



ORNL Opportunities

A Newsletter of Internships and Jobs for New Graduates

August 2026

Internship Opportunities: ornl.gov/education

We have a new web address! (The old address will still point you to the new one.)



ORNL offers internships at the undergraduate, recent graduate, and graduate levels. Most undergraduates participate in fixed term internships that take place over the summer, fall, or spring academic terms. Most graduate students participate in collaborative research internships with flexible start and end dates that are intended to facilitate research that aids in the completion of their degrees. *Internships at ORNL include a stipend and a housing allowance for students living outside the immediate ORNL surroundings.*

Current information and application links are always available at education.ornl.gov. Visit www.ornl.gov/content/events-information-sessions for a current schedule of webinars presented to give essential guidance on programs, applications, and how to successfully navigate the process.



Applicants at all levels are strongly encouraged to reach out to potential ORNL Mentors in much the same way that you would a university professor. Scan the adjacent QR code for a handout that describes the best ways to do this. Nationally, about 1/3 of SULI applicants get a slot, and it's closer to 1/4 at ORNL. Having a mentor lined up is what gets you across the line!

Summer internships have largely concluded and we are largely in the Spring 2027 application season. Graduate internships (GRO and SCGSR) have flexible start dates.

Watch a webinar to help you apply. The schedule of July webinars is posted at www.ornl.gov/content/events-information-sessions. Registration links are there.

Opportunities Webinars: This webinar explains our various programs. There is a version for undergrads and another for graduate students. Undergrads: Aug 3 and Sept 3 at 2:00 and 3:00 PM, respectively ET. Graduate students: Aug 10, 2026 2:00-3:00 PM ET.

Tips for ORNL Internship Applications: This webinar will provide guidance to students of all levels in how to set your application apart from the masses and lead to successful selection. Aug 17, 2026 1:00-2:00 PM ET.



Oak Ridge National Laboratory

ORNL Opportunities is a monthly newsletter for its Core Universities

As part of the original University Partnership Vision, ORNL established a founding group of core partners that includes Duke, Florida State, Georgia Tech, North Carolina State, University of Tennessee, Vanderbilt, Virginia, and Virginia Tech.

7400+

Staff, representing 60+ nations

#1

World's most intense neutron source, More R&D 100 Awards than any other national Laboratory, World's first exascale computer

5500+

Guest researchers annually

1000+

Student Interns annually

2,700+

FY25 journal publications

Contact for Core University matters:

William Jenks
Lead, Core Universities Partnerships
Programs

jenksws@ornl.gov

Open Office Hours for questions and inquiries: ask questions directly to ORE staff about applications, housing, transportation or any other topics related to educational programs at ORNL. Aug 25, 2026 1:00-2:00 PM ET

DOE Science Undergraduate Laboratory Internships (SULI): Undergraduates and recent grads. Spring 2027 applications are open.

Research Student Internships (RSI): Undergraduates, recent grads, and graduate students. Spring 2027 applications are open.

Technical and Professional Internships (TPI): Undergraduates, recent grads, and graduate students looking for “practitioner” rather than “research” internships; also internships in non-science areas, such as communications and business operations. Spring 2027 applications are open.

Graduate Research at ORNL (GRO): Graduate students interested in dissertation-related research. Flexible start and end dates, rolling applications. This is our largest graduate student internship program. To start an application, you must identify an ORNL mentor scientist who will supervise your research. The mentor will initiate the application.

DOE Office of Science Graduate Student Research Program (SCGSR): PhD candidates interested in dissertation-related research. This prestigious DOE-funded graduate internship has two application windows per year. There are two application cycles per year. We are currently in a gap. The next cycle will open in August and close in November with earliest start date for that round being in June 2027.

Reach out to the Office of Research Education at education@ornl.gov.

Postdoctoral Fellowship Opportunities: jobs.ornl.gov

Postdoctoral appointments are fully professional opportunities, normally for two years and extendable to three. A competitive compensation package accompanies the unique and exciting research opportunities of working at ORNL, one of the world’s leading research institutions. All postings are open searches posted at jobs.ornl.gov and clicking “Postdoctoral”. You can sign up for a weekly email listing at the web site.



These Listings are a SNAPSHOT of the available postdoctoral opening taken July 31, 2026. The list will certainly differ when you visit, with some closed and some new ones opened. Please visit jobs.ornl.gov for current listings!

Postdoctoral Research Associate - Advanced Machining and Machine Tool Research Group
Postdoctoral Research Associate - AI for Hydrological Modeling
Postdoctoral Research Associate - Application-driven Composable Distributed Storage
Postdoctoral Research Associate - Computational Radiation Protection Scientist
Postdoctoral Research Associate - Computational Solid Mechanics for Digital Cert/Qual
Postdoctoral Research Associate - Data Science for Advanced Manufacturing
Postdoctoral Research Associate - Grid Modeling
Postdoctoral Research Associate - HPC and AI
Postdoctoral Research Associate - HPC Confidential Computing and Secure Multi-tenancy
Postdoctoral Research Associate - HPC System Architecture and Intelligent Storage Design

Postdoctoral Research Associate - Integrated Building Deployment and Analysis Group
Postdoctoral Research Associate - Large-Scale Simulations for Additive Manufacturing
Postdoctoral Research Associate - Microbial Synthetic Biologist
Postdoctoral Research Associate - Multifunctional Equipment Integration
Postdoctoral Research Associate - Physical Metallurgy of Non-ferrous Alloys
Postdoctoral Research Associate - Plant Ecophysiology & AI
Postdoctoral Research Associate - Privacy Preserved Federated Learning Algorithms
Postdoctoral Research Associate - Programming Systems for Extreme Heterogeneity
Postdoctoral Research Associate - Robotics and Navigation
Postdoctoral Research Associate - Theory and Modeling of Dynamics in Condensed Matters
Postdoctoral Research Associate - Workflow Systems Group
Postdoctoral Research Associate- LEGEND
Postdoctoral Research Associate- Neutron Scattering
Postdoctoral Research Associate- Thermal Energy Storage Group
Postdoctoral Research Associate, Quantum Information Science
Postdoctoral Research Associate, Scientific Machine Learning

Be in touch with us at postdocrecruitment@ornl.gov

Research Positions for Recent Graduates: jobs.ornl.gov

ORNL has career opportunities for scientists and engineers that are posted on a rolling basis. Not shown in this newsletter are additional opportunities in Craft and Skilled Labor or Business and Administrative Support. This snapshot (July 31, 2026) only includes current listings that do not require significant experience beyond the PhD and postdoc. Listings show minimum degree or degree plus experience requirements. *Note: almost all listings have “or equivalent mix with education” in experience listings, so a graduate degree can substitute for experience when an undergraduate degree is the minimum requirement.*



Even if there is not a current listing that fits your interest or graduation time, we strongly encourage you to join our Talent Community by creating an account at jobs.ornl.gov and setting up a profile; these are actively used in filling our positions!

All listings and additional career information are at jobs.ornl.gov.

AI Security Systems Architect	PhD + 2
AI Security Systems Architect	PhD +2

AI/Machine Learning Research Scientist (Remote Eligible)	PhD with 4
Applications Engineer - Advanced Manufacturing	BS +4
Applications Engineer for Advanced Manufacturing	BS +4
Biometrics AI/ML Engineer	BS
Biometrics AI/ML Engineer	BS+4
Computer Scientist	BS
Contractor SAP Security Officer	BS + 5
Cooling Systems Engineer	BS+5
Data Systems Software Engineer	BS with 2
Dynamic Test Engineer	PhD
Electrical Designer / CAD Drafter	AS+5
Electrical Engineer	BS+5
Geospatial Data Engineer II	BS +7
HPC Infrastructure Platform Engineer	BS+5
HPC Linux Systems Engineer	BS+5
HPC Linux Systems Engineer, Classified Environment	BS+5
HPC Software Engineer	BS+5
I&C System Engineer	BS+5
Instrument Support Electrical Engineer	BS+5
Instrumentation & Control Systems Engineer (LabVIEW)	BS+5
Isotope Labeling Chemist- Associate Technical Professional	BS with 2
Junior Developer - Platform Integration Specialist	BS
Maintenance Engineer	BS+5
Mechanical Design Engineer	BS+5
Mechanical Designer	AS+5
Mechanical Engineer	BS+5
Mechanical Process Engineer	BS+5
Nonproliferation Data Scientist	PhD+2
Process Systems Engineer	BS+5
R&D Associate - Vapor Synthetic Material Scientist	PhD
Radar and Optics Applications Staff Assistant	any degree
Radioisotope Production Technical Professional	BS+3
Reliability Engineer - Electrical	BS+5
Research Associate - Grid Modeling	PhD+2
Research Computational Scientist	MS
Research Professional - Grid Control and Machine Learning	PhD
Research Scientist, Distributed Workflows	PhD
Research Staff - Advanced Machining and Machine Tool Research Group	PhD+2

Sample Environment Technician	AS+5
Technical Professional - Electrical Design and Manufacturing	BS+2
Technical Professional - Polymer Characterization	BS
Technical Professional Staff Member - Mechanical Design and Test Engineer (Temporary)	BS
Technical Professional- Materials Analyst Staff Member	BS+5
Weatherization Assistance Program Project Manager	BS+5

Distinguished Staff Fellowship Program: This extremely selective and prestigious opportunity for new Scientific Professionals has application windows in January, May, and September of each year. It is for recent STEM PhD graduates who will propose new lines of research in alignment with lab priorities. Use the QR code to get more information on this outstanding program.

ORNL is an equal opportunity employer. All qualified candidates, including individuals with disabilities and protected veterans, are encouraged to apply. ORNL is an E-Verify employer. If you have difficulty using the online application system or need accommodation to apply due to a disability, please email: ORNLRecruiting@ornl.gov.

