Opportunity Title: Data, Policy, and Project Research Opportunity: Building Technologies Office
Opportunity Reference Code: DOE-EERE-STP-BTO-2023-1202

Organization U.S. Department of Energy (DOE)

Reference Code DOE-EERE-STP-BTO-2023-1202

How to Apply To apply click on *Apply* at the bottom of this page.

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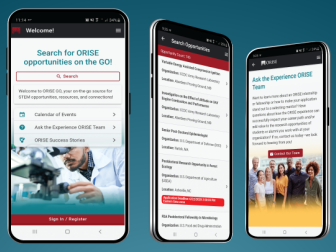

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Description The Energy Efficiency and Renewable Energy (EERE) Science, Technology and Policy (STP) Program serves as a next step in the educational and professional development of scientists and engineers by providing opportunities to participate in 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. You will acquire experience and enrichment in the following areas:

- Gain deep insight into the federal government's role in the creation and implementation of policies that affect energy technology development
- Contribute to the implementation of energy policies by applying scientific and technical expertise to the development of solutions for problems in areas of energy efficiency and renewable energy
- Continue your education and involvement in areas that support the EERE mission either in a technical or policy-related role
- Introduce policy-related knowledge and interest into research facilities supporting the EERE mission

The U.S. Department of Energy, Building Technologies Office (BTO) is looking for a fellow to engage in technology, budget, and policy-related research projects. Your learning opportunities include:

- Research and identify problematic areas and conduct research to determine the best course of action to correct the data
- Analyze and problem-solve issues with current and planned systems as they relate to the integration and management of data
- Analyze reports of data duplicates or other errors to provide ongoing appropriate inter-departmental communication and monthly or daily data reports
- Engage in monitoring for timely and accurate completion of select data elements
- Identify, analyze, and interpret trends or patterns in complex data sets
- In collaboration with BTO teams, develop and maintain databases and data systems necessary for projects and department functions
- Acquire and abstract primary or secondary data from existing internal or external data sources
- Collaborate to develop and implement data collection systems and other strategies that optimize statistical efficiency and data quality
- Engage in conducting analysis, as requested, to determine whether grants are meeting

program goals

- Research best practices, trends, and market information to provide recommendations on technical performance, costs, and schedule requirements
- Analyze and evaluate the overall performance of the projects within the Program, assess Program variances from expected progress, and collaborate to initiate necessary corrective actions
- Under the guidance of a mentor, create contact spreadsheets to assist POs with tracking grantee information
- Engage in document editing and formatting, document and presentation preparation, database administration, and other administrative duties

These activities may be carried out in collaboration with teams of multi-level federal employees, other participants, support service contractors, and experts from national laboratories.

Participant Benefits

Selected participants 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.

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

Appointment Location

Washington, D.C. or Golden, Colorado

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. The initial appointment period will be for one year, with the possibility to extend the appoint for a second year at discretion of the mentor and sponsoring office.

Qualifications

- Be currently pursing or have completed requirements for a Bachelor's or Master's degree, or have completed all requirements for the degree by the anticipated start date of the appointment.
- Be a U.S. Citizen and Lawful Permanent Resident (LPR)

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

Preferred Qualifications:

- Proficiency in Microsoft Excel, Teams, PowerPoint, Power BI, Access,

and Word highly preferred.

How to Apply:

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)
- 1 Academic Recommendation. References are asked to describe applicant's Scientific Capabilities and Personal Characteristics and must specify how they know the applicant.
- 1 Letter of Recommendation

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.

If you have questions, please send an email to DOE-RPP@orise.orau.gov and list the reference code [DOE-EERE-STP-BTO-2023-1202] in the subject line of your email

Eligibility Requirements

- **Citizenship:** LPR or U.S. Citizen
- **Degree:** Bachelor's Degree or Master's Degree.
- **Discipline(s):**
  - **Business** (11)
  - **Chemistry and Materials Sciences** (12)
  - **Communications and Graphics Design** (4)
  - **Computer, Information, and Data Sciences** (17)
  - **Earth and Geosciences** (21)
  - **Engineering** (27)

- **Environmental and Marine Sciences** (14)
- **Mathematics and Statistics** (11)
- **Other Non-Science & Engineering** (7)
- **Physics** (16)
- **Social and Behavioral Sciences** (29)

- **Age:** Must be 18 years of age