



# BIOGRAPHY

## *UNITED STATES AIR FORCE*

### **DR. STACIE WILLIAMS**

Dr. Stacie Williams manages the USAF's basic research investment in remote sensing with applications to space situational awareness (SSA) at the Air Force Office of Scientific Research (AFOSR). Her portfolio includes electro-optical imaging, astrodynamics, tracking, and atmospheric effects on beam control. Before her selection to the AFOSR staff in 2016, Dr. Williams managed all of the Air Force Maui and Optical Supercomputing site's research and development programs and subsequent technology transition to the SSA operational community as the Technical Advisor for the site. Dr. Williams transitioned multiple basic research programs to the Air Force's space mission vastly improving the effectiveness of electro-optical telescopes. Dr. Williams is featured in a recent film called "Maui in Space" that highlights the SSA and astronomy efforts conducted on Maui. Dr. Williams is also a leader in STEM education and is nationally recognized for her innovative approach to engaging children in the Air Force's science mission. She has over 50 peer reviewed technical journal publications and conference proceedings.



### **EDUCATION**

1988 Bachelor of Science, Chemistry University of Arkansas, Little Rock, Ark.

1994 Doctorate of Philosophy, Physical Chemistry University of California, Santa Cruz, Calif.

### **CAREER CHRONOLOGY**

1. 1994 - 1996 Postdoctoral Research Associate, LANL, Los Alamos, N.M.
2. 1996 - 1998 Research Faculty, Photonics Center, Boston University, Boston, Mass.
3. 1998 - 2004 Secondary Science Educator, Department of Education, Boston, Mass.
4. 2004 - 2010 Faculty, DECA, University of Dayton, Dayton, Ohio
5. 2011 - 2014 Program Manager, Directed Energy Directorate, AFRL, KAFB, N.M.
6. 2014 - 2016 Technical Advisor, Directed Energy Directorate, AFRL, KAFB, N.M.
7. 2016 - present Program Officer, Remote Sensing Portfolio, Air Force Office of Scientific Research, Arlington, Va.

### **PROFESSIONAL MEMBERSHIPS AND ASSOCIATIONS**

Co-chairman of the SSA Conference, 2015 to current

Board Member, Applied Business and Information Technology, University of Hawaii, 2012 to current

Partner, Maui Technology Affiliates Group, 2010 to current

Partner, Women in Technology, Building Tomorrow's STEM Workforce, 2010 to current

Partner, AFRL Minority Leaders Program, 2008 to 2013

Member, American Association for the Advancement of Science, 2008 to current