

Internship and Faculty Participant Program Overview

Savannah River Site Missions

SRS is a Department of Energy facility located near Aiken, S.C. The 310-square-mile complex borders the Savannah River between South Carolina and Georgia. SRS was constructed during the early 1950s to support our nation's security. For 35 years, SRS produced the basic materials used to fabricate nuclear weapons. As the world changed, so did the site. SRS now supports current and future national security requirements by reducing the global nuclear nonproliferation danger, protecting and enhancing America's energy independence, restoring the environment, and managing waste and nuclear materials. SRS scientists and engineers conduct research, develop technologies and implement practical solutions in support of ongoing missions at SRS.

Core Technologies

- Environmental Remediation and Characterization
- Environmental Modeling Systems
- Watershed Management
- Sensors and Measurement Systems
- Information Systems
- Remote/Robotic Systems
- Arms Control and Nonproliferation
- Actinide Chemistry & Aqueous Processing
- Vitrification Systems
- Radioactive Material Storage
- Waste Stabilization
- Hydrides
- Tritium Processing and R&D

Emerging Technologies

- Radioactive Packaging and Transportation
- NDE Imaging Systems
- Molecular Modeling
- Process Control Systems
- Hydrogen Production/Storage
- In Situ Corrosion Monitoring

New Missions

- Mixed Oxide Fuel (MOX)
- Modern Pit Facility
- Salt Waste Processing Facility

Potential New Mission

- Clean Energy Initiative
- Nuclear Hydrogen Production

The SRNS Internship and Faculty Participant Program (I&FP)

SRNS offers educational and research opportunities to K-12 teachers, undergraduates, graduate, and postgraduate students, as well as university faculty, in a variety of assignments.

Using the site's unique resources and state-of-the-art equipment and facilities, interns and participants support research and development activities, engineering, operations, and other site services while gaining knowledge and experience in their field of study.

Disciplines

- Physical sciences
- Life sciences
- Engineering
- Environmental
- Computer science
- Mathematics
- General business
- Liberal art

Eligibility

- Must be a U.S. citizen
- Must have a G.P.A. of 2.5 or above
- Must be enrolled full-time in an accredited college or university

Provisions

- Paid stipend/remuneration
- Paid holidays
- Mileage to and from appointments (if more than 100 miles from SRS)
- Participants must show proof of insurance

Postgrad and Postdoctoral

- Reimbursements for relocation expenses
- Reimbursement for travel to initial interview

Internship and Participant Appointments

Internship and Participant Appointments are available during the academic year and summer.

Length of Appointments:

Undergraduate	Four Years
Post-Bachelor	One Year
Graduate (Masters)	Two Years
Postgraduate	Two Years
Doctoral Student	Three Years
Post-Doctoral	Two Years
K-12 Teacher Summer Appt	Three months per year
K-12 Teacher Sabbatical	One Year
Summer Faculty	Three months per year
Faculty Sabbatical	One Year

How to apply:

https://sjobs.brassring.com/1033/ASP/TG/cim_home.asp?partnerid=25264&siteid=5439

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