



BIOGRAPHY



UNITED STATES AIR FORCE

Air Force Research Laboratory
Information Directorate (AFRL/RI)
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DR. SARAH L. MUCCIO

Dr. Sarah L. Muccio is the Deputy for DAF Technical Advisor for C4I & Cyber for the Air Force Research Laboratory, Information Directorate, Rome, NY.

In the field of information assurance, Dr. Muccio works with scientists to mathematically model systems and analyze information. She conducts research on the science of mission assurance, emerging technologies and maps mission essential functions to their cyber assets. Dr. Muccio provides a catalyst for innovation by representing AFRL in the larger community both domestically as well as internationally to ensure the partnerships are cultivated for transition and innovation. She previously provided vision and direction to the AFRL/RI portfolio as the Acting Chief Scientist of the Information Directorate. Dr. Muccio enjoys educating future cyber leaders and was the 2012- 2017 Advanced Course in Engineering (ACE) Internship Director.



EDUCATION

2003 Bachelor of Science in Mathematics, Summa Cum Laude, Youngstown State University
2006 Master of Science in Applied Mathematics, North Carolina State University
2007 Doctor of Philosophy in Applied Mathematics, North Carolina State University
2011 National Reconnaissance Operations Center Systems Knowledge Course, Rome, NY

CAREER CHRONOLOGY

1. 2007-2009, Associate Mathematician, Cyber Defense Branch, AFRL/RIGA
2. 2009- 2018, Mathematician, Cyber Science Branch, AFRL/RIGA
3. 2018-2021 Senior Mathematician, Cyber Assurance Branch, AFRL/RIGA
4. 2021-2023 Cyber S&T CTC Lead, Information Exploitation & Operations Division, AFRL/RIG
5. 2009-Present, Adjunct Faculty Member, Syracuse University
6. Jan 22-May 22, Acting Chief Scientist, AFRL Information Directorate AFRL/RI
7. 2022-Present, Deputy for USAF Technical Advisor for C4I & Cyber

AWARDS AND HONORS

1999-2003 University Scholar at Youngstown State University, (YSU)
2003 COMAP Mathematical Modeling Competition Outstanding Winner and MAA Prize recipient
2003 Research Fellow, Statistical and Applied Mathematical Sciences Institute, (SAMSI)
2009 Finalist AFRL Commander's Cup (Team) Award
2009-2020 Notable Achievement Awards
2019 General Mark A. Welsh III One Air Force Team Award

(Current as of Oct 2023)