

**Opportunity Title:** 2020 Building Technologies Internship Program (BTIP) -

ORNL and NREL

**Opportunity Reference Code:** DOE-ORNL-NREL-BTIP

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

**Reference Code** DOE-ORNL-NREL-BTIP

**How to Apply** Oak Ridge National Laboratory is suspending all new internship appointments, effective immediately, due to health and safety concerns over the COVID-19 outbreak. This includes any appointments at ORNL in the BTIP Program for summer 2020 program. As of 3.23.20, this does not impact appointments at NREL.

There is a small chance that the suspension of new internship appointments could be lifted if circumstances change, but for now this move will help minimize the risk to visiting students and to ORNL.

For the latest information and guidance, please visit these COVID-19 resources:

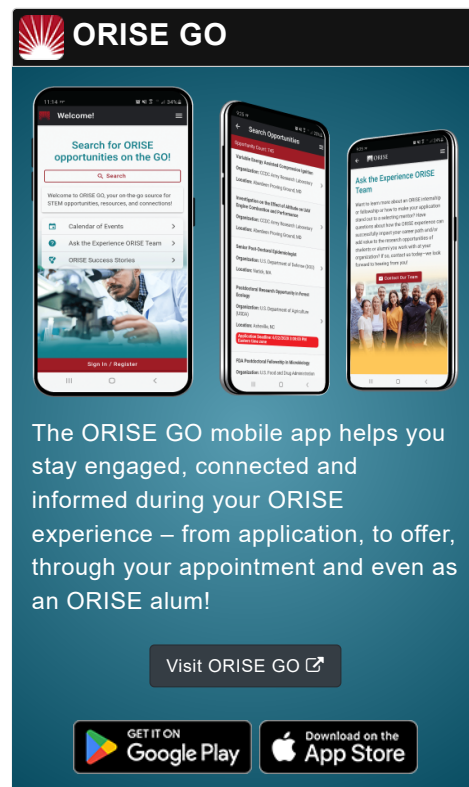
- Centers for Disease Control & Prevention: <https://www.cdc.gov/coronavirus/2019-nCoV/summary.html>
- State Department: <https://travel.state.gov/content/travel/en/traveladvisories/ea/novel-coronavirus-hubei-province--china.html>
- Department of Energy: <https://www.energy.gov/coronavirus-hub>

If you have any questions, please contact us at [ORNLedu@ornl.gov](mailto:ORNLedu@ornl.gov).

**The application will require:**

- Profile Information
- Educational details (i.e. dates of attendance/graduation, GPAs, majors, etc.)
- Awards and honors
- Internships or previous experience
- Essay questions on relevant goals, interests, experiences, or skills
- An updated resume (pdf)
- Contact information for 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 also 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 and eligibility for the appointments at ORNL and NREL.

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For questions, contact [leslie.fox@ornl.gov](mailto:leslie.fox@ornl.gov).

**Application Deadline** 1/24/2020 9:50:00 AM Eastern Time Zone

**Description** **Calling on Smart Students for Smart Solutions!**

In conjunction with the Department of Energy's (DOE's) Building Technology Office (BTO) student design competitions, **JUMP into STEM** engages undergraduate and graduate students from architecture, engineering, computer science, and other STEM disciplines departments to enter the online student design competitions for solutions to building design research and development topics as individuals or as members of a team. The challenges will be posted at **JUMP into STEM** and offer the opportunity to compete for awards, including the chance to be selected for a paid summer internship at the National Renewable Energy Laboratory (NREL) in Golden, CO or at the Oak Ridge National Laboratory (ORNL) in Oak Ridge, TN. You can learn more about the successful August 2018-April 2019 program at <https://www.energy.gov/eere/buildings/articles/doe-s-national-labs-select-student-winners-jump-stem-summer-internship>.

**Awards to Win**

Selected interns will be appointed full-time for the summer term (10 weeks) at ORNL or NREL 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, but a minimum of 10 weeks is required. Undergraduates will receive a stipend of \$600 per week and graduate level students will receive a stipend of \$700 per week if current master's level or \$750 per week if current PhD level students. There is a \$175 per week housing allowance for participants whose permanent address is 50 miles or more from the site location city and eligible mileage or flight travel to/from the appointment city will be reimbursed up to \$500.00.

**Program Timelines**

- Monday, August 12, 2019 – Zintellect application opens
- Friday, November 15, 2019 – Completion closes for idea submission at **JUMP into STEM**
- Friday, January 31, 2020 – Final event for **JUMP into STEM** at NREL
- Monday, February 3 – March 6, 2020 – notification of appointment offer by ORISE

**Qualifications** **Program Eligibility:**


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- Be currently enrolled in an undergraduate or graduate degree-seeking program at a regionally accredited U.S. college or university
  - Graduating students are not eligible unless proof of enrollment for continuing education at next academic level in fall 2020 can be provided at selection
- Have a cumulative minimum GPA of 3.0 on a 4.0 scale
- Be 18 years of age
- Have medical insurance effective for entire term of appointment
- Have one academic or professional recommender
- 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** (16 )
  - **Earth and Geosciences** (21 )
  - **Engineering** (27 )
  - **Environmental and Marine Sciences** (14 )
  - **Life Health and Medical Sciences** (45 )
  - **Mathematics and Statistics** (10 )
  - **Other Non-Science & Engineering** (13 )
  - **Physics** (16 )
  - **Science & Engineering-related** (1 )
  - **Social and Behavioral Sciences** (28 )
- **Age:** Must be 18 years of age

**Affirmation**    **I certify that:**

- 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