World Class Science. Big Ideas. All we need is You!

Internships • Collaborations • Research Experiences

Undergraduates · Grad Students · Postdocs · Postgrads · Faculty · Teachers



Opportunities Internships, Fellowships, Research Experiences, Collaborations

POSTDOCs and other Recent Grads

Postdoctoral Research Associates

Participate in research with ORNL Principal Investigators. Generally there is no citizenship requirement; see the individual posting for details. These positions are primarily for one-year appointments and may be renewed. A PhD degree is required. Postdoc experiences are primarily within five years from the date of PhD award.

Post-Master's Research Participation Program

Similar to the Postdoc program, but targeted mainly to Post-Master's. Generally there is no citizenship requirement; see the individual posting for details. These positions are primarily for one-year appointments and may be renewed. Primarily for those within five years from their degree award.

Post-Bachelor's Research Participation Program

Similar to the Postdoc program, but targeted mainly to Bachelor's degree recipients. Generally there is no citizenship requirement; see the individual posting for details. These positions are primarily for one-year appointments and may be renewed. Must be within three years from Bachelor's degree award.

Advanced Short-Term Research Opportunity (ASTRO)

The ORNL Advanced Short-Term Research Opportunity Program is a highly selective program and offers challenging short-term research opportunities to recent recipients of master's and doctoral degrees to conduct research in areas that support ORNL missions in the basic and applied sciences, energy, and environment. No citizenship requirements. Appointments are for six months and may be renewed one time for up to three months.

Higher Education Research Experiences (HERE)

Open to both U.S. citizens and legal permanent residents who have completed a Bachelor's degree within the past year, plus Master's and PhD students performing thesis or dissertation research. Applications are always accepted; however, the preferred dates are February 1 for summer, June 1 for fall, October 1 for winter/spring.

Nuclear Engineering Science Laboratory Synthesis (NESLS)

Cooperative research initiative geared towards physics and engineering students and recent BS grads with a minimum GPA of 3.0/4.0 enrolled at a U.S. University. No citizenship requirement. Application deadline varies by semester.

UNDERGRAD

Higher Education Research Experiences (HERE) for Students

Open to both U.S. citizens and legal permanent residents who are currently enrolled in an AS or BS degree program with a minimum of 2.5/4.0. Applications are always accepted; however the suggested dates are February 1 for summer, June 1 for fall, October 1 for winter/spring. Opportunities are available for 10 to 12 weeks during the summer term; some longer term and part-time appointment may be available for up to 12 months.

DOE Science Undergraduate Laboratory Internships (SULI)

A nationwide internship experience that occurs at a national laboratory. Open to undergraduate students and recent B.S. graduates who are U.S. citizens or legal permanent residents. Students must have completed the first year of college. Fall and spring appointments are 16-weeks in duration and summer appointments are 10-weeks.

Laboratory Technology Program (TECH)

The Laboratory Technology Program provides opportunities for qualified undergraduate students and recent associate and baccalaureate graduates to receive hands-on technical training in a real-world setting that will prepare them to become part of the technical workforce. Applications are accepted on a year-round basis and are open to U.S. citizens and Legal Permanent Residents. Must have completed one-semester of college with at least one course in a technical discipline and live within daily commute of ORNL.

DOE Community College Institute (CCI)

A nationwide internship experience available to students from community colleges at a national laboratory. Open to both U.S. citizens and legal permanent residents during the 10-week summer term.

Nuclear Engineering Science Laboratory Synthesis (NESLS)

Cooperative research initiative geared towards physics and engineering students with a minimum GPA of 3.0/4.0 enrolled at a U.S. University. No citizenship requirement. Application deadline varies by semester.

Visiting Faculty Program (VFP)

The VFP program supports research teams of one faculty and up to two students at DOE national laboratories during the summer. This program is limited to U.S. citizens or LPRs from institutions which are historically underrepresented in the U.S. research community.

GRAD STUDENTS

Programs for those currently enrolled in a Master's or Ph.D program:

Higher Education Research Experiences (HERE)

Open to both U.S. citizens and legal permanent residents who are currently enrolled in an MS or PhD degree program with a minimum of 2.5/4.0. Also open to Master's and PhD students performing thesis or dissertation research. Applications are always accepted; however the suggested dates are February 1 for summer, June 1 for fall, October 1 for winter/spring.

Advanced Short-Term Research Opportunity (ASTRO) See description in POSTDOCs and other Recent Grads.

Nuclear Engineering Science Laboratory Synthesis (NESLS) See description in UNDERGRAD.

Visiting Faculty Program (VFP)

The VFP program supports research teams of one faculty and up to two students at DOE national laboratories during the summer. This program is limited to U.S. citizens or LPRs from institutions which are historically underrepresented in the U.S. research community.

FACULTY

Visiting Faculty Program (VFP)

The VFP programs supports research teams of one faculty and up to 2 students at DOE national laboratories during the summer. The faculty member identifies mutually beneficial research area amenable to collaboration by the faculty member and laboratory scientists. This program is limited to U.S. citizens or LPRs from institutions which are historically underrepresented in the U.S. research community.

HBCU/MEI Faculty Summer Research Program

Offers summer research appointments for faculty of Historically Black Colleges and Universities (HBCUs) and other Minority Educational Institutions (MEIs). Successful applicants will serve appointments up to 10 weeks at ORNL. Faculty must apply to posted research projects by early January. There is no citizenship requirement.

Higher Education Research Experiences (HERE) for Faculty

The HERE program allows full-time teaching faculty to participate during the summer, on a part-time semester basis, or on sabbatical. The program is open to faculty from any U.S. institution of higher education. Faculty research interests are matched with current projects at ORNL as funding is available. This program is limited to U.S. citizens or LPRs.

K-12 STUDENTS and TEACHERS

Appalachian Regional Commission (ARC)

The Appalachian Regional Commission/ORNL Summer Institute for Math, Science, & Technology is a two-week summer program that provides high school students and teachers from the Appalachian region the opportunity to work with scientists at ORNL. Students and teachers must be nominated by their school.