

**Opportunity Title:** Oak Ridge National Laboratory Next Generation STEM Internship Program (NEXTGENS)

**Opportunity Reference Code:** ORNL-2019-NEXTGENS

**Organization** Oak Ridge National Laboratory (ORNL)

**Reference Code** ORNL-2019-NEXTGENS

**How to Apply** Electronic applications, including submitted recommendations from a current teacher and school principal (curriculum coordinator for home school students), must be received through the [Zintellect](#) application system no later than February 1, 2019. Incomplete applications will not be considered.

**Application Deadline** 2/1/2019 11:59:59 PM Eastern Time Zone

**Description** Oak Ridge National Laboratory (ORNL) and Oak Ridge Institute for Science Education (ORISE) have a long history of collaborating and developing high quality research programs aimed at the early engagement of students to enrich their high school science and math experience.

ORNL and ORISE are continuing this partnership with the Next Generation STEM Internship Program (NEXTGENS). NEXTGENS affords rising juniors and seniors from high schools and accredited home school programs in Anderson, Blount, Knox, Loudon and Roane counties the opportunity to participate in STEM or STEM-related projects with researchers at Oak Ridge National Laboratory (ORNL).

Selected applicants will participate beginning June 3 through July 26, 2019. Students are expected to participate 40 hours per week. A maximum of five days (without stipend) may be missed during the appointment period, if necessary, for other commitments.

Program benefits include:

- \$400 per week stipend based on 40 hours of participation each week
- The opportunity to learn from world-renown scientists and engineers
- Optional professional development activities, including workshops, lab tours, lectures, poster sessions, seminars, and networking opportunities

**Qualifications** To be eligible, an applicant must meet the following criteria:

- Be a U.S. citizen or legal permanent resident at the time of application
- Be a rising junior or senior for the 2019-2020 academic year (graduating in 2020 or 2021)
- Be in good standing at an accredited high school or enrolled in an accredited home school program in Anderson, Blount, Knox, Roane or Loudon county in Tennessee
- Be at least 16 years of age by the time of appointment
- Have a minimum GPA of 3.0/4.0
- Provide proof of health insurance coverage
- Complete a Zintellect application and acquire recommendations from a current STEM teacher and principal (curriculum coordinator for home school students). Recommendations must be submitted through the Zintellect application system.



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- Eligibility Requirements**
- **Citizenship:** LPR or U.S. Citizen
  - **Degree:** Currently pursuing a High School Diploma/GED.
  - **Overall GPA:** 3.00
  - **Discipline(s):**
    - **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** ([6](#) )
    - **Physics** ([16](#) )
    - **Science & Engineering-related** ([1](#) )
    - **Social and Behavioral Sciences** ([28](#) )
  - **Age:** Must be 16 years old by 6/3/2019

**Affirmation** I certify the following:

- I am a U.S. citizen or legal permanent resident at the time of application
- I am either a rising junior or senior for the 2019-2020 academic year (graduating in 2020 or 2021)
- I am a student in good standing at an accredited high school or enrolled in an accredited home school program in Anderson, Blount, Knox, Roane or Loudon county in Tennessee
- I will be least 16 years of age by the time of appointment
- I have a minimum GPA of 3.0/4.0
- I can provide proof of health insurance coverage
- I can complete the Zintellect application and acquire recommendations from a current teacher and principal