

**KELLEY J. WILLIAMS**  
kelley.williams@wright.edu • linkedin.com/in/kelleyjwilliams

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**EXECUTIVE SUMMARY**

Extensive experience leading WMD/CBRNE projects with DoD, DHS, and DOE. Twelve years' experience with incident response, HAZMAT characterization, and predictive modeling. Expertise in best laboratory practices involving chemistry and biology. Comfortable developing cross-functional teams for technical projects. Skilled at operating in organizations with a great autonomy and responsibility. Motivated and fast learner with an extremely broad skillset. Mature and natural leader with high emotional intelligence and mental stamina. Completes assignments with enthusiasm, a positive attitude, and a sense of urgency.

**CORE COMPETENCIES**

|                              |                            |              |
|------------------------------|----------------------------|--------------|
| Process Improvement          | Emergency Management       | Fluorescence |
| Training Development         | Internal Auditing          | FTIR & Raman |
| Cross-Functional Leadership  | Polymerase Chain Reaction  | Microscopy   |
| Program & Project Management | Predictive Hazard Modeling | GC-MS        |

**EDUCATION**

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| Ph.D. in Emergency Management, Capella University, Student                         | Fall 2020 |
| M.S. in Microbiology and Immunology, Wright State University                       | 2015      |
| M.S. in Combating Weapons of Mass Destruction, Air Force Institute of Technology   | 2015      |
| M.S. in Management and Integrated Logistics, Embry-Riddle Aeronautical University  | 2007      |
| B.S. in Aerospace Engineering, Virginia Polytechnic Institute and State University | 2002      |

**PUBLICATIONS**

- James, L. C., & Oroszi, T. L. (Eds.). (2016). *Weapons of mass psychological destruction and the people who use them*. Praeger.
- Lukey, B. J., Romano, J. A., & Salem, H. (Eds.). (2019). *Chemical warfare agents: Biomedical and psychological effects, medical countermeasures, and emergency response* (Third). CRC Press, Taylor & Francis Group.
- Miller, M., Oroszi, T., Romine, W., & Williams, K. (2019, August). Ignorance is the parent of fear: Utilising social media in response. CBRNe World, 19–22.
- Williams, K., & Schmitt, S. (2020). Response to agroterrorism by foreign animal disease. In A. Maaroni & R. A. Norton (Eds.), *National defense assessment, strategies, and capabilities* (pp. 43–56). Air University Press.

**OPERATIONAL & TEACHING EXPERIENCE**

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|--|--------------|
| <b>Faculty and Associate Director for CBRN Defense</b>   | 2013-Present |
| • Responsible for content development and facilitation of three graduate courses in CBRN Defense   |              |
| • Expanded recruiting efforts to military and civilian responders and contributed to a reduced tuition program to improve their participation  |              |
| • Instructed over 120 students, of which 63 completed the three-course certificate series; revised and updated over 1200 PowerPoint slides to ensure course content addresses current research |              |

- Senior Scientist** 2012-Present
- Responsible for mobile analytical laboratory performing chemical, biological, and toxin analysis as well as gamma spectroscopy; Leads experimental design and field sampling operations
  - Contributed to development of an improved silica-coated spore immunofluorescence assay
  - Provided analytical support to two Presidential Inaugurations, over 10 hazardous responses, and dozens of training exercises
  - Supervised ISO 17025 accreditation preparation; lab achieved 100% passing rate with monthly proficiency tests
  - Elected to national leadership position; represents Analytical Technical Working Group with National Guard Bureau
- Operations Officer** 2008-2015
- Operations manager for several multi-agency projects involving national security
  - Developed and managed the design, budgeting, and acquisition for a mobile operations and communications platform
  - Leadership expertise described by staff as very effective, energetic, and empathetic
  - Responsible for mobility, accountability, and contract support for assets in excess of \$12,000,000
- Executive Director & Chief of Information Operations** 2003-2008
- Led a military unit during volatile combat operations; consistently demonstrated focused and effective leadership under extreme stress; evaluated as having “unlimited potential” and being the best of 16 fellow leaders
  - Responsible for training and wellbeing of 120 employees; directly managed the maintenance, accountability, and budgeting for assets in excess of \$10,000,000
  - Evaluated as the “best operations manager in the organization”; reduced supply response time by 91% and ensured 95% readiness rates which greatly increased the sustainable rate of operations
  - Coordinated operations between U.S. and international military and non-governmental organizations
- Founder & Chief Operations Officer** 2009-2013
- Developed strategic operations and marketing plans which ensured stable scaling through 560% sales growth over a three-year period
  - Established and optimized supply chain operations and vendor relations; coordinated market strategies across television, radio, print, and social media
  - Developed and optimized standard operating procedures; ensured compliance with Department of Labor and IRS regulations
- Lead Event Director** 2007-2012
- Founded and directed the Grizzlyman Adventure Race; recruited and trained the planning staff; developed the strategic budget and fund-raising strategies, managed financial operations, and coordinated operational agreements

- Ensured compliance with safety guidelines; spokesman for the public relations campaign which included live television, printed interviews, social media, and website development

**Professor of Military Science**

2006-2008

- Energetic and personable teaching style helped enrollment increase 65% in a single year; commended as the runner-up ROTC instructor in the nation in 2008
- Developed safe, effective, and efficient training of 120 college students each year; developed and delivered at least five hours of classroom instruction each week and implemented the first use of the Blackboard online learning environment with the UM ROTC program.