 33 civil service employees in grades GS-11 to GP-15. Strategically moved positions vacated through turnover to establish a new regional office in San Diego, California to better serve beneficiaries in the western US and the Pacific. Led a thorough curriculum review, earned certification to award American Medical Association continuing medical education credit for instructor-delivered courses, and supervised the transition of all online courses to a state-of-the-art learning management system.
- 2010-2014 Chief, Public Health and Preventive Medicine, Defense Health Agency, National Capital Region Medical Directorate, Bethesda, Maryland. Coordinated the development, review, and implementation of Environmental Health, Industrial Hygiene, Occupational Medicine, Preventive Medicine, and Radiation Safety policy for Walter Reed National Military Medical Center and Fort Belvoir Community Hospital. Served as an assistant professor at the Uniformed Services University of the Health Sciences. Coordinated the decommissioning of the Radiation Safety Program at Walter Reed Army Medical Center and secured Navy radioactive materials permits for the new Walter Reed National Military Medical Center and Fort Belvoir Community Hospital--the Nation's first Joint military treatment facilities. Led the 2010-2014 Seasonal Influenza Immunization Programs, consistently reaching Department of Defense (DoD) goals ahead of schedule. Coordinated participation in the DoD's worldwide influenza surveillance program. Concluded negotiations leading to memoranda of agreement among multiple federal agencies ensuring the capability to isolate and treat workers occupationally exposed to high-risk biological and chemical agents.
- 2006-2010 Director, Aerospace Medicine, Department of the Navy, Bureau of Medicine and Surgery, Washington, DC. Coordinated the development and review of aerospace medicine policy for the Navy and Marine Corps. Advised the Navy Surgeon General on matters pertaining to aeromedical recruiting, training, and staffing; aviation safety; and physical standards and disposition of aeronautically designated personnel. Served as an assistant professor at the Uniformed Services University of the Health Sciences. Instituted the use of wave front-guided photorefractive keratectomy (PRK) in Naval Aviation—improving the visual acuity of aviators undergoing LASER vision correction and improving flight safety. Coordinated funding for enhancing the Aviation Selection Test Battery-E by adding a fake-resistant personality measure that eliminates certain bias against minority test subjects inherent in cognitive ability tests--increasing minority applicant pass rates and diversity in Naval Aviation without reducing predictability of job performance. Revised the Manual of the Medical Department to eliminate the use of contact lenses during aviation training and to reinstate the distinction between service groups--improving flight safety, aviation career longevity, and return on investment in aviation training. Led 2 officers and one enlisted.

- 2004-2006 Assistant Professor, F. Edward Hébert School of Medicine, Uniformed Services University of the Health Sciences, Bethesda, Maryland. As Director of the Military Emergency Medicine Clerkship (2004-2006), coordinated student participation and ensured quality education during all extramural clerkships sponsored by the Department. Co-authored first edition of the *Emergency Medicine Clerkship Manual*, which provides students with advice on successful interactions with patients and staff members in the emergency department and defines academic requirements for completion of the clerkship. Added one training site and eliminated three with weak academic programs. As the Curriculum Director for "Introduction to Combat Casualty Care" and "Introduction to Joint Military Medical Planning" (2005-2006), developed and ensured a well-coordinated, organized, relevant, and engaging curriculum that clearly demonstrated the relationship between topics covered by the Departments of Microbiology and Pathology, and the realities of medical care in the combat environment. Revised and updated the student laboratory manual and faculty guide. Team-taught Bio-medical Ethics, Epidemiology, Occupational Medicine, and Preventive Medicine to first, second, and fourth-year medical students. Treated patients in Travel Medicine Clinic (2004-2005) and evaluated patients in Smallpox Vaccination Clinic (2004-2006).
- 2001-2004 Chief Medical Officer and Director for Outpatient Care, Naval Hospital Cherry Point, Havelock, North Carolina. Responsible for the professional activities of all credentialed hospital providers and for the organization and management of the outpatient care product line. Developed and implemented a plan to administratively and physically reorganize the hospital—streamlining organizational relationships, increasing efficiency, and improving access. Represented the Commanding General, Marine Corps Air Station Cherry Point in negotiations with the National Air Traffic Controllers Association, AFL-CIO. Aeromedical Advisor to the Commanding General, Marine Corps Air Bases, East. Led 35 officers, 46 enlisted, and 111 civilians—including both civil service and contract personnel. Managed \$11.8 Million annual budget.
- 1998-2001 Assistant Wing Surgeon and Clinic Director, Naval Branch Medical Clinic, Marine Corps Air Station (MCAS) New River, Jacksonville, North Carolina. Responsible for the organization and management of all medical support provided at MCAS New River. Obtained \$700,000 in funding for a state-of-the-art telephone system—increasing efficiency and improving patient access. Negotiated for the installation of the Clinic's first computers—ensuring physician access to state-of-the-art information systems support both in garrison and while deployed. Proposed and coordinated the establishment of a Family Medicine Clinic within the Branch Clinic—improving ancillary service support and increasing access. Aero-medical Advisor to the Commanding Officers of Marine Aircraft Group (MAG) 26, MAG 29, MCAS, and Naval Hospital Camp LeJeune. Led 18 officers, 64 enlisted, and 6 civilians—including both civil service and contract personnel.

- 1993-1995 Senior Medical Officer, USS JOHN F. KENNEDY (CV 67), Philadelphia, Pennsylvania. Managed the Ship's 65-bed hospital and \$6.4 Million in medical equipment and supplies. Coordinated routine inspections of the ship's messing, food service, berthing, brig, and workspaces to ensure the maintenance of sanitary conditions. Coordinated over 20 occupational health surveillance programs. Completed a 2595 man-hour, \$650,000 renovation of all medical spaces two months ahead of schedule and \$25,000 under budget. Conducted aviation physical and psychological examinations to determine the fitness of designated personnel for duty involving flight. Led 5 officers and 40 enlisted.
- 1991-1993 Group Medical Officer, Marine Aircraft Group 31, Marine Corps Air Station, Beaufort, South Carolina. Responsible for the organization and management of all medical support provided to Second Marine Aircraft Wing units at MCAS Beaufort. Conducted aviation physical and psychological examinations to determine the fitness of designated personnel for duty involving flight. Aeromedical Advisor to the Commanding Officers of MAG 31, MCAS, and Naval Hospital Beaufort. Led 9 officers and 26 enlisted.
- 1990-1991 Flight Surgeon, Marine Fighter/Attack Squadron 333, Sheik Isa Amiri Air Base, Bahrain. While deployed in support of OPERATIONS DESERT SHIELD AND DESERT STORM, built, equipped, staffed, supplied, and managed a flight-line aid station that provided primary care, specialty referral, and preventive medicine support for US Marine Corps and US Air Force personnel. Maintained squadron medical records. Conducted aviation physical and psychological examinations to determine the fitness of designated personnel for duty involving flight. Aeromedical Advisor to the Commanding Officer. Led five enlisted.
- 1989-1990 Flight Surgeon, Marine Fighter/Attack Squadron 122, Marine Corps Air Station, Iwakuni, Japan. Provided primary care and specialty referral for squadron personnel. Maintained squadron medical records. Gathered medical intelligence and developed medical operations plan before deployments. Requested and managed squadron medical equipment and supplies. Provided mission-specific medical training for corpsmen and other squadron personnel. Participated in aircraft accident investigations and aero-medical evacuations. Conducted aviation physical and psychological examinations to determine the fitness of designated personnel for duty involving flight. Aero-medical Advisor to the Commanding Officer. Led two enlisted.
- 1989 Flight Surgeon, Marine Fighter/Attack Squadron 251, Marine Corps Air Station, Beaufort, South Carolina. Provided primary care and specialty referral for squadron personnel. Maintained squadron medical records. Gathered medical intelligence and developed medical operations plan before deployment. Requested and managed squadron medical equipment and supplies. Provided mission-specific medical training for corpsmen and other squadron personnel. Conducted aviation physical and psychological examinations to determine the fitness of designated personnel for duty involving flight. Aero-medical Advisor to the Commanding Officer. Led two enlisted.

- 1988 Commander Landing Force Surgeon, Marine Air Ground Task Force 3-88 and Battalion Surgeon, 1<sup>st</sup> Battalion (-), 4<sup>th</sup> Marine Regiment, on board USS DUBUQUE (LPD 8) at sea. While deployed to the Persian Gulf, organized, equipped, and trained medical personnel in support of OPERATION ERNEST WILL. Participated in an aircraft accident investigation and coordinated aero-medical evacuations. Conducted aviation physical and psychological examinations to determine the fitness of designated personnel throughout the theater of operations for duty involving flight. Led nine enlisted.
- 1987-1989 Flight Surgeon, Marine Light/Attack Helicopter Squadron 267, Marine Corps Air Station Camp Pendleton, California. Provided primary care and specialty referral for squadron personnel. Maintained squadron medical records. Gathered medical intelligence and developed medical operations plan before deployments. Requested and managed squadron medical equipment and supplies. Provided mission-specific medical training for corpsmen and other squadron personnel. Participated in aircraft accident investigations and aero-medical evacuations. Conducted aviation physical and psychological examinations to determine the fitness of designated personnel for duty involving flight. Aero-medical Advisor to the Commanding Officer. Led three enlisted.

#### **Publications (Peer Reviewed)**

Air and Space Interoperability Council, Aerospace Medicine Working Group. Fatigue countermeasures in sustained and continuous operations. Washington, DC: ASIC; 2011; ADV PUB ASMG 6000. Retrieved 18 April 2011 from <https://asic.dtic.mil/ManagementDocuments/CurrentDocuments.htm>

American College of Preventive Medicine. Preventing handgun injury: American College of Preventive Medicine position statement. Am J Prev Med. 2002;23(4):314-316. **Author.**

**Armstrong CR**, Whitlock R. The cost of care: two troublesome cases in health care ethics. Physician Executive. 1998;24(6):32-35.

**Armstrong CR**, Erikson NS. Right axis deviation as a criterion for echocardiographic evaluation of aircrew candidates. Aviat. Space Environ. Med. 1998;69(9):833-836.

**Armstrong CR**, Yeager JK, Vidmar DA. Multiple papulocystic lesions on the trunk. Arch Dermatol. 1995;131(3):341-346.

#### **Publications (Non-Peer Reviewed)**

Belland KM, **Armstrong CR**. Aeromedical factors contributing to a midair collision between two F-14D "Super Tomcats". SUSNFS Newsletter. January 1998:14-17.

**Armstrong CR**, Erikson NS. Selection for flight training: the aeromedical perspective. SUSNFS Newsletter. October 1997:16-17.

**Presentations (Peer Reviewed)**

**Armstrong CR, Erikson NS.** (1997, May). Right Axis Deviation as an Indication for 2-D ECHO in Candidates for Aviation Duty. Paper presented at the 68<sup>th</sup> Annual Scientific Meeting of the Aerospace Medical Association, Chicago, IL.

**Presentations (Non-Peer Reviewed)**

**Armstrong CR, Christen B.** (1997, May). Medical Ethics and Aeromedical Decisions. Panel Discussion presented at the 68<sup>th</sup> Annual Scientific Meeting of the Aerospace Medical Association, Chicago, IL.

**Awards and Military Decorations**

Defense Meritorious Service Medal (two awards)

Meritorious Service Medal (four awards)

Joint Service Commendation Medal

Navy and Marine Corps Commendation Medal (two awards)

Navy and Marine Corps Achievement Medal

Air Force Achievement Medal

Military Outstanding Volunteer Service Medal

Certificate of Commendation (Department of Defense, Joint Task Force-National Capital Region/Medical)

Listed in Consumers' Research Council of America's *Guide to America's Top Physicians* 2007 Edition

Certificate of Outstanding Recognition (Royal Thai Armed Forces)

American Medical Association Physician's Recognition Award (1986-2003)

Eastern Virginia Medical School Alumni Association Award

**Board Certification**

American Board of Preventive Medicine

Occupational Medicine (2000, 2010)

Aerospace Medicine (1998, 2008, 2018)

**Licenses**

Washington, D.C. (since 2005)

Commonwealth of Virginia (since 1986)

**Certificates**

Federal Aviation Administration Aviation Medical Examiner (since 1994)

US Department of Transportation Medical Review Officer/Substance Abuse Professional (since 2003)

Certified Independent Medical Examiner (since 2017)

United States Navy Master Training Specialist

American College of Surgeons Advanced Trauma Life Support (expires May 2019)

Professional Association of Diving Instructors (PADI) Rescue Diver

**Professional Service**

|  |                           |
|--|---------------------------|
| <u>Metropolitan Washington Council of Governments</u>                                  |                           |
| Health Officials Committee   | 2010-2014                 |
| <u>Washington Headquarters Service</u>   |                           |
| Civilian Employees Occupational Health & Medical Services Committee                    | 2010-2014                 |
| <u>North Atlantic Treaty Organization (NATO)</u>                                       |                           |
| US Representative to Military Standardization Agency Aeromedical Panel                 | 2006-2010                 |
| Head of Delegation   | 2008                      |
| <u>Air and Space Interoperability Council</u>  |                           |
| US Representative to Aerospace Medicine Group  | 2009-2010                 |
| Head of Delegation   | 2010                      |
| <u>Deputy Assistant Secretary of Defense for Force Health Protection and Readiness</u> |                           |
| Joint Aeromedical Policy and Standards Working Group                                   | 2010                      |
| <i>Ad Hoc</i> Member, Joint Preventive Medicine Policy Group                           | 2011-2016                 |
| Hunter-Strickland Deployed Preventive Medicine Award Selection Board                   | 2012                      |
| <u>United States Navy Bureau of Medicine and Surgery</u>                               |                           |
| Professional Case Review Panel   | 2006-2010                 |
| Specialty Leader, Aerospace Medicine   | 2006-2010                 |
| Residency Advisory Committee, Aerospace Medicine Residency, NAMI                       | 2006-2010                 |
| <u>Defense Intelligence Agency</u>   |                           |
| Subject Matter Expert, Deployment Health   | 2005                      |
| <u>American College of Preventive Medicine</u>   |                           |
| Secretary  | 2012-2016                 |
| Board of Regents, Aerospace Medicine Regent  | 2007-2011                 |
| Executive Committee  | 2007-2010,<br>2012-2016   |
| Finance Committee  | 2016-Present              |
| Governance Committee (formerly called Constitution and Bylaws Committee)               | 2012-Present              |
| Chair  | 2012-2016                 |
| Nominations Committee  | 2007, 2009,<br>2010, 2012 |
| Policy Committee   | 1998-2007                 |
| Vice-Chair   | 2002-2007                 |
| Preventive Medicine Leadership Society (formerly called President's Society)           | 2000-Present              |
| Peer Reviewer, <i>American Journal of Preventive Medicine</i>                          | 2007                      |
| <i>Preventive Medicine 2007</i> (annual meeting) Policy Track Planning Committee Chair | 2006-2007                 |

## Program Committee

2001

Aerospace Medical Association

Council (governing body)

2007-2011

Scientific Program Committee

2008-Present

Peer Reviewer, *Aviation, Space, and Environmental Medicine*

1999-2000

Registration Committee

1997-1998

Society of US Naval Flight SurgeonsAssociate Editor, *The SUSNFS Newsletter* (now called *Contact*)

1997-1998

**University/Hospital Service**Uniformed Services University of the Health Sciences

Interviewer, Admissions Committee

2004-2006

Institutional Review Board

2005-2006

*Ad Hoc* Member, Student Promotions Committee

2005-2010

Naval Hospital Cherry Point

Board of Directors

2001-2004

Performance Improvement Physician Advisor

2001-2003

Executive Committee of the Medical Staff

2001-2004

Personnel Management Board

2001-2004

Medical Board Convening Authority

2001-2004

Disaster Preparedness Committee

2001-2004

Equipment Procurement Review Committee

2001-2004

Bio-Medical Ethics Committee

2001-2004

Space Utilization Committee

2001-2004

Naval Hospital Camp LeJeune

Executive Committee of the Medical Staff

1999-2001

Naval Operational Medical Institute

Aeromedical Advisory Council

1996-1998

Special Board of Flight Surgeons

1996-1998

Hyperbaric Medicine Committee

1996-1998

**Community Service**St. Thomas' Parish DuPont Circle

Eucharistic Minister

2006-2009

Lay Reader

2006-2009

Chairman, Executive Committee

2006-2009

Whitman-Walker Health

Volunteer Physician

2005-2017



Habitat for Humanity of Greater New Bern  
Board of Directors 2002-2004

Pier Pointe Phase IV Property Owners' Association  
President, Board of Directors 1998-2004

Williamsburg Lodge No. 6, A.F. & A.M  
Member (Life Member, 2006) 1981-Present

**Professional Societies**

- American Association of Medical Review Officers
- American Medical Association
- American Public Health Association (2000-2009)
- American College of Preventive Medicine (Fellow, 2002)
- American Society of Aerospace Medicine Specialists (Founding Member, 1998)
- American College of Physician Executives (1994-2009)
- Aerospace Medical Association (Life Member, 1999; Associate Fellow, 1997; Fellow, 2011)
- Society of US Naval Flight Surgeons (Life Member, 1989)
- Society for the History of Navy Medicine