



DEFENSE INNOVATION UNIT

Technical Director, Advanced Energy & Materials (AE&M) Defense Innovation Unit (DIU)

The Technical Director of AE&M will be a critical part of DIU's sixth portfolio, leveraging commercial technology to solve the military's power, energy, and materials problems. For example, one project underway provides novel new battery chemistries for a space partner. In another, we are providing advanced power to unmanned stratospheric systems that can stay aloft for 30 days.

We're looking for a dynamic leader who would like to make a difference for a national mission of critical importance. The Technical Director is responsible for technical diligence and assessments for the Defense Department (DoD) and US Government partners and as well as an advisor for multiple, concurrent projects that offer timely and impactful solutions.

The Full Performance Level for this position is a Highly Qualified Expert (HQE).

Responsibilities

- Assists the AE&M Portfolio Director through technical due diligence and program management support
- Manages all technical activities within the portfolio, including engagements and technical assessments with the public and private sector entities
- Aid in the design, evaluation, field testing, and transition activities for AE&M programs
- Stays current on cutting-edge commercial technologies, as well as maintain partnerships with USG R&D community
- Identifies projects within the Defense Department with the highest return on investment or transformative capability improvement
- Advises the DIU Director and senior DoD leaders, as needed

Experience and Skills

- Expert knowledge of current and emerging commercial technologies, investors, and associated market segments
- Demonstrated track record of successful power, energy, or materials product and/or project management
- Skills in understanding complex technology and translating those environments into executable solutions for DoD / US Government
- Ability to exercise mature leadership and sound judgment in resolving problems involving multiple stakeholders and equities
- Ability to independently collect, organize, analyze, and interpret data, and present findings and recommendations to senior leadership
- Ability to communicate effectively with senior audiences on complex technical issues both orally and in writing

Qualifications

- Minimum of 5 years, but 10+ years preferred of professional experience positions of engineering, technical, and/or product development focus
- PhD in engineering / material sciences or similar technical degree(s)
- Ability to drive big-picture goals while maintaining strong attention to detail
- Strong project reporting skills with a focus on interdepartmental communication
- Self-motivated with excellent time management and organizational skills
- Strong cross-functional collaboration skills to achieve results without direct reports

Conditions of Employment

- Position will be based out of Mountain View, CA or Cambridge, MA
- This is a drug testing designated position
- Must submit for and maintain a Top Secret/SCI clearance
- Financial Disclosure is required
- Travel is required 25% of the time for this position
- Telework may be authorized
- Mobility Agreement - No
- Physical Examination - No
- Overtime - No

Apply at diu.applytojob.com by August 7th

About DIU

The Defense Innovation Unit (DIU) strengthens our national security by accelerating the adoption of commercial technology throughout the military and growing the national security innovation base. DIU partners with organizations across the Department of Defense (DoD), from the services and components to combatant commands and defense agencies, to rapidly prototype and field advanced commercial solutions that address national security challenges. With offices in Silicon Valley, Boston, Austin, and the Pentagon, DIU connects its DoD partners with leading technology companies across the country.

DIU is the only DoD organization focused exclusively on fielding and scaling commercial technology across the U.S. military at commercial speeds. We are focused on six technology areas where the commercial sector is operating at the leading edge: AI, autonomy, cyber, human systems, space, and energy.

We aim to move from problem identification to prototype contract award in 60–90 days whereas the traditional DoD contracting process often takes more than 18 months. Prototype projects typically run from 12–24 months and are administered according to Other Transaction (OT) authority. Upon completion, successful prototypes may transition to follow-on production-OT agreements or FAR-based contracts.

Here's a link on DIU from a recent segment on the *PBS NewsHour*:

<https://www.pbs.org/newshour/show/how-the-pentagon-joins-forces-with-silicon-valley-startups>

More information can be found on our website www.diu.mil and in our 2019 Annual Report [here](#).