

The Advanced Research Projects Agency-Energy (ARPA-E) is an agency within the U.S. Department of Energy that funds creative, out-of-the-box, transformational energy technologies that are too early stage for private investment. ARPA-E programs provide top energy researchers with funding, technical assistance, and tech-to-market guidance to radically improve U.S. energy security, energy efficiency, and environmental well-being. The driving question behind all ARPA-E programs is “*If it works, will it matter?*”

ARPA-E’s Summer Scholars Program is designed to prepare ARPA-E funded technologies to achieve maximum impact and return on investment for ARPA-E project teams, stakeholders, and our Nation’s taxpayers. This internship provides a unique opportunity to be mentored by and interface with the ARPA-E Technology-to-Market team, the ARPA-E Program Directors, and ARPA-E Fellows.

We are seeking graduate students and recent graduates interested in:

- Researching market trends, cross-industry collaboration opportunities, and go-to-market strategies.
- Assisting in developing techno-economic analysis.
- Performing stakeholder analysis to identify technology adopters and laggards.
- Analyzing system reliability at varying levels or renewable penetration.

ARPA-E is currently seeking applicants for five separate opportunities this summer:

- Research how different types of electric utilities have adopted new technologies in the past and evaluate the implications for new technologies coming out of ARPA-E.
- Analysis of markets, technologies and development of an appropriate TEA framework for a high potential maritime application.
- Analysis of markets, technologies and development of an appropriate TEA framework for a high potential data center and/or edge computing application.
- Research how different types of renewable fuel users have adopted new technologies in the past and evaluate the implications for new technologies coming out of ARPA-E.
- Research AI/ML technical approaches that are being utilized across various sectors e.g. aerospace, materials development etc. specifically to accelerate the research and development process.

Applicants should be prepared for deep immersion into the project and must be comfortable working independently. Job requirements include strong analytical, written and oral communication abilities.

Each selected Scholar will be paid a weekly stipend and travel costs; length of stay can be negotiated, but typically ranges from 8-12 weeks. All positions will be based at ARPA-E’s headquarters in Washington, DC. This opportunity is available only to U.S. citizens.

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability or veteran status.

Highly motivated candidates should submit a CV, a cover letter, a writing sample, and two references at <https://arpa-e.energy.gov/career/job-opportunities>. Questions can be directed via email to ARPA-E-jobs@hq.doe.gov with the words “Energy Scholars” in the subject heading.

Applications are due no later than **Sunday, January 31, 2021**, and will be processed on a rolling schedule. Interested parties are encouraged to apply early.