



## **UNITED STATES AIR FORCE**

### **JAIME A. STEARNS**

Dr. Jaime Stearns is the Air Force Research Laboratory Space Vehicles Directorate Space Control Mission Lead. She coordinates the Directorate's research and development activities in Space Situational Awareness and Command & Control in support of defensive space operations.

Dr. Stearns joined the Space Vehicles Directorate of the AFRL as a National Research Council post-doctoral fellow. She became a civil servant a year later, founding and leading an AFOSR-funded research program using laser spectroscopy to explore new concepts for space propulsion and Space Situational Awareness.

She has authored or co-authored 24 peer-reviewed publications and holds an Associated Faculty position in the Department of Chemistry and Chemical Biology at the University of New Mexico.



### **EDUCATION**

2000 Bachelor of Arts degree in Chemistry, Northwestern University, Evanston, IL.

2005 Doctor of Philosophy degree in Chemistry, Purdue University, West Lafayette, IN.

### **CAREER CHRONOLOGY**

1. Nov 2008 – Nov 2009, National Research Associate, AFRL Space Vehicles Directorate, Hanscom AFB, MA.
2. Nov 2009 – May 2011, Research Chemist, AFRL Space Vehicles Directorate, Hanscom AFB, MA.
3. May 2011 – Nov 2016, Principal Investigator for Laser Spectroscopy and Reactivity Laboratory, AFRL Space Vehicles Directorate, Kirtland AFB, NM.
4. Jan 2016 – May 2016, AFRL Liaison to the Joint Space Operations Center, Vandenberg AFB, CA.
5. Nov 2016 – Sep 2018, AFRL Deputy Capability Lead for Space Superiority, AFRL Space Vehicles Directorate, Kirtland AFB, NM.
6. Sep 2018 – present; Space Control Mission Lead, AFRL Space Vehicles Directorate, Kirtland AFB, NM.