



BIOGRAPHY



UNITED STATES AIR FORCE

ALETHEA DUHON, Ph.D.

Dr. Alethea Duhon is dual-hatted as the Chief Technology Officer (CTO) to the Department of the Air Force's Chief Modeling and Simulation Officer (CMSO) and Technical Director of the Air Force Agency for Modeling and Simulation (AFAMS). As the CTO, she serves as the Department of the Air Force key scientific authority in the Modeling and Simulation (M&S) field of endeavor. As the AFAMS TD, she is responsible for the planning, direction, management, coordination, reporting, and evaluation of all technical aspects of AFAMS' mission and programs.

Prior to this assignment, Dr. Duhon was the Senior Technical Advisor in the Office of the Under Secretary of Defense (OUSD) Policy, Defense Technology Security Administration (DTSA). In this role, she provided technical insight, advice and analysis on international transfers of defense-related items and other matters of national security interest.

Preceding that assignment, she was an Acquisition Program Manager at the Assistant Secretary of the Air Force (Acquisition), Space Programs, Budget, Congressional and Program Integration Division. She also served as the Chief, Intelligence, Surveillance, and Reconnaissance (ISR) and Special Operations Forces (SOF) Programs, and Air Force Scientific Test and Analysis Techniques (STAT) Lead for the Headquarters United States Air Force, Directorate of Test and Evaluation and was instrumental in establishing the STAT Center of Excellence. She has held previous flight test and flight dynamics positions at Air Force Test Center, Edwards AFB, CA, Northrop Grumman Corporation, Palmdale, CA and Parker Hannifin (Aerospace), Irvine, CA.



EDUCATION

2003 Bachelor of Science degree in Aeronautical & Astronautical Engineering, minor in Mathematics, Purdue University, West Lafayette, IN

2008 Master of Science degree in Aeronautical & Astronautical Engineering, Purdue University, West Lafayette, IN

2012 Air Command and Staff College, by seminar

2015 Doctor of Philosophy in Systems Engineering, The George Washington University, Washington D.C.

2017 Seminar XXI: Foreign Politics, International Relations, and the National Interest Fellowship, Massachusetts Institute of Technology, Cambridge, MA

(Current as of July 2020)

ASSIGNMENTS

1. Feb 2005 – Jan 2007, Product Engineer, Parker Hannifin Corporation, Irvine, CA
2. May 2007 – Jul 2009, Flight Test Engineer, Northrop Grumman Corporation, Palmdale, CA
3. Sep 2009 – Nov 2010, Performance and Flying Qualities Engineer, Air Force Flight Test Center, Edwards AFB, CA
4. Nov 2010 – Aug 2013, Chief, ISR and SOF Programs, and Air Force STAT Lead, Headquarters United States Air Force, Directorate of Test and Evaluation, Pentagon, Washington D.C.
5. Aug 2013 – Jan 2014, Program Analyst, Secretary of the Air Force, Office of Public Affairs, Pentagon, Washington D.C.
6. Jan 2014 – June 2014, Acquisition Program Manager, Assistant Secretary of the Air Force (Acquisition), Directorate of Space Programs, Budget, Congressional and Program Integration Division, Pentagon, Washington D.C.
7. June 2014 – February 2019, Senior Aerospace Engineer in the Office of the Under Secretary of Defense (OUSD) Policy, Defense Technology Security Administration (DTSA), Technology Directorate, Alexandria, Virginia
8. February 2019 – Present, dual-hatted, Technical Director, Air Force Agency for Modeling and Simulation, Chief Technology Officer, Department of the Air Force's Chief Modeling and Simulation Officer, Orlando, FL

MAJOR AWARDS AND DECORATIONS

Office of the Secretary of Defense Exceptional Civilian Service Medal
Air Force Meritorious Civilian Medal

PROFESSIONAL CERTIFICATIONS

Test and Evaluation, Level III
Engineering, Level II
Program Management, Level I