

## Dr. Niki G. Fowler

Technology Innovator • Mentor Health Mentor • Aviation Portfolio Principal • Senior Military Leader  
Founder of CognitV Solutions and Corevation | Creator of MENDmate™ and PostAgent™

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### PROFESSIONAL SUMMARY

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Dr. Niki Fowler is an entrepreneur, technology leader, and mental-health mentor with 18+ years of experience across federal aviation, defense, and emerging technologies. She serves as a Manager at the Federal Aviation Administration overseeing a portfolio of aviation programs and is an officer in the U.S. Air Force Reserve. She is also the founder Corevation, a technology venture building AI-integrated products including PostAgent™ and MENDmate™. Through partnerships with universities and entrepreneurial organizations such as TCU and SCORE, she mentors the next generation of founders and leaders. Her work in mental wellness is grounded in lived experience—after overcoming panic disorder and agoraphobia. She now helps others navigate anxiety through education, structure, and compassionate guidance.

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### EDUCATIONAL BACKGROUND

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2024-present	Air War College	Arizona State Univ.
2019-2020	Air Command & Staff College	Air University
2014-2018	D.B.A., Business Administration	University of Dallas
2013-2013	Squadron Officer School, in-residence	Air University
2012-2012	Squadron Officer School, in-correspondence	Air University
2009-2011	M.A., Business Administration	Univ. of Central Florida
2004-2008	B.S., Systems Engineering	U.S. Air Force Academy

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### PROFESSIONAL EXPERIENCE

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#### Corevation, LLC Founder

July 2025-present

Fort Worth, TX

Though Corevation, LLC was formally established in 2025, work on its flagship products, MENDmate™ and PostAgent™, began in June 2024. Founded by two serial entrepreneurs, including Dr. Fowler, the company develops intelligent, AI-driven solutions to solve real-world problems—beginning with MENDmate™ for mental health therapy adherence and PostAgent™ for social media automation. Corevation partners with Texas Christian University to develop innovative technologies.

- Leads overall business strategy, product vision, and operational execution.
- Manages all business, technical, and clinical decision-making to align products with market needs and long-term growth goals.
- Establishes and manages strategic partnerships, including collaboration with Texas Christian University (TCU) to mentor student full-stack developer and marketing teams.
- Directs TCU student development teams to develop AI-powered technologies.

**USAFR Military Deputy of SAF/AQRT**      *Aug 2024-present*      *Pentagon, VA*

Executes the priorities of the Science and Technology Management Division within the Directorate for Science, Technology, and Engineering, under the Office of the Assistant Secretary of the Air Force (Acquisition, Technology, & Logistics), and assumes the Chief's responsibilities as needed.

- Directs planning and execution of division programs, supervising multi-disciplinary teams to meet mission-critical goals and drive innovation of military cutting-edge technologies.
- Serves as a key liaison with senior Air Force leadership and external stakeholders, facilitating collaborative efforts to optimize research outcomes and technology transition & integration.
- Ensures efficient allocation of resources to support future technology development.
- Develops and implements policies to streamline operations and enhance program effectiveness, contributing to long-term strategic goals for the Air Force Technology portfolio.
- Provides mentorship and guidance to team members, fostering a culture of excellence, collaboration, and continuous improvement within the division and directorate.

**FAA Manager**      *Oct 2023-present*      *Fort Worth, TX*

Directs the Project Management Section of the Program Integration Branch of the Aircraft Certification Service (AIR) that manage a variety of technical and specialized programs

- Authors strategy documents, white papers, and briefings for AIR leadership, Aviation Safety (AVS) Executives, and Congress to communicate and facilitate programs progress.
- Leads cross-organization programs to meet AIR, AVS, FAA, and Congressional objectives.
- Effectively manages Section resources, activities, and stakeholders to meet AIR priorities.
- Co-Secretariat of the Aircraft Stewardship Community of Practice, a premier group of 90 data and technical experts spanning 15 FAA organizations that manage and govern Enterprise Data Architecture (EDA) development and improvement in the aircraft data subject for the FAA.
- Plans and communicates the organization's vision and objectives, sets priorities, assigns tasks/responsibilities, evaluates performance, and executes personnel and/or disciplinary actions.

**USAFR Deputy Director of Engineering**      *Dec 2019-Oct 2024*      *Fort Worth, TX*

Oversees activities related to engineering, manufacturing, supply chain, and sustainability for the \$351B Acquisition Category 1D F-35 Joint Strike Fighter, F-22 Raptor, and F-16 Fighting Falcon.

- Collaborates across multiple organizations such as the Joint Program Office, prime and sub-contractors, and joint services to deliver value to our cross-service and ally warfighters.
- Supports policy development and implementation of Office of Secretary of Defense (OSD) and Agency policy; provides leadership to cultivate a culture of policy and safety compliance
- Directs oversight activities, corrective actions, and risk assessments of the prime contractor
- Leads the F-35 Supply Chain Task Force to investigate supplier and sub-supplier operations; identifies supply chain risk, and generates recommendations for the Agency Director.
- Guides improvements for contractor-government communication and collaboration efforts.
- Addresses safety issues related to engineering, manufacturing, supply chain, and sustainability; provides reports to the Director, and the Office of the Secretary of Defense.
- Identifies high-risk engineering issues and advises senior leaders on risk-reduction initiatives.
- Advises the Planning Committee Chair and Committee members on the Common Training Assembly, which trains and equips all 120 Agency Reservists in the Agency.

**CognitV Solutions, LLC Founder & CEO**

*June 2022-Dec 2024*

*Fort Worth, TX*

Oversaw all Fundamental Business Transactions of startup activities for CognitV, a healthcare technology company that designs & develops virtual reality experiences for mental health cases.

- Final decision maker of all business aspects of the company—business strategy, raising capital, finances, HR actions, marketing, public relations, product design, development, maintenance.
- Led strategy in securing Federal healthcare and DoD grant funding of up to \$2.2M grant.

**FAA Program Manager**

*Oct 2020-Oct 2023*

*Fort Worth, TX*

Led technical teams in the Systems Analysis Branch to perform data analysis and generate recommendations to reduce risk and inform strategy and policy for the FAA and Congress.

- Conducted continued operational safety activities to include promoting a safety culture, risk assessments, corrective action review boards and provided input for airworthiness directives.
- Identified, planned, and organized resources to meet FAA, AVS, and AIR objectives.
- Responsible for management responsibilities associated with the execution of programs.
- Led 'AIR Health'; monitors organizational health and oversees employees' workload.
- Led cross-functional teams and multi-org partnership to meet Agency directives.
- Authored Systems Analysis Branch policy; implemented training and operational processes.
- Subject Matter Expert in survey design, development, analysis and the use of statistical tools.
- Created custom dashboards & tools used by key leaders to assess risk and support decisions.
- Technical Coach for new hires throughout the Aircraft Certification Service (AIR).
- Authored white papers and reports that influence FAA Executive decisions and policy.

**FAA Aerospace Engineer**

*May 2018-Oct 2020*

*Fort Worth, TX*

Advised, consulted on, and analyzed data in the Systems Analysis Branch to investigate FAA-wide issues; gave recommendations that influenced strategic decisions in the FAA and Congress.

- Directed cross-functional and industry-supported teams to meet Congressional directives.
- Provided recommendations on strategic projects that influence Executive decisions and policy.
- Led data analysis of technical projects that support policy and produces safer skies.
- Subject matter expert in survey design, development, analysis and the use of statistical tools

**USAFR F-35 Acquisitions Manager**

*Dec 2015-Dec 2019*

*Fort Worth, TX*

Oversaw program activities for the vital \$398B Acquisition Category 1D Joint Strike Fighter F-35; Directed contractor and governmental organizations to resolve program issues to reduce program and technical risk

- Led the Director-initiated F-35 Supply Chain Task Force to investigate operations; identified supply chain issues to generate recommendations for the Agency Director.
- Identified Engineering Group issues by means of qualitative/quantitative analysis; identified high risk items & leads risk-reduction initiatives, plans sent to Office of the Sec of Defense
- Advises the Planning Committee Chair and Committee members on the Common Training Assembly, which trains and equips all 120 Agency Reservists in the Agency.

**FAA Aerospace Engineer**

*May 2016-May 2018*

*Fort Worth, TX*

Served as the Flight Controls & Electrical Aerospace Engineer subject matter expert for aircraft certification for fixed-wing, tilt and rotorcraft in the FAA's SW Regional Aircraft Certification Office.

- Supported the Bell Organization Management Team conduct oversight activities for Bell Helicopter products and to certify the first-ever civilian fly-by-wire rotorcraft, Bell 525.
- Protégé-led the certification efforts of the first-ever civilian tiltrotor, Augusta-Westland 609.
- Conducted risk assessments, supported corrective action review boards and Airworthiness Directives; assessed technical documents such as Advisory Circulars and draft Orders.
- Made continued operational safety risk assessments influencing outcomes of Corrective Action Review Boards and produced Airworthiness Directives; supported COS investigations.
- Made risk assessments for Title 14 Code of Federal Regulations certification or airworthiness.

**USAF Recruiting Flight Commander**

*Sep 2013-Sep 2014*

*Los Angeles, CA*

Hand-selected to serve as Assistant Adjunct Professor of Aerospace Studies and recruited cadets for the U.S.A.F. Reserve Officer Training Corps (AFROTC) at the University of California in Los Angeles

- Instructed *The Foundations of the United States Air Force* to both military & civilian students.
- Managed all UCLA ROTC recruiting activities to meet Detachment and AFROTC objectives.

**USAF Integrated Product Team Lead**

*Apr 2013-Sep 2013*

*L.A. Air Force Base, CA*

Provided risk assessment, technical, and programmatic leadership to deliver military protected communications via the \$10B Advanced Extremely High Frequency seven-satellite constellation.

- Led integrated test team to verify 400+ system requirements of \$10B satellite program.
- Proactively addressed safety issues to ensure prudent satellite transportation & processing.
- Staffed documents that affected policy and decision-making through various organizations to include the Program Executive Officer of Space, USAF Space Command HQ and Congress.

**USAF Project Engineer**

*May 2011-Apr 2013*

*L.A. Air Force Base, CA*

Oversaw technical and programmatic activities to enhance and maintain the command and control system of 13 Wideband Global communication satellites to military leaders and the President.

- Fill-in Executive Officer for the Military Satellite Communication Systems Directorate.
- Led and authored technical evaluations to assess contractor proposals in accordance with the Federal Acquisition Regulations (FAR) as well as with published policies and procedures.
- Managed program safety risks by troubleshooting and coordinating issues with contractors, operators, and USAF Space Command HQ throughout design, test, production & operations.

**USAF Flight Commander, Engineer, & Instructor**

*May 2008-May 2011*

*Cape Canaveral, FL*

Directed 60 member Air Force technical team in launch operations of the \$16B Atlas V Rocket program; Focal point for anomaly resolution; Liaison to the Launch Decision Authority (LDA).

- Issued risk assessment via a "Go" or "No-Go" launch recommendation to the LDA.
- Troubleshot and solved issues with contractors through design, test, production & operations.
- Directed technical operations of launch countdown for eleven of 14 launches as USAF Flight Commander; served as Lead Engineer for IntelSat 14 a civilian communications satellite.

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## AWARDS

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### **Federal Aviation Administration (FAA)**

- Performance Integration Branch Top Performer, Year (2025)
- Performance Integration Branch Top Performer, Year (2024)
- Data & Technology Branch Top Performer, Year (2023)
- Branch Top Performing Group, Year (2023)
- Systems Analysis Branch Top Performer (2x, 2022)
- Branch Top Performing Group, Year (2022)
- Systems Analysis Branch Top Performer, Year (2020)
- Systems Analysis Branch Top Performer, Year (2019)
- Systems Analysis Branch Top Performer, Year (2018)

### **Entrepreneurial, Academic & Professional Recognition**

- Eosera National Pitch Competition Semi-Finalist, Top 5%, Year (2025)
- What If! Ventures Fellow, Year (2024)
- Texas Woman's University Center for Women Entrepreneurs Education Award, Year (2023)
- Society of Women Engineers Space Coast New Woman Engineer, Year (2010)

### **United States Air Force Reserve (USAFR)**

- Office of the Deputy Assistant Secretary (Science, Technology, Maturation & Logistics) Directorate Reserve Field Grade Officer (FGO), Year (2025)
- Defense Contract Management Agency (DCMA) Chief Management Office Outstanding Individual Reservist, Year (2023)
- DCMA Central Region Reserve FGO, Year (2022)
- DCMA Central Region Reserve FGO, Year (2020)
- DCMA Central Region Reserve FGO, Q1 (2020)
- DCMA Headquarters (HQ) Outstanding Individual Reservist Nominee, Year (2020)
- DCMA Contract Management Office Reserve Company Grade Officer (CGO), Q2 (2018)

### **United States Air Force (USAF)**

- Advanced Development Branch Junior Company Grade Officer (CGO), Q1 (2012)
- Military Satellite Communications Directorate Team, Q1 (2012)
- Branch Junior CGO, Year (2011)
- 5th Space Launch Squadron Volunteer, Year (2010)
- 5th Space Launch Squadron, Q2 (2010)
- 5th Space Launch Squadron CGO, Q4 (2009)

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## MILITARY DECORATIONS

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- Meritorious Service Medal (2025)
- Defense Meritorious Service Medal (2024, 2019)
- USAF Commendation Medal (2014, 2011)
- Joint Services Commendation Medal (2013)
- USAF Longevity Service Ribbon (2012)
- USAF Organization Excellence Award (2010, 2006)
- USAF Outstanding Unit Award (2009, 2007)