



## [Andrew Wiedlea, Ph.D.](#)

438 Santa Clara Ave., Alameda, CA, 94501  
[andrew@wiedlea.com](mailto:andrew@wiedlea.com) | (505) 310-5482

### **Project & Portfolio Manager | IT Director | Systems Analyst**

#### **CAREER SUMMARY**

Dr. Andrew Wiedlea has 20 years of senior leadership for million-dollar global programs and technology departments for the government, energy, research, and military industries. He is an expert on delivering complex systems with contested regulatory and technical requirements and using industry best practices and project management skills in cross-functional environments. Dr. Andrew Wiedlea has held DOE, and DoD clearance and is a chapter president for the International Council on Systems Engineering. He is currently located in the San Francisco Bay Area.

#### **SKILLS**

Program Management – 6 years	IT Leadership – 6 years	Systems Engineering – 15 years
Data architecture & analytics – 7 years	Project Management – 12 years	Consulting – 11 years
System Development Life Cycle – 8 years	Requirements Development – 7 years	Business Development – 13 years
Negotiation – 10 years	System Simulation – 8 years	Defense Systems – 15 years

#### **EXPERIENCE**

##### **Lawrence Berkeley National Laboratory**

**Berkeley, CA**

**2016-Present**

- **Head of Science-IT & User Support Programs** who reports to CIO and directs a team of 43 FTE with an \$8M/annual budget at a pre-eminent scientific research laboratory. Grew IT science support funded directly by scientists by 20%.
- Program portfolio management (PPM) developer and leader for all aspects of Science-IT consulting to 2.5K laboratory scientists, and User Support for approximately 5K laboratory staff. Capabilities provided include high performance compute, data management, support for IoT and sensors, storage, science project planning and programmatic support, cloud services (AWS, GCP), and virtualization for a wide range of science programs and DOE national scientific assets such as the Advanced Light Source, Joint Genome Institute, Molecular Foundry, and National Center for Electron Microscopy.

##### **Defense Threat Reduction Agency**

**Ft. Belvoir, VA**

**2007-2016**

- **Branch Chief of Information Sciences (2012-2016)** who directed multiple Department of Defense and National Nuclear Security Agency laboratory development programs as an Operations Research Systems Analyst and program manager for a myriad of mixed civilian and military sponsored \$5M-\$35M projects.
- Responsible for the maintenance, contracting, and leadership for the DTRA Experimental Laboratory (DEL) computational system supporting 24/7 Combating Weapons of Mass Destruction analytics and information support for COCOMS and operational elements.
- **Deputy Branch Chief of Information Sciences (2007-2012)** who grew the portfolio of projects from \$1.7M to \$11.7M/annually.

##### **Los Alamos National Laboratory**

**Los Alamos, NM**

**2001-2007**

- **Technical Staff Member** responsible for managing a portfolio of projects valued at \$600K/annually that included modeling and analysis projects relating to DoD and DOE weapon systems, and facility design and vulnerability analyses. Co-developer of a new system modeling tool called GROMIT (Graphical Representation Ontology Modeling Inference Tool) used to stockpile DOE and DoD surveillance efforts.

#### **EDUCATION AND CERTIFICATIONS**

<b>Ph.D. in Public Policy– University of California, Berkeley – 2001</b>
<b>Masters in Public Policy – University of California, Berkeley – 1995</b>
<b>B.A. Double Major History and Economics – University of California, Berkeley - 1991</b>

#### **PROFESSIONAL MEMBERSHIPS AND AWARDS**

NextGov BOLD Award, *Constellation Prototype*, 2014 | Distinguished Civilian Service Medal, Defense Threat Reduction Agency, 2014 | High Level Civilian of the Annually, Defense Threat Reduction Agency, 2013 | Value Engineering Award, *Force on Force Evaluation and Analysis of KPP*, Office of the Secretary of Defense for Acquisition, Technology and Logistics, 2011 | LANL Technology Transfer Maturation Fund Recipient (\$50K) for GROMIT software development, 2006 | Distinguished Performance Award, *Nuclear Power Plant Vulnerability Team*, Los Alamos National Laboratory, 2003 | Science and Technology Policy Manager Level 3 Defense Acquisition University Certification, 2011 | President of the San Francisco Bay Area Chapter of the International Council on Systems Engineering (INCOSE), 2018-2020.