

Opportunity Title: Higher Education Research Experiences at ORNL- Entering College Freshmen 2020

Opportunity Reference Code: ORNL-HERE-ECF-2020

Organization Oak Ridge National Laboratory (ORNL)

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How to Apply Oak Ridge National Laboratory is temporarily suspending all new internship appointments, effective immediately, due to health and safety concerns over the COVID-19 outbreak. This includes the Lab's summer 2020 programs. You may continue to apply to the opportunity.

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.

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
- Academic records - For this opportunity, an unofficial high school transcript or copy of academic records may be submitted showing name, school name, current/enrolled classes, and GPA (pdf)
- Proof of enrollment/acceptance letter in an accredited U.S. college or university following the appointment term (pdf)
- Preferred start/end dates
 - Applicant must be 18 years old by January 1, 2020 for spring start, by June 1, 2020 for summer start, and start date must be after the candidate turns 18 years old
 - These dates may be considered by the ORNL mentor in determining appointment dates, but are not guaranteed

All documents must be submitted via Zintellect. All application components **must** be received in the system in order to be considered.

For questions, contact HERE@ornl.gov.


Application Deadline 6/1/2020 3:00:00 PM Eastern Time Zone


Description The Higher Education Research Experiences (HERE) program at Oak Ridge National Laboratory (ORNL) provides opportunities for participation in research and related technical activities to qualified entering freshmen, between high school and college. This educational




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experience offers selected participants the ability to learn from world-class scientists while utilizing the unique resources of ORNL and encourages careers in the science, technology, engineering, and mathematics (STEM) and support fields.

Application Deadline

Application period will remain open through June 1, 2020. Selections and appointments may be made by ORNL mentors on a **rolling basis** until June 26, 2020, but most offers will be received by June 1, 2020.

Description

- Applications are accepted for appointments in spring and/or summer after high school graduation and prior to starting college
- Full-time or part-time appointments may be offered
- Flexible start and end dates

Benefits

- \$500/week stipend paid biweekly for full-time participation (starting May 4, 2020; \$400/week prior to that date); pro-rated if part-time
- \$175/week housing allowance (paid with biweekly stipend) and limited travel reimbursement (up to \$500 total) for full-time participants if permanent address is at least 50 miles from Oak Ridge
- Learn more about [Housing for ORNL Research Participants](#)

Before you get started on your applications, you should:

1. Review the research areas at ORNL to determine what best fits your career goals. You can see the six discipline areas at www.ornl.gov.
 - For example, if you choose Clean Energy you will learn more breakthrough areas, news, current research highlights, and more. And you can explore other research areas, or related links and organizations to identify your areas of interest and key words, important terminology, papers, etc. that can be used as you answer application questions or update your resume.
 - Or type a key word into the search box at the top right corner on www.ornl.gov and follow the links provided to identify key researchers at ORNL or go to the webpages of the directorates or divisions. For example, typing "Environmental Science" leads to the link for the Environmental Sciences Division.
 - And you can find general contacts and access many of the Division or User Facility pages under Our People. Be sure to click on the page links to find potential connections as the Director is usually not the best place to begin your connection process.

After you have completed your application, then reach out via email (use the Our People – Contact Us – Find People - Staff Directory link at www.ornl.gov to enter a name and obtain an email address) to the researchers you identify.

1. Tell them about your background and describe how your career objectives and interests relate to their research.

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2. Include an updated resume/CV in the email and let them know which programs you have applied to at ORNL.
3. Showing initiative by reaching out to discuss your passion for science and research is a great way to introduce yourself to potential mentors. This personal connection can be the key to “standing out” from other applications. **As many of our ORNL programs use "pool" application posting where multiple mentors will consider candidates with a variety of interests for varied educational project opportunities, this is a critical step for selection success.**

[For more information, visit Science Education Programs at ORNL](#) or contact HERE@ornl.gov.

Qualifications Eligibility requirements:

- Have received a high school diploma from a U.S. accredited institution in the 6 months preceding start date
- Be accepted at an accredited U.S. college or university for the term immediately following participation
- Have a cumulative minimum high school GPA of 3.0 on a 4.0 scale
- Be 18 years of age by January 1, 2020 if applying for spring, by June 1, 2020 if applying for summer, and 18 years of age by the start date of appointment
- Be a U.S. Citizen or Lawful Permanent Resident (LPR) at the time of application - LPRs are subject to DOE clearance approval for laboratory entry
- Have medical insurance effective for entire term of appointment
- Have one academic or professional recommendation

Eligibility Requirements

- **Citizenship:** LPR or U.S. Citizen
- **Degree:** High School Diploma/GED received within the last 8 months or anticipated to be received by 7/1/2020 11:59:00 PM.
- **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 old by 6/1/2020

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Affirmation I certify that:

- I will be 18 years of age by January 1, 2020 if applying for spring and by June 1, 2020 if applying for summer and 18 years of age by the indicated preferred start date of appointment
- I will receive my high school degree between October 1, 2019 and July 1, 2020 and have been accepted or will be accepted and plan to start university classes between June 1, 2020 and October 1, 2020.
- 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