

**Opportunity Title:** Commercial Buildings and Building Energy Code Fellow:

U.S. Department of Energy

**Opportunity Reference Code:** DOE-EERE-STP-BTO-2024-1200

**Organization** U.S. Department of Energy (DOE)

**Reference Code** DOE-EERE-STP-BTO-2024-1200

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

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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, engineers, and professionals by providing opportunities to participate in policy-related projects at DOE's Office of Energy Efficiency and Renewable Energy (EERE) in Washington, D.C. Participants will become part of a group of highly-trained scientists, engineers, and policy experts with the education, background, and experience to support DOE's mission and transition to a clean energy economy.

**The Building Technologies Office (BTO) is seeking innovative fellows to participate in U.S. Department of Energy (DOE) clean energy initiatives. As a Fellow, you will engage and interact closely with BTO staff and National Laboratory scientists on research, development, and deployment of building energy codes and building performance standards to produce significant energy savings across the built environment. Fellows will experience full immersion in the [Building Energy Codes Program \(BECP\)](#) and [Commercial Buildings Integration \(CBI\)](#) technical projects and activities, interacting with experts in academia, industry, and at the National Labs. Fellows will also engage a diverse mix of state, local, and non-governmental stakeholders. You may also engage with other programs at the Department of Energy and across the Federal government. This Fellowship will last one year, with the opportunity to renew for additional years at the discretion of the sponsoring office.**

**As a Fellow embedded in the Building Technologies Office, you will learn and professionally develop in the following areas:**

- **Stakeholder Engagement:** Engage with DOE staff to build and maintain relationships with state and local jurisdictions and strategic partners working on building energy codes, building performance standards, and energy efficiency programs.
- **Technical Expertise:** Engage with DOE staff to provide feedback and/or recommendations on strategic progress or course correction for a variety of technical projects and policy relating to building energy codes and building performance standards.
- **Creative Vision:** Engage in strategic planning for technical policy research and development while reviewing, recommending, and implementing projects that advance the BTO and BECP mission, resulting in measurable and trackable building energy savings.



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- Communication: Engage with DOE staff to prepare and present written and oral briefings and reports to senior program staff, DOE leadership, external partners, and industry stakeholders.

Applicants will be evaluated on the basis of their professional and academic record, expertise in the field, and potential for making contributions in the area of building energy efficiency. Priority for selection will be given to applicants whose resume and experience reflects a background in building science, building energy codes and/or building performance standards, and a willingness to learn and develop solutions important to BTO and its mission. The review process will include phone and/or in-person interviews with potential candidates.

Successful candidates will:

- Have a passion for buildings, energy efficiency, and technical policy.
- Have interest in participating in a multi-disciplinary, metrics-oriented, collaborative environment.
- Have strong written, organizational, analytical, and research skills, and a demonstrated capacity for creative thinking.

**Stipend and Benefits**

BTO offers a competitive stipend for participation in this program determined on an individual basis. This Fellowship also offers a range of additional benefits including: medical, dental, and vision insurance, a local transportation stipend, and Federal holidays. Relocation expenses incurred in relocating from current address to Washington, D.C. or Golden, CO will be reimbursed, in the amount of up to \$5,000 (if more than 50 miles from the address shown on the application). Fellows will receive a travel and research allowance of \$10,000 per appointment year to cover expenses for scientific and professional development activities. Fellows may be offered an extension for additional years with an increase in stipend and cost of living adjustment. Past Fellows have gone on to take a wide range of permanent positions in industry, academia, and government.

For more information about Fellowships with BTO in the EERE Science, Technology, and Policy Program, please visit <https://www.energy.gov/eere/buildings/building-technologies-office>.

**Appointment Location**

Washington, D.C. or Golden, CO

**Nature of Appointment**

The fellow 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 additional years at discretion of the mentor and sponsoring office.

**Qualifications** You must be currently pursuing, or have completed requirements for, a Bachelor's,

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Master's, or Doctoral degree.

You must be a U.S. Citizen or Lawful Permanent Resident (LPR).

**Preferred Skills:**

- Experience with building energy codes and/or building performance standards.
- Knowledge of building energy and decarbonization policy landscape across the United States.
- Knowledge of strategies to identify, evaluate, and prioritize cost-effective energy savings measures in new and existing commercial and residential buildings.
- Experience engaging with and providing technical support to stakeholders, such as state, tribal, and local governments.
- Experience with successful market transformation programs, policy and regulatory interventions, and/or public-private partnerships.
- Understanding of the economics of energy efficiency, including payback, rate of return, and net present value.
- Experience with key innovations in building efficiency, especially whole building strategies and analytics-based building energy management.
- Experience in researching or developing energy efficiency policies or programs for buildings, such as strategies designed to overcome specific technical and structural barriers and/or the evaluating of program effectiveness.
- Experience with building energy data, management, or analytics platforms such as energy modeling software/tools, energy code compliance tools, benchmarking and auditing tools, and others.

**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 candidates will be required to provide proof of completion of the degree before start of appointment.
- A current resume/curriculum vitae (CV)
- 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 relevant 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.

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- **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](mailto:DOE-RPP@orise.orau.gov) and list the reference code [DOE-EERE-STP-BTO-2024-1200] in the subject line of your email.

## Eligibility Requirements

- **Citizenship:** LPR or U.S. Citizen
- **Degree:** Bachelor's Degree, Master's Degree, or Doctoral Degree.
- **Academic Level(s):** Graduate Students, Post-Bachelor's, Postdoctoral, or Post-Master's.
- **Discipline(s):**
  - **Business** (11 )
  - **Chemistry and Materials Sciences** (12 )
  - **Communications and Graphics Design** (6 )
  - **Computer, Information, and Data Sciences** (17 )
  - **Earth and Geosciences** (21 )
  - **Engineering** (27 )
  - **Environmental and Marine Sciences** (14 )
  - **Life Health and Medical Sciences** (51 )
  - **Mathematics and Statistics** (11 )
  - **Other Non-Science & Engineering** (5 )
  - **Physics** (16 )
  - **Science & Engineering-related** (2 )
  - **Social and Behavioral Sciences** (13 )
- **Age:** Must be 18 years of age