Opportunity Title: 2022 JUMP into STEM Building Technologies Internship Program

Opportunity Reference Code: DOE-JUMPintoSTEM-BTIP-2022

Organization	U.S. Department of Energy (DOE)
Reference Code	DOE-JUMPintoSTEM-BTIP-2022

How to Apply

NOTE: this opportunity is for JUMP into STEM participants only. All students enrolled in a U.S. college or university are welcome to participate in JUMP into STEM. Please see the JUMP into STEM website for details.

The internship application will require:

- Profile Information
- Educational details (e.g., dates of attendance/graduation, GPA, major(s))
- Awards and honors
- Internships or related experience
- Essay questions on relevant goals, interests, experiences, and skills
- An updated resume (pdf)
- Contact information for one academic or professional recommender, including current email address
- Academic records - For this opportunity, an unofficial transcript or copy of academic records may be submitted showing name, school name, current/enrolled classes, and GPA (pdf)

All application components must be completed and received in the system in order to be considered. **Applicant must <u>also</u> complete idea submission at JUMP into STEM to be considered for the opportunity**. Selections will be made by a screening committee based on challenge competition criteria and eligibility for the appointments at ORNL, NREL, and PNNL.
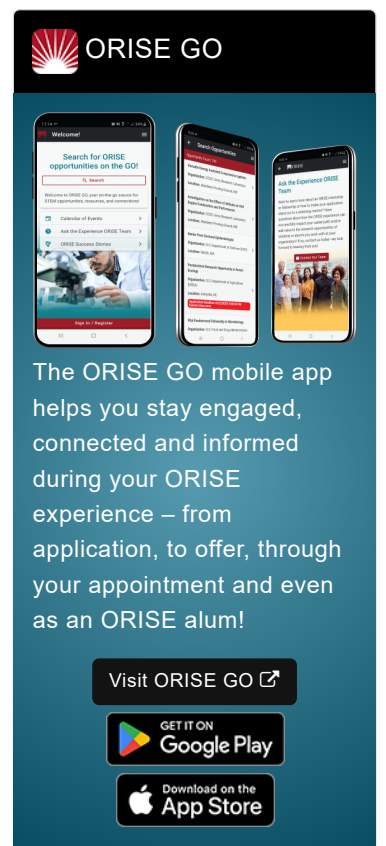
For questions, contact Margaret Scheiner at JUMP-BTIP@orise.orau.gov.

Application Deadline

12/20/2021 11:59:59 PM Eastern Time Zone

Description

In conjunction with the Department of Energy Building Technology Office, **JUMP into STEM** engages students and professors from science, technology, engineering, and math backgrounds, as well as from architecture, computer science economics, and the social sciences. The JUMP into STEM Challenges can be presented by professors as a modular component through coursework or pursued by students as an extracurricular development opportunity.

This application is for students participating in the JUMP into STEM competition to win a 10-week paid internship at Oak Ridge National Laboratory (ORNL), the National Renewable Energy Laboratory (NREL), or the Pacific Northwest National Laboratory (PNNL). Only select students with the top winning concepts will be eligible for internships. Awardees will be assigned their internship location.

The JUMP into STEM competition has seen three successful iterations. Please see the online news story (https://www.energy.gov/eere/buildings/articles/us-department-energy-s-building-technologies-office-announces-2021-jump-stem) to learn about the

August 2020 through January 2021 competition. The upcoming cycle will determine competition winners in early 2022 for summer 2022 internships.

Awards to Win

Eligible JUMP into STEM participants who win the final competition will be appointed full-time internships for the summer term (10 weeks) at ORNL, NREL, or PNNL and will be engaged in a research and technology project under the guidance of a laboratory scientist or engineer. Start and end dates may be flexible. Undergraduates will receive a stipend of **$600** per week and graduate-level students will receive a stipend of either **$700** (if currently a master's degree student) or **$750** per week (if currently a doctoral student). Participants whose permanent address is 50 miles or more from the site location city may be eligible for a $175 per week housing allowance and for mileage or flight travel reimbursement to/from the appointment city (up to $500).

Program Timelines

- Monday, August 16, 2021 – Zintellect application opens
- Friday, November 12, 2021 – Completion closes for idea submission at **JUMP into STEM** website; student portion of the JUMP into STEM Internship Program applications due
- Friday, Nov. 19, 2021 – Letters of recommendation due for the JUMP into STEM Internship Program
- Monday, Dec. 6, 2021 – Announcement of finalists, who will be invited to compete in the JUMP into STEM final competition
- Friday, Dec. 10, 2021 – Finalists confirm whether they will compete at final event
- Thursday, Jan. 27 and Friday, Jan. 28, 2022 – Final event for JUMP into STEM at ORNL
- Monday, Jan. 31 to Friday, Feb. 11, 2022 – Notification of internship appointment offer.

Qualifications **Program Eligibility:**

- Be currently enrolled in an undergraduate or graduate degree-seeking program at a regionally accredited U.S. college or university at time of application
  - Students graduating in fall of 2021 or later are eligible for the internship.
- Have a cumulative minimum GPA of 3.0 on a 4.0 scale as of November 13, 2021
- Be at least 18 years old
- Have medical insurance effective for entire term of appointment
- Have one academic or professional recommendation
- Selected participants will be required to submit a technical report or poster at the end of the appointment period

Eligibility Requirements
- **Degree:** Currently pursuing an Associate's Degree, Bachelor's Degree, Master's Degree, or Doctoral Degree.

- **Overall GPA:** 3.00
- **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** (46 👁)
  - **Mathematics and Statistics** (10 👁)
  - **Other Non-Science & Engineering** (13 👁)
  - **Physics** (16 👁)
  - **Science & Engineering-related** (1 👁)
  - **Social and Behavioral Sciences** (29 👁)
- **Age:** Must be 18 years of age

Affirmation I certify that:

- I have submitted or will submit an idea to the JUMP into STEM competition by Friday, November 12, 2021.
- To the best of my knowledge all information contained in this application is accurate
- I understand that any falsification will render me ineligible for participation and, if found after participation has begun, may require me to reimburse any funds received