



# Biography

## Defense Health Agency (DHA)

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**SCOTT F. WALTER, PHD, PE**

### Science & Technology – Technology Transfer & Transition (T3)

Dr Scott F. Walter is Director of Technology for the 59th Medical Wing, Science and Technology office, responsible for transitioning and transferring Wing's clinical and translational research into the commercial market, fielded capabilities, and major medical modernization programs. Ensures capture of intellectual property and associated royalties, establishment of agreements with extramural collaborators to best leverage combined capabilities, and driving product transition, commercialization, fielding, and optimization to address critical operational and clinical mission gaps. He has over 34 years of experience in the Department of Defense (DoD) developing and leading highly effective, award-winning teams, creating new enhanced processes, and creatively solving problems. He has 18 years' experience with conducting DoD research and development project/program management with 6 years working joint-service medical research, development, and acquisition at Fort Detrick, Maryland.



Dr. Walter earned a Bachelor of Science degree in Electrical Engineering in 1986 from the University of South Florida, a Master of Science degree in Public Health (Industrial Hygiene) in 2001, and a PhD in Business Administration (in Project Management) in 2018. He is a member of the Delta Mu Delta honor society (Business Administration) and Phi Kappa Phi honor society (Public Health).

Dr. Walter retired from active duty as a Lieutenant Colonel in the United States in September 2014 after 25 years of active-duty service. He is a licensed Professional Engineer (PE) with the state of Florida.

### **EDUCATION:**

1986 Bachelor of Science degree in Electrical Engineering, University of South Florida, FL  
1995 Squadron Officer School, Maxwell Air Force Base, AL  
2001 Master of Science degree, Public Health (Industrial Hygiene), University of South Florida, FL  
2002 Air Command and Staff College (by seminar), Maxwell Air Force Base, AL  
2007 Air War College (by correspondence), Maxwell Air Force Base, AL  
2013 Level III DAU Acquisition Certification in Systems Planning, Research, Development & Engineering  
2013 Level II Acquisition Certification in Program Management  
2018 Doctor of Philosophy, Business Administration (Project Management), Northcentral University, AZ

### **MAJOR DOD AWARDS AND DECORATIONS:**

DoD Meritorious Service Medal (2004, 2008, 2008, and 2012)  
Air Force Commendation Medal (1993, 1995, 1999)  
Army Commendation Medal (2014)  
Navy Commendation Medal (2014)

(Current as of April 2023)

Air Force Achievement Medal  
Air Force Outstanding Unit Award with 2 Oak Leaf Clusters  
Air Force Organizational Excellence Award with 1 Oak Leaf Cluster  
Air Force Recognition Ribbon  
Afghanistan Campaign Medal with 1 service star  
National Defense Service Medal with 1 service star  
Global War on Terrorism Service Medal  
Air Force Expeditionary Service Ribbon with Gold Border

## **OTHER ACHIEVEMENTS**

- Led technology transfer team recognized by AF/T3 2022 Certificate of Achievement for Air Force Excellence in Technology Transfer & Transition (T3)
- Led 59 MDW Office of Research and Technology Applications (ORTA) team recognized by Federal Laboratory Consortium (FLC) as the 2019 and 2021 recipient of the annual regional partnership award
- Medical Modernization Team selected as AFSOC's 2011 Chief of Staff Team Excellence Award
- Outstanding Graduate of the 2007 Air War College Distance Learning Program
- AMC's 2006 & 2008 Bioenvironmental Engineering Field Grade Officer of the Year
- Led the USAF's Bioenvironmental Engineering (BEE) team of the year for 2005 & 2006, #1 of 83 Air Force installations worldwide in consecutive years
- USAF's Military Scientist of the Year (2002) for creation of new hydro-based blast mitigation technologies and development of ballistic protective materials
- AFRL's 2001 Lance Sinjin leadership awardee & Bioenvironmental Engineer (BEE) of the year
- Research recognized for outstanding presentation during USF's 2001 Health Sciences Center (HSC) annual research day--1 of 7 selected for award out of 150 entries
- Selected as 347th Medical Group's Company Grade Officer of the year (1998)
- Awarded 347th Wing Outstanding Environmental Leadership Award (1998)

## **PUBLICATIONS:**

- Authored "Augmenting the Adaptive Acquisition Framework With a Commercial Development Pathway" pending publication in Defense Acquisition, Technology, & Logistics May – Jun 2023 edition
- Authored "Rapidly Modernizing Medical Capabilities Via The Middle Tier of Acquisition" published in Defense Acquisition, Technology, and Logistics (AT&L), Jan - Feb 2021 edition
- Authored "Integrating Empowerment into Project Management to Enable Effective Delegation of Decision-Making Authority to Project Managers and Teams" dissertation manuscript (2018)
- Co-authored "Bridging the Technology Valley of Death in Joint Medical Development" published November 2015 in Defense AT&L magazine
- Co-authored SBIR topic "Complex Crystalloid Resuscitative Fluid", guided initiative that awarded one \$150K phase I award and one \$1M phase II award to develop all-purpose life-saving treatment fluid
- Co-authored SBIR topic "Creating Sterile Water for Injection (SWFI) at/near Point of Injury (POI)"; guided development efforts from 3 different \$150K phase I awards, 2 different \$1M phase II awards
- Authored SBIR topic "Rapid Indicator of Potential for Weight Gain/Loss & Trending" to develop a commercial; off the shelf test for assessing an individual's biochemical modality for weight loss or gain potential before weight changes are observed.
- Authored SBIR topic "Improved Coupling Factor of Personal Cooling Systems" to develop a safe and effective novel method for increasing the efficiency and effectiveness of thermal exchange between skin surfaces and cool or cold surfaces using safe methods. Four Phase I and one Phase II contracts
- Unpublished innovative research at AFRL on utilization of superabsorbent polymers for blast suppression of Improvised Explosive Devices (2004)
- Authored "Utilization Of Commercial Smoke Detection Technologies for Monitoring Carbon Monoxide Exposures to Wildland Firefighters" master's thesis (2001)

(Current as of April 2023)