



# BIOGRAPHY



UNITED STATES AIR FORCE

## RUTH MOSER

Ruth Moser, a member of the Senior Executive Service, is the Director of the Sensors Directorate, Air Force Research Laboratory, Wright-Patterson Air Force Base, Ohio. The directorate ensures America's air, space, and cyber forces have superior Air Force intelligence, surveillance, reconnaissance, precision engagement, and electronic warfare systems capabilities by developing, demonstrating and transitioning advanced sensors and sensing technologies. The directorate's primary areas of technology investment include radio frequency sensing; net-centric spectrum warfare; electro-optical sensors and countermeasures; automatic target recognition; performance based sensing; and electronic devices. Ms. Moser oversees an annual budget of more than \$600 million, and directs the activities of approximately 1,300 scientists, engineers, and support.



Ms. Moser is from North Logan, Utah, and began her career supporting the Air Force as a Member of the Technical Staff at the Aerospace Corporation where she provided technical support to the Air Force Research Laboratory in Albuquerque, New Mexico. She then joined the civil service as an Aerospace Engineer at the Air Force Research Laboratory's Space Vehicles Directorate, Kirtland AFB, New Mexico. Here, she served in a variety of engineering, technical, and leadership positions within the Air Force Research Laboratory, leading the research, development and transition of various advanced space, optical systems, command and control, and communications technologies to Department of Defense systems. Ms. Moser then transferred to the Office of the Secretary of Defense where she served as a Senior Program Analyst providing oversight of the Department of Defense space control and space situational awareness programs and activities. Prior to her current assignment, she was the Director of Cyber and Space Programs in the Office of the Secretary of Defense (OUSD(AT&L)). There, she was responsible for the oversight of all the Department of Defense cyberspace programs and most of the nation's military space; positioning, navigation and timing; navigation warfare; and meteorology and oceanography programs and activities. She was appointed to the Senior Executive Service in August 2012.

### EDUCATION

1996 Bachelor of Science in Mechanical Engineering, Utah State University  
1999 Master of Science in Mechanical Engineering, Utah State University

### CAREER CHRONOLOGY

1. June 1995 – August 1995, NASA Academy Research Associate, NASA Marshall Space Flight Center, Huntsville, Ala.
2. June 1997 – September 1997, Associate Member of the Technical Staff, The Aerospace Corporation, Albuquerque, N.M.
3. January 1998 – June 1998, Instructor, Department of Mechanical and Aerospace Engineering, Utah State University, Logan, Utah
4. July 1998 – May 2001, Member of the Technical Staff, The Aerospace Corporation, Albuquerque, N.M.
5. May 2001 – December 2006, Senior Aerospace Engineer and Program Manager, AFRL, Kirtland AFB, N.M.
6. December 2006 – July 2008, Rapid Reaction Team Lead, AFRL, Kirtland AFB, N.M.
7. July 2008 – August 2010, Program Analyst, Office of the Assistant Secretary of Defense (Networks and Information

Integration), the Pentagon, Washington, D.C.

8. August 2010 - February 2012, Program Analyst/Director (Acting), Space Programs and Policy, Office of the Assistant Secretary of Defense (Networks and Information Integration), the Pentagon, Washington, D.C.

9. February 2012 – August 2012, Program Analyst/Director (acting), Space Programs and Policy, Office of the Under Secretary of Defense (Acquisition, Technology, and Logistics), the Pentagon, Washington, D.C.

10. August 2012 – October 2014, Director, Cyber and Space Programs, Office of the Under Secretary of Defense (Acquisition, Technology, and Logistics), the Pentagon, Washington, D.C.

11. October 2014 – present, Director, Sensors, AFRL, Wright-Patterson AFB, Ohio

#### **AWARDS AND HONORS**

Graduate Fellowship Award, Rocky Mountain NASA Space Grant Consortium

Outstanding Graduate Student Award, Mechanical and Aerospace Engineering Department, Utah State University

Team of the Quarter, Space Vehicles Directorate, Air Force Research Laboratory

Team of the Year, Space Vehicles Directorate, Air Force Research Laboratory

Special Act or Service Award, Space Vehicles Directorate, Air Force Research Laboratory

Distinguished Alumni Award, College of Engineering, Utah State University

Special Act or Service Award, Office of the Assistant Secretary of Defense (Networks and Information Integration)

#### **PROFESSIONAL MEMBERSHIPS AND ASSOCIATIONS**

American Institute of Aeronautics and Astronautics

American Society of Mechanical Engineers

Phi Kappa Phi

Tau Beta Pi

#### **PROFESSIONAL CERTIFICATIONS**

Program Management, Level I

Systems Planning, Research, Development, and Engineering, Level III

(Current as of November 2014)