

Experienced team/laboratory leader with a demonstrated history of working in the research industry. Skilled in Analytics, Scientific Management, Leadership, and Innovation. Strong operations professional with a Master of Science in Analytics from the Georgia Institute of Technology and a Bachelor of Science in Physics from the United States Air Force Academy. Currently enrolled in the Master of Science in Computer Science program at Georgia Tech.

## EXPERIENCE

### Director of Operations

361st Recruiting Squadron

May 2022 — Present

Joint Base Lewis-McChord, WA

- Drives daily operations for an 84-member recruiting squadron in 34 offices across 721K square miles
- Coordinates with squadron leadership to enact Commander's intent and strategic vision
- Oversees squadron operations flight responsible for 3 Military Entrance Processing stations and recruiting administrative actions
- Utilizes analytics subject matter expertise to create novel reports on recruiting operations

### Support Flight Commander

361st Recruiting Squadron

Nov 2020 — May 2022

Joint Base Lewis-McChord, WA

- Led squadron's Support Flight and oversaw Commander Support Staff, Communications, Logistics, and Personnel Sections
- Stewarded \$1.5M budget, 652 communication equipment items, 60 GOV fleet, and 34 offices across 721K miles supporting 74 recruiters
- Primary squadron Approving Official validating Operation and Maintenance and Advertising government purchase card (GPC) accounts
- Oversaw civilian personnel management and appraisal as direct supervisor and higher level reviewer for 5 personnel

### Chief of Laboratory Operations

Harkins Laboratory Complex, AFTAC

Jun 2017 — Nov 2020

Cheyenne Mountain AFS, CO

- Managed day-to-day operations for a multi-million dollar laboratory complex
- The complex operates two research lab facilities to conduct research and development in ultra-low background radiological analysis methods

### Director of Operations

AFRL Maker Hub

Feb 2017 — Jun 2017

Wright-Patterson AFB, OH

- Ensured continuous operation of an innovative learning and rapid prototyping environment available to over 10,000 government employees
- Extended network of AFRL external and internal resources to provide assistance to users looking to collaborate with nontraditional partners
- Acted as subject matter expert to the Hub's capabilities including, but not limited to rapid prototyping, CAD/CAM design, additive manufacturing, CNC technologies, microcontrollers, small electronics, code development, and general fabrication techniques

### Executive Officer

Materials and Manufacturing Directorate, AFRL

Nov 2015 — Feb 2017

Wright-Patterson AFB, OH

- Provided executive support to SES Director and O-6 Deputy Director. Planned and executed critical directorate-level taskings
- Executed emergency management procedures for a 900-person Directorate with a \$750M annual budget and \$500M research and development complex
- Directed special job openings to eligible military members. Oversaw nomination procedures to max options for career growth

### Non-Destructive Evaluation Engineer

Materials and Manufacturing Directorate, AFRL

Aug 2013 — Nov 2015

Wright-Patterson AFB, OH

- Conducted in-house research to improve nondestructive inspection (NDI) capability used to ensure structural integrity
- Led over \$6M in Nondestructive Evaluation Research and Development, including a high-vis Advanced Technology Demonstration.
- Developed strategy for advancing eddy-current-based Nondestructive Investigation technologies to enhance aircraft structural integrity evaluations

## EDUCATION

Master of Science in Analytics, Georgia Institute of Technology

Dec 2022

Bachelor of Science in Physics, United States Air Force Academy

May 2013

## SKILLS

### Tools and Languages

Python, R, Git,  $\LaTeX$ , Markdown, SQL, C, Java

### Quantitative Research

AI/ML/DL, Tableau, Power BI

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# Lance T. Wilhelm

## Physicist

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### CERTIFICATIONS

<b>Flight Commander Course</b> , <i>Space Launch Delta 45</i>	Apr 2019
<b>Level II Science &amp; Technology Management</b> , <i>Defense Acquisition University</i>	Sep 2016
<b>Level I Engineering</b> , <i>Defense Acquisition University</i>	Apr 2016

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### PUBLICATIONS

W. Jin and L. Wilhelm. The hateful memes challenge next move, 2022. <https://doi.org/10.48550/arXiv.2212.06655>.

R. L. Balthazor, M. G. McHarg, C. L. Enloe, B. Mueller, D. J. Barnhart, Z. W. Hoeffner, R. Brown, L. Scherliess, and L. T. Wilhelm. Methodology of evaluating the science benefit of various satellite/sensor constellation orbital parameters to an assimilative data forecast model. *Radio Science*, 50(4):318–326, 2015. <https://doi.org/10.1002/2014RS005426>.

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### AWARDS

<b>Lance P. Sijan Leadership Award</b> , <i>CGO Nominee, 372nd Recruiting Group</i>	2022
<b>CGO of the Quarter</b> , <i>Team McChord</i>	1QCY22, 3QCY21
<b>Support Flight of the Quarter</b> , <i>Air Force Recruiting Service</i>	2QFY22
<b>CGO of the Year</b> , <i>361st Recruiting Squadron</i>	CY21
<b>CGO of the Quarter</b> , <i>Air Force Recruiting Service</i>	1QCY21