Opportunity Title: EERE Science, Technology and Policy Opportunity with AMO Technical Partnerships
Opportunity Reference Code: DOE-EERE-STP-AMO-2018-1101

Organization	U.S. Department of Energy (DOE)
Reference Code	DOE-EERE-STP-AMO-2018-1101
How to Apply	A complete application consists of:

How to Apply (continued)

A complete application consists of:

- An application
- Transcript(s) - For this opportunity, an unofficial transcript or copy of the student academic records printed by the applicant or by academic advisors from internal institution systems may be submitted. Selected candidate may be required to provide proof of completion of the degree before the appointment can start.
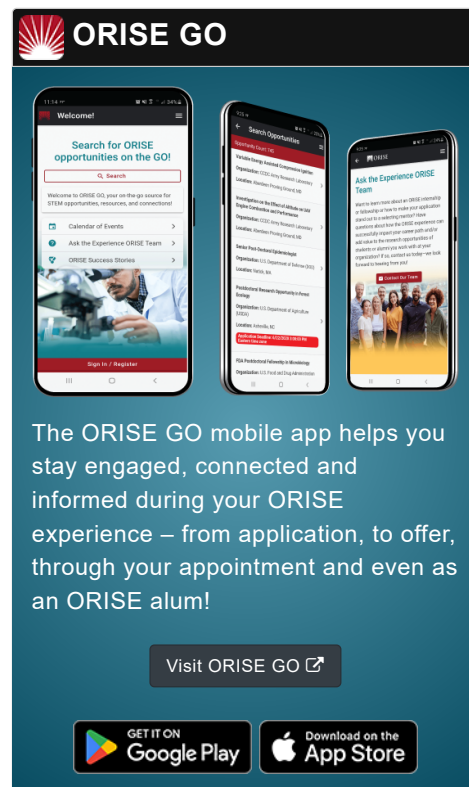- A current resume/curriculum vitae (CV)

The resume/CV must include the following:

- Basic applicant Information: Name, address, phone, email, and other contact information.
- Work & Research Experience: List all work and research experiences beginning with current or most recent. Include the name of the employer, location, position held, and time period involved.
- Leadership Experience: List experiences (e.g., work, civic, volunteer, research) that demonstrate your leadership skills. Detail your role, type of experience, organization, location, and duration.
- Educational History: List all institutions from which you received or expect to receive a degree, beginning with current or most recent institution. Include the name of the academic institution, degree awarded or expected, date of awarded or expected degree, and academic discipline.
- Honors & Awards: List in chronological order (most recent first) any awards or public recognitions. Include the name of awarding institution, title of the award or honor, and date of award or honor.

All documents must be in English or include an official English translation.

If you have questions, please send an email to DOE-RPP@orau.org. Please list the reference code for this opportunity in the subject line of your email.

Description	The Energy Efficiency and Renewable Energy (EERE) Science, Technology and Policy (STP) Program serves as a next step in the educational and professional development of scientists and engineers by providing opportunities to participate in policy-related projects at DOE's Office of Energy Efficiency and Renewable Energy in Washington, D.C. Participants will become part of a group of highly-trained scientists and engineers with the education, background, and experience to be part of the workforce that supports the DOE's mission in the future.

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The participant will learn and develop in the areas of AMO developing, managing and conducting technical analysis, focusing on creating plans and resources to promote the implementation of ISO 50001 as well as researching and assessing new techniques to advance energy management and energy practices in alignment with ISO 50001 across industrial, commercial and institutional customers. ISO 50001 is a global practice of organization-wide energy optimization and sustainability that has been shown to lead to large, sustained energy savings across of sectors. The participant will receive hands on experience and learn to:

• Engage collaboratively to develop resources leading to increased ISO 50001 implementation
• Collaborate with AMO TP Supervisor and ISO 50001 Team in managing program deliverables
• Determine resource needs and assessing technical options to meet program goals
• Contribute to written reports and papers on program research or findings
• Develop and execute data analysis findings and case studies, producing graphical and written findings
• Evaluate and propose ideas to advance software solutions (to assess energy performance improvement opportunities)
• Monitor partner and project performance to meet program requirements
• Contribute to regulatory and policy discussions and concepts related to utility energy efficiency incentive programs and ISO 50001

Research topics and main potential partners may include, but are not limited to, the following:
• Industrial, commercial and institutional energy systems and processes
• Measurement and verification of energy performance improvements
• Analysis in support of energy and water conservation targets
• Industrial and municipal waste water and water desalination technologies

Participant Benefits

Selected candidates will receive a stipend as support for their living and other expenses during this appointment. Stipend rates are determined by EERE officials and are based on the candidate's academic and professional background. Relocation expenses, not to exceed $5,000, incurred in relocating from the participant's current address to Washington, D.C. (if more than 50 miles from the address shown on the application), may be reimbursed. Participants will receive a travel allowance of $10,000 per appointment year to cover travel-related expenses to scientific and professional development activities.

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This opportunity is available to U.S. citizens and Lawful Permanent Residents. (LPR).

For more information about the EERE Science and Technology Policy Program, please visit https://energy.gov/eere/education/energy-efficiency-and-renewable-energy-science-technology-and-policy-program.

Appointment Location

Washington, DC

Nature of Appointment

The participant will not enter into an employee/employer relationship with ORISE, ORAU, DOE, or any other office or agency. Instead, the participant will be affiliated with ORISE for the administration of the appointment through the ORISE letter of appointment and Terms of Appointment.

Qualifications

Program eligibility requirements can be found at: visit https://energy.gov/eere/education/energy-efficiency-and-renewable-energy-science-technology-and-policy-program

A Bachelors degree is required. A Master's or Ph.D. is beneficial but not required.

Eligibility Requirements

- **Citizenship:** LPR or U.S. Citizen
- **Degree:** Bachelor's Degree, Master's Degree, or Doctoral Degree.
- **Discipline(s):**
  - **Business** (11 👁)
  - **Chemistry and Materials Sciences** (12 👁)
  - **Communications and Graphics Design** (6 👁)
  - **Computer, Information, and Data Sciences** (16 👁)
  - **Earth and Geosciences** (21 👁)
  - **Engineering** (27 👁)
  - **Environmental and Marine Sciences** (2 👁)
  - **Mathematics and Statistics** (10 👁)
  - **Physics** (16 👁)
  - **Science & Engineering-related** (1 👁)
- **Age:** Must be 18 years of age