



LIEUTENANT COLONEL NIKI G. FOWLER

Lt Col Niki G. Fowler is the Military Deputy of Science and Technology Policy Innovation, Science and Technology (S&T) Management Division, Office of the Deputy Assistant Secretary of the Air Force for Technology, Engineering, Maturation, and Logistics, Pentagon, Washington, District of Columbia. In this role, Lt Col Niki G. Fowler provides senior leadership and direct support to the S&T Division Chief overseeing \$3.5B in annual Department of the Air Force (DAF) science and technology investments, shaping the Programming, Planning, Budgeting, and Execution processes for the Air Force Research Laboratory. She guides strategy and priorities across a 26-member team managing 24 technology program elements spanning basic research, applied research, and advanced technology development, ensuring alignment with DAF modernization objectives to accelerate technology transition and sustain the Air Force's technological advantage.

Lt Col Niki G. Fowler entered the Air Force in May 2008 after graduating from the United States Air Force Academy and has since held technical, engineering, and acquisition leadership roles spanning space launch operations, satellite communications, recruiting and training, and major defense acquisition portfolios. Notably, she became the youngest on-console Day of Launch Flight Commander at the time for the \$16B Atlas V spacelift program, leading a 60-member technical team in delivering "go/no-go" recommendations to the Launch Decision Authority for 11 successful rocket launches carrying multi-billion-dollar payloads. She later served as a Project Engineer for the \$10B Advanced Extremely High Frequency satellite program, leading a 10-member team to verify 400+ system requirements across 11 facilities and approving test plans for 1,800 contractor personnel. She also served as the Fill-in Executive Officer for the Military Satellite Communications Directorate, the largest directorate in Air Force Space Command, supporting more than 1,000 personnel across four CONUS-wide locations. Lt Col Niki G. Fowler additionally held roles as Recruiting Flight Commander and Assistant Adjunct Professor of Aerospace Studies at the University of California, Los Angeles, managing ROTC recruiting operations and teaching courses on the foundations of the USAF. Prior to her current position, she was Deputy Director of Engineering for F-35/F-22/F-16, Defense Contract Management Agency, Fort Worth, Texas.

In acquisition leadership roles, Lt Col Niki G. Fowler directed all engineering and analysis functions for the \$396B F-35, F-22, and F-16 portfolios spanning 2,387 contracts and 1,900 global suppliers. She led a 65-member team providing acquisition oversight for more than 200 aircraft produced annually, supporting the Army, Navy, Air Force, and 30 allied and partner nations. Her team delivered supply chain and sustainment improvements, enforced contractor compliance with cost, schedule, and performance requirements, and provided actionable acquisition insight to the Department of Defense, the Office of the Secretary of Defense, and Congressional committees to inform strategic decisions.

EDUCATION

2008 Bachelor of Science, Systems Engineering-Astronautical Engineering, United States Air Force Academy, Colorado Springs, Colorado

2008 Air and Space Basic Course, Maxwell Air Force Base (AFB), Montgomery, Alabama

2008 Fundamentals of Acquisition Management Course, Wright-Patterson AFB, Dayton, Ohio

2009 Undergraduate Space Training, Vandenberg AFB, Lompoc, California

2010 Systems Planning, Research, Development and Engineering Certification Level I, Defense Acquisition University, by correspondence

2011 Squadron Officer School, in-correspondence, Maxwell AFB, Montgomery, Alabama

2011 Master of Business Administration, University of Central Florida, Orlando, Florida

2012 Systems Planning, Research, Development and Engineering Certification Level II, Defense Acquisition University, by correspondence

2012 Squadron Officer School, Air University, by correspondence

2010 Program Management Certification Level I, Defense Acquisition University, by correspondence

2013 Squadron Officer School, in-residence, Maxwell AFB, Montgomery, Alabama

2018 Doctor of Business Administration, University of Dallas, Irving, Texas





BIOGRAPHY



UNITED STATES AIR FORCE

2020 Air Command and Staff College, Air University, by correspondence
2023 Leadership Today and Tomorrow, Robins AFB, Warner Robins, Georgia
TBD Air War College, Air University, by correspondence

ASSIGNMENTS

1. May 2008 – August 2011, Atlas V Electrical Engineer, 5th Space Launch Squadron, 45th Launch Group, 45th Space Wing, Patrick AFB, Cocoa Beach, Florida
2. August 2011 – April 2013, Project Engineer, Wideband SATCOM, Command and Control-Consolidated Branch, Military Satellite Communications Directorate, Space and Missile Systems Center, Los Angeles AFB, El Segundo, California
3. April 2013 – September 2013, Project Engineer, Wideband SATCOM, System Engineering Branch, Protected Satellite Communications Division, Military Satellite Communications Directorate, Space and Missile Systems Center, Los Angeles AFB, El Segundo, California
4. September 2013 – September 2014, Recruiting Flight Commander, Air Force Reserve Officer Training Corps Detachment 055, University of California Los Angeles, Los Angeles, California
5. October 2014 – November 2015, Inactive Readiness Reserves, Buckley AFB, Aurora, Colorado
6. December 2015 – December 2019, Acquisitions Manager of F-35, F-22, and F-16, Engineering Management Branch, Lockheed Martin–Fort Worth Contracting Management Office, Central Region, Defense Contract Management Agency, Fort Worth, Texas
7. December 2019 – March 2023, IMA Deputy Director of Engineering of F-35, F-22, and F-16, Lockheed Martin–Fort Worth Contracting Management Office, Central Region, Defense Contract Management Agency, Fort Worth, Texas
8. March 2023 – September 2024, Deputy Director of Engineering of F-35, F-22, and F-16, Lockheed Martin–Fort Worth Contracting Management Office, Central Region, Defense Contract Management Agency, Fort Worth, Texas
9. October 2024 – May 2025, Deputy Division Chief, Science and Technology Management Division, Office of the Deputy Assistant Secretary (Science, Technology & Engineering), Pentagon, Washington, District of Columbia
10. June 2025 – Present, Military Deputy of Science and Technology Policy Innovation, Science and Technology Management Division, Office of the Deputy Assistant Secretary (Science, Technology, Maturation & Logistics), Pentagon, Washington, District of Columbia

MAJOR AWARDS AND DECORATIONS

Defense Meritorious Service Medal with oak leaf cluster
Joint Service Commendation Medal
Air and Space Commendation Medal with oak leaf cluster
Air and Space Outstanding Unit Award with oak leaf cluster
Air and Space Organizational Excellence Award with oak leaf cluster
National Defense Service Medal
Global War on Terrorism Service Medal
AF Longevity Service Ribbon with four oak leaf cluster
Air and Space Training Ribbon

OTHER ACHIEVEMENTS

2009 Squadron Company Grade Officer (CGO) of the 4th Quarter
2010 Squadron Volunteer of the Year
2010 Squadron Team of the 2nd Quarter
2010 Space Coast New Woman Engineer of the Year
2011 Schriever Trophy
2012 Division Junior Company Grade Officer of the Year
2012 Division Junior CGO of the 1st Quarter





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UNITED STATES AIR FORCE

2012 SMC Team of the 1st Quarter
2018 Central Region Reserve CGO of the 2nd Quarter
2020 Central Region Reserve Field Grade Officer (FGO) of the Year
2020 Central Region Reserve FGO of the 1st Quarter
2020 Regional Nominee for Outstanding Individual Reservist (IR) of the Year
2022 Central Region Reserve FGO of the Year
2023 Contract Management Office Nominee for Outstanding IR of the Year

PUBLICATIONS

"Lack of Engineers and Scientists Threaten the United States' National Security & Future Economic Prosperity," Journal of Information Systems Technology and Planning, Intellectbase International Consortium Conference, April 2013
"Sustainability and Scorecards: Creating Meaning at Work," 76th Annual Meeting of the Academy of Management, August 2016
"The Mediating Effects of Socially Responsible Practices in a Sustainable Supply Chain: The Impact on the Relationship Between Social Pressures and Firm Performance," The University of Dallas, Doctoral Dissertation, 2018
"A Test of Socially Responsible Supply Chain Practices," 51st Annual Conference of the Decision Sciences Institute, November 2020

PROFESSIONAL MEMBERSHIPS AND ASSOCIATIONS

Permanent member, Phi Kappa Phi Honor Society
Permanent member, Sigma Iota Epsilon Honor and Professional Society
Permanent member, Beta Gamma Honor & Professional Society

EFFECTIVE DATES OF PROMOTION

Second Lieutenant May 28, 2008
First Lieutenant May 28, 2010
Captain May 28, 2012
Major July 1, 2018
Lieutenant Colonel December 19, 2023

(Current as of September 2025)

