

## Commercial Buildings and Building Energy Code Fellow Varies

Direct Link: <https://www.AcademicKeys.com/r?job=236955>

Downloaded On: Jun. 28, 2024 12:33pm

Posted Jun. 3, 2024, set to expire Oct. 3, 2024

<b>Job Title</b>	Commercial Buildings and Building Energy Code Fellow
<b>Department</b>	Department of Energy <a href="https://www.energy.gov/eere/buildings/building-technologies-office">https://www.energy.gov/eere/buildings/building-technologies-office</a>
<b>Institution</b>	Varies Varies,
<b>Date Posted</b>	Jun. 3, 2024
<b>Application Deadline</b>	Aug. 2, 2024
<b>Position Start Date</b>	Available immediately
<b>Job Categories</b>	Graduate Student Post-Doc
<b>Academic Field(s)</b>	Statistics & Actuarial Science Physics - Elementary Particles/Nuclear Physics - Condensed Matter/Low Temperature Physics - Atomic/Molecular/Optical/Plasma Physics - General Occupational Health/Safety Nanotechnology Natural Sciences Mathematics/Applied Mathematics Materials Sciences/Polymer Sciences Industrial Design/Technology Geography Geology - Hydrogeology Geology - GIS Geology - Geophysics Geology - Geochemistry

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Geology/Geosciences - General  
Fire Sciences  
Environmental Sciences/Ecology/Forestry  
Earth Sciences  
Computer/Information Sciences  
Chemistry - Physical  
Chemistry - Organic  
Chemistry - Medicinal  
Chemistry - Inorganic  
Chemistry - Biochemistry  
Chemistry - Analytical  
Chemistry - General  
Biology - Microbiology  
Biology - Biochemistry  
Sciences - General

**Job Website** <https://www.zintellect.com/Opportunity/Details/DOE-EERE-STP-BTO-2024-1200>

**Apply Online Here** <https://www.zintellect.com/Opportunity/Details/DOE-EERE-STP-BTO-2024-1200>

**Apply By Email**

**Job Description**

: **STIPEND RANGE:** \$60,000 - \$110,000 (and up - \*Stipend rates are determined by DOE officials and are based on the candidate's academic and professional background.)

### **BENEFITS:**

- Competitive stipend

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- Health insurance allowance
- Up to \$5,000 relocation reimbursement
- Up to \$10,000 research materials and travel allowance
- Federal Holidays observed
- Hybrid participation options

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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. BTO supports that mission by conducting research and implementing programs to support efficient decarbonization of more than 125 million homes and buildings throughout the United States.

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.

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- **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.
- **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.

**Location:** Washington, D.C. or Golden, CO

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### **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.

**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.

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### **Requirements:**

You must be a U.S. Citizen or Lawful Permanent Resident and be pursuing, or have completed requirements for, a Bachelor's, Master's, or Doctoral Degree.

### **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.

**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>.**

**Questions?** Email [DOE-RPP@orise.orau.gov](mailto:DOE-RPP@orise.orau.gov). Please list the reference code [DOE-EERE-STP-BTO-2023-1203] for this opportunity in the subject line of your email.

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### Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

**Contact**      ORISE DOE-RPP Team  
Department of Energy  
ORISE  
Varies,

**Contact E-mail**      DOE-RPP@orise.orau.gov