Opportunity Title: Artificial Intelligence Summer Institute (AISI)
Opportunity Reference Code: ORNL-HERE-AISI

Organization	Oak Ridge National Laboratory (ORNL)
Reference Code	ORNL-HERE-AISI
How to Apply	All profile and application questions/requirements must be completed and submitted before application can be reviewed.

The application will require:

1. Profile information

2. Education information (i.e. dates of attendance/graduation, GPAs, majors, etc.)

3. Awards and honors

4. Internship and employment information

5. Information on goals, research interest areas, experience, and skills (particularly in artificial intelligence, machine learning, and data science)

6. Availability dates

7. Academic status and proof of continuing acceptance/enrollment if required and available

8. Unofficial academic record or official transcript (most recent available) showing name, school name, current classes, cumulative GPA, received degrees (if applicable)

   - Official transcript may be required if selected

9. An updated resume/CV

10. Name and contact information for professional or academic recommenders
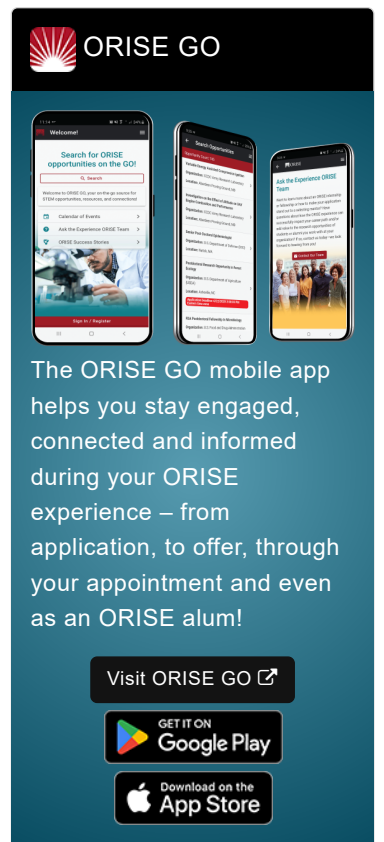
Application Deadline	3/31/2019 11:59:59 PM Eastern Time Zone
Description	The Artificial Intelligence Summer Institute (AISI) will collaborate with Oak Ridge National Laboratory (ORNL) scientists on solving problems of national and scientific interest, engage in educational and professional development opportunities, explore career opportunities at national laboratories, and interact with and present their research to ORNL's scientists.

As part of the summer institute, students will be organized into teams with diverse educational backgrounds and develop their skills to help solve scientific challenges using artificial intelligence, machine learning, and data science. They will learn from ORNL mentors who have expertise in artificial intelligence and machine learning and/or domain sciences such as physics, materials, or biology. Students will participate in an educational and professional development seminar series. They will also learn and participate in scientific communication exercises to prepare them for a career in scientific research, including oral and poster presentations and technical reports.

APPLICATION DEADLINE

Selections will be made on a rolling basis with the first round of selections starting January 1, 2019 and selections continuing until ten applicants have been chosen. Applications must be submitted by March 31, 2019. To be considered for selection, applications must be fully completed and submitted and two recommendations must be received within the Zintellect system. Applicants will be notified when selections are completed. **For best chance of selection, you must complete your application as soon as possible.**

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DESCRIPTION

- Full-time appointment

- Start date of June 10, 2019 and ending date of August 16, 2019

  - Applicants may request an earlier starting date, but the end date cannot be prior to August 16, 2019. An earlier starting date will be considered by the program but is not guaranteed.

BENEFITS

Stipend Rates: Stipends are based on academic level as shown below and paid on a biweekly schedule. **You should be prepared to cover all expenses for the first 30 days of your appointment.**

<u>Class Status*</u>

- **Current Undergraduate Student** - $700 per week

- **Recent Bachelor's Graduate** - $750 per week *(proof of degree required for stipend rate)*

- **Current Master's Student** - $850 per week

- **Recent Master's Graduate** *(proof of degree required for stipend rate)* - $900 per week

- **First or Second Year Current Ph.D. Student** - $900 per week

- **Third Year or Higher Current Ph.D. Student or Ph.D. Candidate** - $1,175 per week

Denotes class status completed <u>at the time of application and prior to ORNL report date</u> and as defined by college/university on official or unofficial transcript or academic record requirement in application.

Housing Allowance:

- $175/week housing allowance (paid with biweekly stipend) and limited travel reimbursement (up to $250 each way) for full-time participants if permanent address is at least 50 miles from Oak Ridge

- Learn more about [Housing for ORNL Research Participants](#)

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

Qualifications   **Eligibility requirements:**

- Be currently enrolled as an undergraduate (must be a rising junior or higher at time of application) in a degree-seeking program at a regionally accredited U.S. college or university at time of application

  - If graduating before start of appointment, must provide proof of acceptance/enrollment for fall 2019 in a degree-seeking program at a regionally accredited U.S. college or university (provide with application if available or by May 1, 2019 if selected)

- Or have graduated with a bachelor's degree in the last six (6) months (at the time of application) from a regionally accredited U.S. college or university

- Must provide proof of acceptance/enrollment for fall 2019 in a graduate degree program at a regionally accredited U.S. college or university (provide with application if available or by May 1, 2019 if selected)

- Or be currently enrolled in a master's degree-seeking program at a regionally accredited U.S. college or university at time of application

- Or have graduated with a master's degree in the last six (6) months (at the time of application) from a regionally accredited U.S. college or university

- Or be a current Ph.D. student or Ph.D. candidate at time of application

- Have a cumulative minimum GPA of 3.0 on a 4.0 scale

- Be 18 years of age

- 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 - information on effective dates during appointment period will be required at time of appointment acceptance

- Have two academic or professional recommenders

- Have ORCID identifier number at time of acceptance

Eligibility Requirements

- **Citizenship:** LPR or U.S. Citizen
- **Degree:** Bachelor's Degree, Master's Degree, or Doctoral Degree received within the last 6 months or currently pursuing.
- **Overall GPA:** 3.00
- **Discipline(s):**
  - **Chemistry and Materials Sciences** (1 👁)
  - **Computer, Information, and Data Sciences** (16 👁)
  - **Engineering** (3 👁)
  - **Life Health and Medical Sciences** (1 👁)
  - **Mathematics and Statistics** (10 👁)
- **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