



2003 Edition

*Catalog of  
Education and  
Training Programs*



**Oak Ridge Institute for Science and Education**



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Education and  
Training Programs*



**Oak Ridge Institute for Science and Education**

ORISE 02-0819

The **Oak Ridge Institute for Science and Education (ORISE)** is a U.S. Department of Energy facility focusing on scientific initiatives to research health risks from occupational hazards, assess environmental cleanup, respond to radiation medical emergencies, support national security and emergency preparedness, and educate the next generation of scientists. ORISE is managed by Oak Ridge Associated Universities.

This document describes activities performed under a contract between the U.S. Department of Energy and Oak Ridge Associated Universities.

It is the policy of the Oak Ridge Institute for Science and Education to recruit and select participants without regard to race, age, gender, religion, color, national origin, mental or physical disability, or special disabled or Vietnam Era veteran status.

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# How to Use This Catalog

The *ORISE Catalog of Education and Training Programs* describes the programs that the Oak Ridge Institute for Science and Education (ORISE) manages for the U.S. Department of Energy (DOE) and other federal agencies. This book offers three different ways to help you find the program most appropriate for your specific interest and need.

The programs are divided into four major sections: Faculty Opportunities, Postgraduate Opportunities, Graduate and Undergraduate Student Opportunities, and Other Courses and Training.

If you know the name of the program in which you are interested, refer to the Alphabetical Program Listing. This list is arranged by eligibility category and includes page numbers for each program description.

If you are unsure which programs offer opportunities within your area of study, turn to the Disciplines Index. This index lists the page numbers of programs by specialty area.

Each program listing includes a brief description, eligibility requirements, disciplines, locations, application deadlines, benefits, contact names, and phone numbers. These individuals can provide you with more detailed information, brochures, applications, or whatever you may need.

DOE also participates in FEDIX, an online system set up to share information with the academic community about federal research programs. The PC-based system allows anyone with a computer, phone, and modem to access information on DOE's Eligible Equipment Grant Access Data System and the Faculty Student Educational Programs. FEDIX also includes data from the Office of Naval Research and the National Aeronautics and Space Administration. The system is available 24 hours a day, seven days a week, at no charge except for telephone toll charges.

To reach FEDIX by Internet, go to [www.id.ucsb.edu/detche/library/fedix.html](http://www.id.ucsb.edu/detche/library/fedix.html). The computer phone number is (301) 258-0953, and the helpline number is (301) 975-0101. ORISE can provide information on FEDIX if you call (865) 576-3255.

# Access This Catalog Online

For the most current program details and application information, access the *ORISE Educational and Research Experiences Web site* on the Internet at:

**[www.ornl.gov/orise/educ.htm](http://www.ornl.gov/orise/educ.htm)**

This book is available in Adobe PDF format. You must have the Adobe Acrobat Reader installed to view it. If you do not have the reader, a free copy is available on the Adobe Acrobat Web Site at:  
[www.adobe.com/prodindex/acrobat/readstep.html](http://www.adobe.com/prodindex/acrobat/readstep.html).

# The Oak Ridge Institute for Science and Education

## *Filling the Need*

The Oak Ridge Institute for Science and Education (ORISE) is operated by Oak Ridge Associated Universities (ORAU) for the U.S. Department of Energy (DOE). A consortium of 86 colleges and universities, ORAU was established in 1946 to link state-of-the-art government research facilities in Oak Ridge with the academic community.

Our efforts are focused in six core competency areas: fellowship and research participation program administration/evaluation; worldwide emergency response and training; radiation site characterization and cleanup verification; workforce health, safety, and security research and training; integration of scientific and technical resources; and collaborative research partnerships.

Within these areas, we support a diversity of programs, including research participation, scholarship, and fellowship programs; research initiatives in the medical and physical sciences; environmental assessments of government and industrial nuclear facilities; and hazardous materials training programs.

## *Setting the Standard*

ORISE offers an integrated, scientific approach to basic research, applied research and analysis, technical assistance and assessment, education and training, and program management. Our programs provide high-quality, flexible, and responsive assistance to our clients. We focus on thoroughly understanding problems; assembling specialists and support staff from within ORISE, the DOE contractor system, and universities to develop solutions; and helping clients apply the results.

ORISE is committed to ensuring that research and innovation serve the needs of individuals and society. We believe that research and development are the keys to resolving problems that constrain us and to exploring new opportunities for our future.

For more information about ORISE and its programs, please visit:

**[www.ornl.gov/orise.htm](http://www.ornl.gov/orise.htm)**



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# **Faculty Opportunities**

# ***Faculty Environmental Management Participation at the U.S. Army Environmental Center***

- Description: opportunities to participate in environmental projects involving cultural and natural resources restoration, compliance, conservation, pollution prevention, validation, demonstration, technology transfer, quality assurance and quality control, training, information management and reporting, and related issues
- Discipline(s): archaeology, biology, chemistry, ecology, engineering, entomology, environmental sciences, forestry, history, information sciences, plant pathology, wildlife biology, zoology, related scientific disciplines
- Eligibility: college or university full-time faculty; U.S. citizens
- Location(s): U.S. Army Environmental Center (Aberdeen Proving Ground, Maryland) and other approved locations
- Duration: 10 weeks to three months; some sabbatical appointments; full-time or part-time appointments; renewable
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: negotiable stipend based on regular salary; limited travel reimbursement (round-trip transportation expenses between facility and home or campus)
- Funding source(s): U.S. Army Environmental Center
- Contact(s): Joanne Rasnake  
Project Manager  
Joanne.Rasnake@apg.amedd.army.mil  
(410) 436-7257
- Jody Osborne  
Recruiter  
Joanna.Osborne@apg.amedd.army.mil  
(410) 436-7258

## ***Faculty Internship at the U.S. Army Center for Health Promotion and Preventive Medicine***

- Description: opportunities to participate in applied clinical research in areas such as occupational and environmental health engineering, entomology, ionizing and nonionizing radiation, health promotion, industrial hygiene and worksite hazards, ergonomics, environmental sanitation and hygiene, laboratory science, chemistry, biology, toxicology, health physics, environmental health risk assessment and risk communication, and related projects
- Discipline(s): biological sciences, chemistry, entomology, environmental/civil/mechanical engineering, environmental sciences, industrial hygiene, medical sciences, physical sciences, toxicology
- Eligibility: college or university full-time faculty; U.S. citizens
- Location(s): U.S. Army Center for Health Promotion and Preventive Medicine (Aberdeen Proving Ground, Maryland) and other approved locations
- Duration: 10 weeks to one year; some sabbatical appointments; full-time or part-time appointments; renewable
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: negotiable stipend based on regular salary; limited travel reimbursement (round-trip transportation expenses between facility and home or campus)
- Funding source(s): U.S. Army Center for Health Promotion and Preventive Medicine
- Contact(s): Joanne Rasnake  
Project Manager  
Joanne.Rasnake@apg.amedd.army.mil  
(410) 436-7257
- Jody Osborne  
Recruiter  
Joanna.Osborne@apg.amedd.army.mil  
(410) 436-7258

## ***Faculty Research Participation at the Air Force Research Laboratory, Materials Directorate, Tyndall Air Force Base***

- Description: opportunities to participate in research, development, test, and evaluation projects
- Discipline(s): biological sciences, computer sciences, engineering, environmental sciences, physical sciences, related scientific disciplines
- Eligibility: college or university full-time faculty; U.S. citizens preferred
- Location(s): Air Force Research Laboratory (AFRL) Materials Directorate (Tyndall Air Force Base, Florida)
- Duration: 10 weeks to one year; some sabbatical appointments; full-time appointments; renewable
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: negotiable stipend based upon regular salary; limited travel reimbursement (round trip transportation expenses between facility and home or campus)
- Funding source(s): Air Force Research Laboratory Materials Directorate, Tyndall Air Force Base
- Contact(s): Sharon Kern  
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kerns@orau.gov  
(865) 576-9361
- Betty Bowling  
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bowlingb@orau.gov  
(865) 576-8503

## ***Faculty Research Participation at the Centers for Disease Control and Prevention***

- Description: opportunities to conduct research on infectious diseases, environmental health, epidemiology, or occupational safety and health
- Discipline(s): communications, economics, environmental health, epidemiology, health sciences, life sciences, medical sciences, occupational safety and health, physical sciences, related scientific disciplines
- Eligibility: college or university full-time faculty
- Location(s): Centers for Disease Control and Prevention (Atlanta, Georgia and Morgantown, West Virginia)
- Duration: 10 weeks to three months; some sabbatical appointments up to one year; full-time or part-time appointments
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: negotiable stipend based on regular salary
- Funding source(s): Centers for Disease Control and Prevention
- Contact(s): Linda McCamant  
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(865) 576-1089
- Mona Carrasco  
Program Specialist  
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(865) 576-3383

## ***Faculty Research Participation at the Federal Bureau of Investigation, Counterterrorism/Forensic Science Research Unit***

- Description: opportunities to participate in advancement of forensic science for the Federal Bureau of Investigation Laboratory as well as federal, state, and local law enforcement agencies
- Discipline(s): forensic sciences, toxicology, all chemistry and biology subdisciplines
- Eligibility: college or university full-time faculty; U.S. citizens only
- Location(s): Federal Bureau of Investigation Academy (Quantico, Virginia)
- Duration: 10 weeks to one year; some sabbatical appointments; full-time or part-time appointments
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: negotiable stipend based on regular salary; limited reimbursement (round-trip transportation expenses between facility and home or campus)
- Funding source(s): Federal Bureau of Investigation
- Contact(s): Sharon Kern  
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(865) 576-9361
- Betty Bowling  
Program Specialist  
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(865) 576-8503

## ***Faculty Research Participation at the National Center for Toxicological Research***

- Description: opportunities to participate in research on biological effects of potentially toxic chemicals and solutions to toxicology problems that have a major impact on human health and the environment
- Discipline(s): biological sciences, chemistry, computer sciences, mathematics, medicine, pharmacology, toxicology, related scientific disciplines
- Eligibility: college or university full-time faculty
- Location(s): National Center for Toxicological Research  
(Jefferson, Arkansas)
- Duration: 10 weeks to three months; some sabbatical appointments
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: negotiable stipend based on regular salary; limited travel reimbursement (round-trip transportation expenses between facility and home or campus)
- Funding source(s): U.S. Food and Drug Administration
- Contact(s): Linda McCamant  
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mccamanL@orau.gov  
(865) 576-1089
- Sherry Warren Edwards  
Program Specialist  
warrens@orau.gov  
(865) 576-7385

# ***Faculty Research Participation at the U.S. Air Force Institute for Environment, Safety and Occupational Health Risk Analysis***

- Description: opportunities to participate in research in such areas as environmental health engineering, occupational and environmental health, industrial hygiene and worksite hazards, psychology, and laboratory services
- Discipline(s): engineering, environmental sciences, health sciences, life sciences, physical sciences, related scientific disciplines
- Eligibility: college or university full-time faculty; U.S. citizens
- Location(s): Brooks Air Force Base (San Antonio, Texas) and other approved locations
- Duration: 10 weeks to one year; some sabbatical appointments; full-time or part-time appointments; renewable
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: negotiable stipend based upon regular salary; limited travel reimbursement (round trip transportation expenses between facility and home or campus)
- Funding source(s): U.S. Air Force Institute for Environment, Safety and Occupational Health Risk Analysis
- Contact(s): Sharon Kern  
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(865) 576-9361
- Betty Bowling  
Program Specialist  
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(865) 576-8503

## ***Faculty Research Participation at the U.S. Army Central Identification Laboratory, Hawaii***

- Description: opportunities to participate in research to locate, exhume, and identify the remains of individuals killed during military service
- Discipline(s): anthropology, DNA identification, forensic anthropology, forensic dentistry, related scientific disciplines
- Eligibility: college or university full-time faculty; U.S. citizens preferred
- Location(s): Central Identification Laboratory (Hickam Air Force Base, Hawaii)
- Duration: 10 weeks to one year; some sabbatical appointments; full-time appointments; renewable
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: negotiable stipend based on regular salary; limited travel reimbursement (round-trip transportation expenses between facility and home or campus)
- Funding source(s): U.S. Army
- Contact(s): Sharon Kern  
Project Manager  
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(865) 576-9361
- Betty Bowling  
Program Specialist  
bowlingb@orau.gov  
(865) 576-8503

## ***Faculty Research Participation at the U.S. Army Edgewood Chemical Biological Center***

Description: opportunities to participate in research and development in support of military missions

Discipline(s): biological sciences, computer sciences, engineering, environmental sciences, physical sciences, related scientific disciplines

Eligibility: college or university full-time faculty

Location(s): U.S. Army Edgewood Chemical Biological Center (Aberdeen Proving Ground, Maryland)

Duration: 10 weeks to one year; some sabbatical appointments; full-time or part-time appointments; renewable

Frequency: continuing

Awards made: number varies

Deadline(s): applications accepted on an on-going basis

Benefits: negotiable stipend based on regular salary; limited travel reimbursement (round-trip transportation expenses between facility and home or campus)

Funding source(s): U.S. Army Edgewood Chemical Biological Center

Contact(s): Joanne Rasnake  
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(410) 436-7257

Jody Osborne  
Recruiter  
Joanna.Osborne@apg.amedd.army.mil  
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## ***Faculty Research Participation at the U.S. Army Medical Research Institute of Chemical Defense***

- Description: opportunities to participate in development of medical countermeasures to chemical warfare agents
- Discipline(s): biological, medical, and physical science; related scientific disciplines
- Eligibility: college or university full-time faculty; U.S. citizens
- Location(s): U.S. Army Medical Research Institute of Chemical Defense (Aberdeen Proving Ground, Maryland)
- Duration: 10 weeks to three months; some sabbatical appointments; renewable
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: negotiable stipend based on regular salary; limited travel reimbursement
- Funding source(s): U.S. Army Medical Research Institute of Chemical Defense
- Contact(s): Joanne Rasnake  
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(410) 436-7257
- Jody Osborne  
Recruiter  
Joanna.Osborne@apg.amedd.army.mil  
(410) 436-7258

## ***Faculty Research Participation at the U.S. Army Research Laboratory***

- Description: opportunities to participate in research and technology development in engineering, mechanics, chemistry, computational modeling, science, and materials research related to enhancing the lethality and survivability of America's ground forces
- Discipline(s): physical, biological, and medical sciences; computer/information science and technology; computational modeling; materials research; and related scientific disciplines
- Eligibility: college or university full-time faculty; U.S. citizens
- Location(s): U.S. Army Research Laboratory (Aberdeen Proving Ground, Maryland) and other approved locations
- Duration: 10 weeks to one year; some sabbatical appointments; full-time or part-time appointments; renewable
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: negotiable stipend based on regular salary; limited travel reimbursement (round-trip transportation expenses between facility and home or campus)
- Funding source(s): U.S. Army Research Laboratory
- Contact(s): Joanne Rasnake  
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(410) 436-7257
- Jody Osborne  
Recruiter  
Joanna.Osborne@apg.amedd.army.mil  
(410) 436-7258

## ***Higher Education Research Experiences at Oak Ridge National Laboratory for Faculty***

- Description: opportunities to participate in on-going energy research
- Discipline(s): computer sciences, earth sciences, engineering, life sciences, mathematics, physical sciences, related scientific disciplines
- Eligibility: college or university full-time faculty; U.S. citizens or permanent residents
- Location(s): Oak Ridge National Laboratory (Oak Ridge, Tennessee)
- Duration: summer appointments 10 to 12 weeks; some sabbatical appointments six to 12 months; some intermittent appointments
- Frequency: annually
- Awards made: number varies
- Deadline(s): first Monday in February
- Benefits: stipend based on regular salary; limited travel reimbursement
- Funding source(s): Oak Ridge National Laboratory
- Contact(s): Kathy Ketner  
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ketnerk@ornl.gov  
(865) 576-3426
- Kay Ball  
Program Specialist  
ballk@ornl.gov  
(865) 576-8807

## ***Higher Education Research Experiences at Oak Ridge National Laboratory for Research Visits***

- Description: opportunities to make short, collaborative research visits to research and development facilities
- Disciplines: computer sciences, earth sciences, engineering, life sciences, mathematics, physical sciences, related scientific disciplines
- Eligibility: full-time college or university faculty and graduate students; U.S. citizens or permanent residents
- Location(s): Oak Ridge National Laboratory (Oak Ridge, Tennessee)
- Duration: one day to three weeks
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: limited reimbursement for travel and living expenses while conducting research at the laboratory
- Funding source(s): Oak Ridge National Laboratory
- Contact(s): Kathy Ketner  
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ketnerk@ornl.gov  
(865) 576-3426
- Cheryl Terry  
Program Specialist  
terryc@ornl.gov  
(865) 576-3427

## ***National Energy Technology Laboratory Faculty Research Participation Program***

- Description: opportunities to participate in on-going energy research and development
- Discipline(s): chemistry, computer science, engineering, environmental sciences, mathematics, physics, statistics
- Eligibility: college or university full-time faculty; U.S. citizens
- Location(s): National Energy Technology Laboratory (Pittsburgh, Pennsylvania and Morgantown, West Virginia)
- Duration: 10 weeks to three months; some sabbatical appointments; full-time or part-time
- Frequency: continuing
- Awards made: number varies
- Deadline(s): first Monday in February for summer appointments; other applications accepted on an on-going basis
- Benefits: negotiable stipend based on regular salary; limited travel reimbursement (round-trip transportation expenses between facility and home or campus); participants with sabbatical leave appointments are expected to have at least one-half of their salaries paid by their home institutions
- Funding source(s): National Energy Technology Laboratory
- Contact(s): Kathy Ketner  
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ketnerk@ornl.gov  
(865) 576-3426
- Kay Ball  
Program Specialist  
ballk@ornl.gov  
(865) 576-8807

## ***National Library of Medicine Faculty Research Participation Program***

- Description: opportunities to participate in on-going research and development programs
- Discipline(s): computer science, health care, library science, medical education, medical informatics, related scientific disciplines
- Eligibility: faculty or research staff members at accredited colleges, universities, or technical institutes
- Location(s): National Library of Medicine (Bethesda, Maryland); some on-campus appointments
- Duration: short-term visits; summer; sabbaticals
- Frequency: continuing
- Awards made: varies
- Deadline(s): varies
- Benefits: stipend based on degree, research area, and experience
- Funding source(s): National Library of Medicine
- Contact(s): Elizabeth Kittrell  
Project Manager  
kittrell@orau.gov  
(865) 241-3319
- Barbara Dorsey  
Sr. Program Specialist  
dorseyb@orau.gov  
(865) 576-9975

## **National Library of Medicine National Center for Biotechnology Information Scientific Visitors Program**

- Description: opportunities to participate in informatics research and training programs
- Discipline(s): biochemistry, computer science, mathematics, medical research, molecular biology, structural biology
- Eligibility: faculty, postdoctorals, and research scientists
- Location(s): National Center for Biotechnology Information (National Library of Medicine, Bethesda, Maryland)
- Duration: periodic visitations; some long-term appointments up to one year
- Frequency: continuing
- Awards made: varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: for periodic visits, limited travel reimbursement; for long-term appointments, negotiable stipends based on regular salary, research area, and experience
- Funding source(s): National Library of Medicine
- Contact(s): Elizabeth Kittrell  
Project Manager  
kittrell@ora.gov  
(865) 241-3319
- Barbara Dorsey  
Sr. Program Specialist  
dorseyb@ora.gov  
(865) 576-9975

# **National Oceanic and Atmospheric Administration Faculty Research Participation Program**

- Description: opportunities to participate in research and development relating to science, math, and engineering
- Discipline(s): engineering, life sciences, physical sciences
- Eligibility: college or university full-time faculty; U.S. citizens or permanent residents
- Location(s): National Oceanic and Atmospheric Administration headquarters (Silver Springs, Maryland) and field centers
- Duration: 10 weeks in the summer; some on-campus support to continue research begun during the summer
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: normal salary rate; limited travel reimbursement (round-trip transportation expenses between facility and home or campus)
- Funding source(s): National Oceanic and Atmospheric Administration
- Contact(s): Harold Rider  
Project Manager  
riderh@ora.gov  
(865) 576-8158

## ***Nuclear Regulatory Commission Historically Black Colleges and Universities Faculty Research Participation Program***

- Description: opportunities to participate in on-going Nuclear Regulatory Commission research and development
- Discipline(s): physical sciences, computer sciences, engineering, geosciences, health physics, mathematics, molecular/radiation biology, materials science, statistics-related nuclear material control, accounting
- Eligibility: full-time faculty from historically black colleges or universities; U.S. citizens or legal permanent residents
- Location(s): Laboratories where Nuclear Regulatory Commission research is being conducted. Some appointments at Historically Black Colleges and Universities; some campus appointments at host universities under the guidance of principal investigators who have Nuclear Regulatory Commission research grants
- Duration: 10 to 12 weeks for summer appointments; some nine-to-12 month on-campus appointments
- Frequency: annually
- Awards made: number varies
- Deadline(s): third Tuesday in January
- Benefits: stipend of \$3,800 per month or normal monthly salary rate, whichever is greater; limited travel reimbursement (round-trip transportation expenses between facility and home or campus)
- Funding source(s): U.S. Nuclear Regulatory Commission
- Contact(s): M. Elizabeth Kittrell  
Project Manager  
kittrell@orau.gov  
(865) 241-3319
- Norma Ward  
Program Specialist  
wardn@orau.gov  
(865) 576-5300

# ***Oak Ridge National Laboratory/Oak Ridge Associated Universities Historically Black Colleges and Universities and Minority Education Institutions Faculty Summer Research Program***

- Description: opportunities to collaborate on specific research projects at Oak Ridge National Laboratory to foster long-term relationships with the laboratory
- Discipline(s): physical sciences, life sciences, computer sciences, related disciplines
- Eligibility: full-time faculty at institutions of higher learning that are designated by the federal government as Historically Black Colleges and Universities, Hispanic-Serving Institutions, or Tribal Colleges and Universities
- Location(s): Oak Ridge National Laboratory (Oak Ridge, Tennessee)
- Duration: 10 weeks in summer
- Frequency: annually
- Awards made: limited number
- Deadline(s): see Web site at [www.ornl.gov/orise/edu/ornl/mei/index.htm](http://www.ornl.gov/orise/edu/ornl/mei/index.htm)
- Benefits: stipend based on academic salary; limited travel reimbursement; limited dislocation allowance
- Funding source(s): Oak Ridge National Laboratory and Oak Ridge Associated Universities
- Contact(s): Linda Holmes  
Program Manager  
(865) 576-3192  
[holmesl@ornl.gov](mailto:holmesl@ornl.gov)
- Kay Ball  
Project Specialist  
(865) 576-8807  
[ballk@ornl.gov](mailto:ballk@ornl.gov)

## ***Savannah River Site Faculty Research Participation Program***

- Description: opportunities to participate in on-going energy research
- Discipline(s): chemistry, computer sciences, engineering, environmental sciences, geology, physics
- Eligibility: college or university full-time faculty; U.S. citizens
- Location(s): Savannah River Site (Aiken, South Carolina)
- Duration: 10 weeks to three months; some sabbatical appointments; full-time or part-time
- Frequency: continuing
- Awards made: number varies
- Deadline(s): first Monday in February for summer appointments; other applications accepted on an on-going basis
- Benefits: negotiable stipend based on regular salary; limited travel reimbursement (round-trip transportation expenses between facility and home or campus); participants with sabbatical leave are expected to have at least one-half of their salaries paid by their home institutions
- Funding source(s): Savannah River Site
- Contact(s): Kathy Ketner  
Project Manager  
ketnerk@orau.gov  
(865) 576-3426
- Kay Ball  
Program Specialist  
ballk@orau.gov  
(865) 576-8807

## **University Radioactive Ion Beam Consortium**

- Description: opportunities for basic research on rare, short-lived atomic nuclei at the Holifield Radioactive Ion Beam Facility
- Discipline(s): nuclear physics, nuclear chemistry
- Eligibility: faculty members, graduate and postgraduate students, research fellows
- Location(s): Holifield Radioactive Ion Beam Facility at Oak Ridge National Laboratory (Oak Ridge, Tennessee)
- Duration: extended short-term collaboration
- Frequency: specified times, but variable
- Awards made: number varies
- Deadline(s): ask for current deadlines
- Benefits: use of sophisticated, state-of-the-art, unique experimental nuclear equipment
- Funding source(s): U.S. Department of Energy, Office of Science; University Radioactive Ion Beam member institutions
- Contact(s): H. Kennon Carter  
Program Manager  
carterk@ornl.gov  
(865) 576-2642

# **Postgraduate Opportunities**

## ***Fusion Energy Postdoctoral Research***

- Description: opportunities to participate in fusion energy research and development programs
- Discipline(s): related scientific or engineering disciplines
- Eligibility: must have completed doctoral degree within last three years
- Location(s): laboratories and contractor sites supported by the U.S. Department of Energy's Office of Fusion Energy Sciences
- Duration: one year; renewable
- Frequency: annually
- Awards made: number varies
- Deadline(s): Feb. 1
- Benefits: annual stipend of \$50,400; limited reimbursement for inbound travel, moving, and medical insurance
- Funding source(s): U.S. Department of Energy, Office of Fusion Energy Sciences
- Contact(s): Linda McCamant  
Group Manager  
mccamanL@orau.gov  
(865) 576-1089
- Mona Carrasco  
Program Specialist  
carrascr@orau.gov  
(865) 576-3383

## ***Higher Education Research Experiences at Oak Ridge National Laboratory for Students***

- Description: opportunities to participate in energy-related research
- Discipline(s): computer sciences, earth sciences, engineering, life sciences, mathematics, physical sciences, related scientific disciplines
- Eligibility: undergraduate students, post-associates, post-baccalaureates, graduate students; U.S. citizens or permanent residents
- Location(s): Oak Ridge National Laboratory (Oak Ridge, Tennessee)
- Duration: term varies with academic level; full-time or part-time
- Frequency: continuing
- Awards made: number varies
- Deadline(s): Feb. 1, June 1, Oct. 1
- Benefits: weekly stipend varies with academic level; limited travel reimbursement; housing allowance
- Funding source(s): Oak Ridge National Laboratory
- Contact(s): Kathy Ketner  
Project Manager  
ketnerk@ornl.gov  
(865) 576-3426
- Cheryl Terry  
Program Specialist  
terryc@ornl.gov  
(865) 576-3427

## ***National Energy Technology Laboratory Postgraduate Research Program***

- Description: opportunities to participate in research in advanced energy technologies and procedures
- Discipline(s): chemistry, computer science, engineering, environmental sciences, geology, mathematics, physics, statistics
- Eligibility: must have completed graduate degree within last three years
- Location(s): National Energy Technology Laboratory (Pittsburgh, Pennsylvania and Morgantown, West Virginia)
- Duration: one year; renewable
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: stipend based on research area and degree; limited reimbursement for inbound travel and moving; limited stipend supplement for medical insurance
- Funding source(s): National Energy Technology Laboratory
- Contact(s): Kathy Ketner  
Project Manager  
ketnerk@ornl.gov  
(865) 576-3426
- Kay Ball  
Program Specialist  
ballk@ornl.gov  
(865) 576-8807

## ***National Energy Technology Laboratory Professional Internship Program***

- Description: opportunities to participate in energy-related research
- Discipline(s): chemistry, computer science, engineering, environmental sciences, geology, mathematics, physics, statistics
- Eligibility: undergraduate students, post-baccalaureates, graduate students; U.S. citizens
- Location(s): National Energy Technology Laboratory (Pittsburgh, Pennsylvania and Morgantown, West Virginia)
- Duration: three to 24 consecutive months; full-time or part-time
- Frequency: continuing
- Awards made: number varies
- Deadline(s): Feb. 15, June 1, Oct. 1
- Benefits: weekly stipend; limited travel reimbursement (round-trip transportation expenses between facility and home or campus); off-campus tuition and fees may be paid
- Funding source(s): National Energy Technology Laboratory
- Contact(s): Kathy Ketner  
Project Manager  
ketnerk@ornl.gov  
(865) 576-3426
- Kay Ball  
Program Specialist  
ballk@ornl.gov  
(865) 576-8807

## ***National Library of Medicine Associate Fellowship Program***

- Description: opportunities to participate in a one- to two-year postgraduate training fellowship to prepare librarians for future leadership roles in health science libraries
- Discipline(s): library science
- Eligibility: U.S. citizens with a recent master's degree from an accredited library association school
- Location(s): National Library of Medicine (Bethesda, Maryland)
- Duration: one year; renewable
- Frequency: annually
- Awards made: eight
- Deadline(s): Feb. 14
- Benefits: annual stipend of \$38,406 to \$39,686
- Funding source(s): National Library of Medicine
- Contact: Elizabeth Kittrell  
Project Manager  
kittrell@orau.gov  
(865) 241-3319
- Barbara Dorsey  
Sr. Program Specialist  
dorseyb@orau.gov  
(865) 576-9975

## ***National Library of Medicine National Center for Biotechnology Information Scientific Visitors Program***

- Description: opportunities to participate in informatics research and training programs
- Discipline(s): biochemistry, computer science, mathematics, medical research, molecular biology, structural biology
- Eligibility: faculty, postdoctorals, and research scientists
- Location(s): National Center for Biotechnology Information (National Library of Medicine, Bethesda, Maryland)
- Duration: periodic visitations; some long-term appointments up to one year
- Frequency: continuing
- Awards made: varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: for periodic visits, limited travel reimbursement; for long-term appointments, negotiable stipends based on degree, research area, and experience
- Funding source(s): National Library of Medicine
- Contact(s): Elizabeth Kittrell  
Project Manager  
kittrell@orau.gov  
(865) 241-3319
- Barbara Dorsey  
Sr. Program Specialist  
dorseyb@orau.gov  
(865) 576-9975

## ***National Library of Medicine Postdoctoral Research Participation Program***

- Description: opportunities to participate in on-going research and development programs
- Discipline(s): medical informatics, library science, medical education, health care, computer science, related scientific disciplines
- Eligibility: recent recipients of Ph.D. or medical degrees
- Location(s): National Library of Medicine (Bethesda, Maryland)
- Duration: one year; renewable
- Frequency: continuing
- Awards made: varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: stipend based on degree, research area, and experience
- Funding source(s): National Library of Medicine
- Contact(s): Elizabeth Kittrell  
Project Manager  
kittrell@orau.gov  
(865) 241-3319
- Barbara Dorsey  
Sr. Program Specialist  
dorseyb@orau.gov  
(865) 576-9975

## ***National Library of Medicine Postgraduate Student Research Participation Program***

- Description: opportunities to participate in on-going research and development programs
- Discipline(s): medical informatics, library science, medical education, health care, computer science, related scientific disciplines
- Eligibility: recent recipient of master's degree
- Location(s): National Library of Medicine (Bethesda, Maryland)
- Duration: one year; renewable
- Frequency: continuing
- Awards made: varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: stipend based on degree, research area, and experience
- Funding source(s): National Library of Medicine
- Contact(s): Elizabeth Kittrell  
Project Manager  
kittrell@orau.gov  
(865) 241-3319
- Barbara Dorsey  
Sr. Program Specialist  
dorseyb@orau.gov  
(865) 576-9975

## ***Oak Ridge National Laboratory Advanced Short-Term Research Opportunity***

- Description: opportunities to conduct research in areas that support ORNL missions in the basic and applied sciences, energy, and the environment
- Discipline(s): computer sciences, earth sciences, engineering, environmental sciences, life sciences, mathematics, physical sciences, related scientific disciplines
- Eligibility: must have completed graduate degree within last five years
- Location(s): Oak Ridge National Laboratory (Oak Ridge, Tennessee)
- Duration: six months; renewable for one period of three months
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: stipend based on research area(s) and degree; limited reimbursement for inbound travel and moving
- Funding source(s): Oak Ridge National Laboratory
- Web site: [www.ornl.gov/orise/edu/ornl/ASTRO/astrohome.htm](http://www.ornl.gov/orise/edu/ornl/ASTRO/astrohome.htm)
- Contact(s): Bonnie DeJarnette  
Program Specialist  
[dejarneb@ornl.gov](mailto:dejarneb@ornl.gov)  
(865) 241-4832

## ***Oak Ridge National Laboratory Postdoctoral Research Associates***

- Description: opportunities to participate in research in a broad range of science and engineering activities related to basic sciences, energy, and the environment
- Discipline(s): computer sciences, earth sciences, engineering, environmental sciences, life sciences, mathematics, physical sciences, related scientific disciplines
- Eligibility: must have completed a doctoral degree within last five years
- Location(s): Oak Ridge National Laboratory (Oak Ridge, Tennessee)
- Duration: one year; renewable
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: stipend based on research area(s) and degree; limited reimbursement for inbound travel and moving; benefits of full-time temporary employees of Oak Ridge Associated Universities
- Funding source(s): Oak Ridge National Laboratory
- Web site: [www.ornl.gov/orise/edu/ornl/ornl-pd/ornlpdoc.htm](http://www.ornl.gov/orise/edu/ornl/ornl-pd/ornlpdoc.htm)
- Contact(s): Bonnie DeJarnette  
Program Specialist  
[dejarneb@ornl.gov](mailto:dejarneb@ornl.gov)  
(865) 241-4832

## ***Oak Ridge National Laboratory Postmaster's Research Participation Program***

- Description: opportunities to participate in research in a broad range of science and engineering activities related to basic sciences, energy, and the environment
- Discipline(s): computer sciences, earth sciences, engineering, environmental sciences, life sciences, mathematics, physical sciences, related scientific disciplines
- Eligibility: must have completed a master's degree within last five years
- Location(s): Oak Ridge National Laboratory (Oak Ridge, Tennessee)
- Duration: one year; renewable
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: stipend based on research area and degree; limited reimbursement for inbound travel and moving; benefits of full-time temporary employees of Oak Ridge Associated Universities
- Funding source(s): Oak Ridge National Laboratory
- Web site: [www.ornl.gov/orise/edu/ornl/ornl-pm/ornlpmas.htm](http://www.ornl.gov/orise/edu/ornl/ornl-pm/ornlpmas.htm)
- Contact(s): Bonnie DeJarnette  
Program Specialist  
[dejarneb@ornl.gov](mailto:dejarneb@ornl.gov)  
(865) 241-4832

## ***Postdoctoral Environmental Management Participation at the U.S. Army Environmental Center***

- Description: opportunities to participate in environmental projects involving cultural and natural resources, restoration, compliance, conservation, pollution prevention, validation, demonstration, technology transfer, quality assurance and quality control, training, information management and reporting, and related issues
- Discipline(s): archaeology, biology, chemistry, ecology, engineering, entomology, environmental sciences, forestry, history, information sciences, plant pathology, wildlife biology, zoology, related scientific disciplines
- Eligibility: must have completed doctoral degree within the last three years; U.S. citizens
- Location(s): U.S. Army Environmental Center (Aberdeen Proving Ground, Maryland) and other approved locations
- Duration: one year; renewable
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: stipend based on research area(s) and degree; limited reimbursement for inbound travel and moving
- Funding source(s): U.S. Army Environmental Center
- Contact(s): Joanne Rasnake  
Project Manager  
Joanne.Rasnake@apg.amedd.army.mil  
(410) 436-7257
- Jody Osborne  
Recruiter  
Joanna.Osborne@apg.amedd.army.mil  
(410) 436-7258

## ***Postdoctoral Research Participation at the U.S. Army Medical Research Institute of Chemical Defense***

Description: opportunities to participate in development of medical countermeasures to chemical warfare agents

Discipline(s): biological, medical, and physical sciences, related scientific disciplines

Eligibility: must have completed doctoral degree within the last three years; U.S. citizens

Location(s): U.S. Army Medical Research Institute of Chemical Defense (Aberdeen Proving Ground, Maryland) and other approved locations

Duration: three months to one year; full-time or part-time appointments; renewable

Frequency: continuing

Awards made: number varies

Deadline(s): applications accepted on an on-going basis

Benefits: stipends based on research area(s) and academic classification

Funding source(s): U.S. Army Medical Research Institute of Chemical Defense

Contact(s): Joanne Rasnake  
Project Manager  
Joanne.Rasnake@apg.amedd.army.mil  
(410) 436-7257

Jody Osborne  
Recruiter  
Joanna.Osborne@apg.amedd.army.mil  
(410) 436-7258

## ***Postgraduate Environmental Management Participation at the U.S. Army Environmental Center***

- Description: opportunities to participate in environmental projects involving cultural and natural resources, restoration, compliance, conservation, pollution prevention, validation, demonstration, technology transfer, quality assurance and quality control, training, information management and reporting, and related issues
- Discipline(s): archaeology, biology, chemistry, ecology, engineering, entomology, environmental sciences, forestry, history, information sciences, plant pathology, wildlife biology, zoology, related scientific disciplines
- Eligibility: must have completed associate's, bachelor's, or graduate degree within the last three years; U.S. citizens
- Location(s): U.S. Army Environmental Center (Aberdeen Proving Ground, Maryland) and other approved locations
- Duration: one year; renewable
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: stipend based on research area(s) and degree; limited reimbursement for inbound travel and moving
- Funding source(s): U.S. Army Environmental Center
- Contact(s): Joanne Rasnake  
Project Manager  
Joanne.Rasnake@apg.amedd.army.mil  
(410) 436-7257
- Jody Osborne  
Recruiter  
Joanna.Osborne@apg.amedd.army.mil  
(410) 436-7258

## ***Postgraduate Internship at the Office of Water***

- Description: opportunities to participate in studies related to development and implementation of drinking water regulations
- Discipline(s): engineering, environmental sciences, physical sciences, related scientific disciplines
- Eligibility: must have completed bachelor's or graduate degree within last three years; others considered on a case-by-case basis
- Location(s): Office of Water (Cincinnati, Ohio and Washington, D.C.)
- Duration: one year; renewable
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: stipend based on research area(s) and degree; limited reimbursement for inbound travel and moving
- Funding source(s): U.S. Environmental Protection Agency, Office of Water
- Contact(s): Tom Richmond  
Project Manager  
richmont@orau.gov  
(865) 576-2194
- Debbie Alcorn  
Program Specialist  
alcornd@orau.gov  
(865) 576-3428

## ***Postgraduate Internship at the U.S. Army Center for Health Promotion and Preventive Medicine***

- Description:** opportunities to participate in applied clinical research in areas such as occupational and environmental health engineering, entomology, ionizing and nonionizing radiation, health promotion, industrial hygiene and worksite hazards, ergonomics, environmental sanitation and hygiene, laboratory sciences, chemistry, biology, toxicology, health physics, environmental health risk assessment and risk communication, and related projects
- Discipline(s):** biological sciences, chemistry, entomology, environmental/civil/mechanical engineering, environmental sciences, industrial hygiene, medical sciences, physical sciences, toxicology
- Eligibility:** must have completed doctoral degree within the last three years; U.S. citizens
- Location(s):** U.S. Army Center for Health Promotion and Preventive Medicine (Aberdeen Proving Ground, Maryland)
- Duration:** one year; renewable
- Frequency:** continuing
- Awards made:** number varies
- Deadline(s):** applications accepted on an on-going basis
- Benefits:** stipend based on research area(s); limited reimbursement for inbound travel and moving
- Funding source(s):** U.S. Army Center for Health Promotion and Preventive Medicine
- Contact(s):** Joanne Rasnake  
Project Manager  
Joanne.Rasnake@apg.amedd.army.mil  
(410) 436-7257
- Jody Osborne  
Recruiter  
Joanna.Osborne@apg.amedd.army.mil  
(410) 436-7258

## ***Postgraduate Research Participation at the Agency for Toxic Substances and Disease Registry***

- Description: opportunities to participate in research in exposure and disease registries, health investigations, public health assessments, toxicological profiles, emergency response, and health education
- Discipline(s): environmental or public health, epidemiology, medicine, pharmacology, toxicology, related scientific disciplines
- Eligibility: must have completed graduate degree within last three years; others considered on case-by-case basis
- Location(s): Agency for Toxic Substances and Disease Registry (Atlanta, Georgia)
- Duration: one year; renewable
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: stipend based on research area(s) and degree
- Funding source(s): Agency for Toxic Substances and Disease Registry (Public Health Service)
- Contact(s): Linda McCamant  
Project Manager  
mccamanL@orau.gov  
(865) 576-1089
- Tasha Powell  
Program Specialist  
powellt@orau.gov  
(865) 576-3911

## ***Postgraduate Research Participation at the Air Force Research Laboratory, Materials Directorate, Tyndall Air Force Base***

- Description: opportunities to participate in research, development, test, and evaluation projects
- Discipline(s): biological sciences, computer sciences, environmental sciences, physical sciences, engineering, related scientific disciplines
- Eligibility: must have completed doctoral degree within the last three years; U.S. citizens
- Location(s): Air Force Research Laboratory Materials Directorate (Tyndall Air Force Base, Florida)
- Duration: one year; renewable
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: stipend based on research area and degree; limited reimbursement for inbound travel and moving
- Funding source(s): Air Force Research Laboratory Materials Directorate, Tyndall Air Force Base
- Contact(s): Sharon Kern  
Project Manager  
kerns@orau.gov  
(865) 576-9361
- Betty Bowling  
Program Assistant  
bowlingb@orau.gov  
(865) 576-8503

## ***Postgraduate Research Participation at the Center for Biologics Evaluation and Research***

- Description: opportunities to participate in research concerning biologics
- Discipline(s): bioengineering, biostatistics, life sciences, medical sciences, physical sciences, related scientific disciplines
- Eligibility: must have completed graduate degree within last three years; others considered on a case-by-case basis
- Location(s): Center for Biologics Evaluation and Research (Rockville/Bethesda, Maryland)
- Duration: one year; renewable
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: stipend based on research area(s) and degree; limited reimbursement for inbound travel and moving
- Funding source(s): U.S. Food and Drug Administration
- Contact(s): Linda McCamant  
Group Manager  
mccamanL@orau.gov  
(865) 576-1089
- Sherry Warren Edwards  
Program Specialist  
warrens@orau.gov  
(865) 576-7385

## ***Postgraduate Research Participation at the Center for Devices and Radiological Health***

- Description: opportunities to participate in research concerning medical devices and radiation emissions from electronic products
- Discipline(s): biostatistics, human epidemiology, life sciences, materials sciences and engineering, medical electronics, medical imaging and computer applications, physics, related scientific disciplines
- Eligibility: must have completed graduate degree within last three years; others considered on a case-by-case basis
- Location(s): Center for Devices and Radiological Health (Rockville/Bethesda, Maryland)
- Duration: one year; renewable
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: stipend based on research area(s) and degree; limited reimbursement for inbound travel and moving
- Funding source(s): U.S. Food and Drug Administration
- Contact(s): Linda McCamant  
Project Manager  
mccamanL@orau.gov  
(865) 576-1089
- Sherry Warren Edwards  
Program Specialist  
warrens@orau.gov  
(865) 576-7385

## ***Postgraduate Research Participation at the Centers for Disease Control and Prevention***

- Description: opportunities to conduct research on infectious diseases
- Discipline(s): communications, economics, environmental health, epidemiology, health sciences, life sciences, medical sciences, occupational safety and health, physical sciences, related scientific disciplines
- Eligibility: must have completed a bachelor's or graduate degree within last three years; others considered on a case-by-case basis
- Location(s): Centers for Disease Control and Prevention (Atlanta, Georgia and Morgantown, West Virginia)
- Duration: one year; renewable
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis except for the Division of Prevention Research and Analytic Methods (contact phone number below for that deadline)
- Benefits: stipend based on research area(s) and degree
- Funding source(s): Centers for Disease Control and Prevention
- Contact(s): Linda McCamant  
Group Manager  
mccamanL@orau.gov  
(865) 576-1089
- Mona Carrasco  
Program Specialist  
carrascr@orau.gov  
(865) 576-3383

## ***Postgraduate Research Participation at the Center for Drug Evaluation and Research***

- Description: opportunities to participate in research concerning human drug products
- Discipline(s): bioengineering, biostatistics, life sciences, medical sciences, pharmacology, physical sciences, related scientific disciplines
- Eligibility: must have completed graduate degree within last three years; others considered on a case-by-case basis
- Location(s): Center for Drug Evaluation and Research (Rockville/Bethesda, Maryland)
- Duration: one year; renewable
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: stipend based on research area(s) and degree; limited reimbursement for inbound travel and moving
- Funding source(s): U.S. Food and Drug Administration
- Contact(s): Linda McCamant  
Group Manager  
mccamanL@orau.gov  
(865) 576-1089
- Sherry Warren Edwards  
Program Specialist  
warrens@orau.gov  
(865) 576-7385

## ***Postgraduate Research Participation at the Center for Food Safety and Applied Nutrition***

- Description: opportunities to participate in research concerning food and cosmetics
- Discipline(s): epidemiology, food technology, life sciences, medical sciences, nutritional pharmacology, physical sciences, related scientific disciplines
- Eligibility: must have completed graduate degree within last three years; others considered on a case-by-case basis
- Location(s): Center for Food Safety and Applied Nutrition (Washington, D.C.)
- Duration: one year; renewable
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: stipend based on research area(s) and degree; limited reimbursement for inbound travel and moving
- Funding source(s): U.S. Food and Drug Administration
- Contact(s): Linda McCamant  
Group Manager  
mccamanL@oraus.gov  
(865) 576-1089
- Sherry Warren Edwards  
Program Specialist  
warrens@oraus.gov  
(865) 576-7385

## ***Postgraduate Research Participation at the Center for Veterinary Medicine***

- Description: opportunities to participate in research concerning food additives and drugs given to animals
- Discipline(s): bioengineering, biostatistics, life sciences, veterinary medical sciences, physical sciences, related scientific disciplines
- Eligibility: must have completed graduate degree within last three years; others considered on a case-by-case basis
- Location(s): Center for Veterinary Medicine (Rockville/Bethesda, Maryland)
- Duration: one year; renewable
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: stipend based on research area(s) and degree; limited reimbursement for inbound travel and moving
- Funding source(s): U.S. Food and Drug Administration
- Contact(s): Linda McCamant  
Group Manager  
mccamanL@orau.gov  
(865) 576-1089
- Sherry Warren Edwards  
Program Specialist  
warrens@orau.gov  
(865) 576-7385

## ***Postgraduate Research Participation at the Federal Bureau of Investigation, Counterterrorism/Forensic Science Research Unit***

- Description: opportunities to participate in advancement of forensic science for the Federal Bureau of Investigation Laboratory as well as federal, state, and local law enforcement agencies
- Discipline(s): forensic sciences, toxicology, all chemistry and biology subdisciplines
- Eligibility: must have completed Ph.D. degree within the last three years; U.S. citizens only
- Location(s): Federal Bureau of Investigation Academy (Quantico, Virginia)
- Duration: one year; renewable
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: stipend based on research area and degree; limited reimbursement for inbound travel and moving
- Funding source(s): Federal Bureau of Investigation
- Contact(s): Sharon Kern  
Project Manager  
kerns@orau.gov  
(865) 576-9361
- Betty Bowling  
Program Specialist  
bowlingb@orau.gov  
(865) 576-8503

## ***Postgraduate Research Participation at the National Center for Environmental Assessment***

- Description: opportunities to participate in research related to environmental and physical sciences concerns
- Discipline(s): engineering, environmental sciences, physical sciences, related scientific disciplines
- Eligibility: must have completed bachelor's or graduate degree within the last three years; others considered on a case-by-case basis
- Location(s): National Center for Environmental Assessment (Cincinnati, Ohio)
- Duration: one year; renewable
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: stipend based on research area(s) and degree; limited reimbursement for inbound travel and moving
- Funding source(s): U.S. Environmental Protection Agency
- Contact(s): Tom Richmond  
Project Manager  
richmont@ornl.gov  
(865) 576-2194
- Debbie Alcorn  
Program Specialist  
alcorn@ornl.gov  
(865) 576-3428

## ***Postgraduate Research Participation at the National Center for Toxicological Research***

- Description: opportunities to participate in research on biological effects of potentially toxic chemicals and solutions to toxicology problems that have a major impact on human health and the environment
- Discipline(s): biological sciences, chemistry, computer sciences, mathematics, medicine, toxicology, pharmacology, related scientific disciplines
- Eligibility: must have completed graduate degree within last three years; others considered on case-by-case basis
- Location(s): National Center for Toxicological Research (Jefferson, Arkansas)
- Duration: one year; renewable
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: stipend based on research area(s) and degree
- Funding source(s): U.S. Food and Drug Administration
- Contact(s): Linda McCamant  
Group Manager  
mccamanL@oraus.gov  
(865) 576-1089
- Tasha Powell  
Program Specialist  
powellt@oraus.gov  
(865) 574-3911

## ***Postgraduate Research Participation at the National Exposure Research Laboratory***

- Description: opportunities to participate in research in environmental areas
- Discipline(s): engineering, environmental sciences, life sciences, physical sciences, related scientific disciplines
- Eligibility: must have completed bachelor's or graduate degree within the last three years; others considered on a case-by-case basis
- Location(s): National Exposure Research Laboratory (Cincinnati, Ohio)
- Duration: one year; renewable
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: stipend based on research area and degree; limited reimbursement for inbound travel and moving
- Funding source(s): U.S. Environmental Protection Agency
- Contact(s): Tom Richmond  
Project Manager  
richmont@ornl.gov  
(865) 576-2194
- Debbie Alcorn  
Program Specialist  
alcornd@ornl.gov  
(865) 576-3428

## ***Postgraduate Research Participation at the St. Louis District, U.S. Army Corps of Engineers***

- Description: opportunities to participate in research in applied anthropology including research concerning federal legislation and American archaeology; the history and status of collections curation at the national, regional, and Army installation levels; and the developing role of Native Americans, Hawaiians, and Alaskans in federal legislation
- Discipline(s): engineering, environmental sciences, life sciences, physical sciences, related scientific disciplines
- Eligibility: must have completed bachelor's or graduate degree within the last three years; others considered on a case-by-case basis; U.S. citizens
- Location(s): St. Louis District, U.S. Army Corps of Engineers (St. Louis, Missouri)
- Duration: one year; renewable
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: stipend based on research area(s) and degree; limited reimbursement for inbound travel and moving
- Funding source(s): St. Louis District, U.S. Army Corps of Engineers
- Contact(s): Sharon Kern  
Project Manager  
kerns@orau.gov  
(865) 576-9361
- Betty Bowling  
Program Assistant  
bowlingb@orau.gov  
(865) 576-8503

## ***Postgraduate Research Participation at the U.S. Air Force Institute for Environment, Safety and Occupational Health Risk Analysis***

- Description: opportunities to participate in research supportive of environmental health engineering, occupational and environmental health, industrial hygiene and worksite hazards, psychology, laboratory services
- Discipline(s): biological sciences, computer sciences, medical sciences, physical sciences, related scientific disciplines
- Eligibility: must have completed associate's, bachelor's, or graduate degree within the last three years; others considered on a case-by-case basis; U.S. citizens
- Location(s): Brooks Air Force Base (San Antonio, Texas) and other approved locations
- Duration: one year; renewable
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: stipend based on research area(s) and degree; limited reimbursement for inbound travel and moving
- Funding source(s): U.S. Air Force Institute for Environmental, Safety and Occupational Health Risk Analysis
- Contact(s): Sharon Kern  
Project Manager  
kerns@orau.gov  
(865) 576-9361
- Betty Bowling  
Program Assistant  
bowlingb@orau.gov  
(865) 576-8503

## ***Postgraduate Research Participation at the U.S. Army Central Identification Laboratory, Hawaii***

- Description: opportunities to participate in research to locate, exhume, and identify the remains of individuals killed during military service
- Discipline(s): anthropology, DNA identification, forensic anthropology, forensic dentistry, related scientific disciplines
- Eligibility: must have completed a doctoral degree within the last three years; U.S. citizens preferred
- Location(s): Central Identification Laboratory (Hickam Air Force Base, Hawaii)
- Duration: one year; renewable
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: stipend based on research area(s) and degree; limited reimbursement for inbound travel and moving
- Funding source(s): Central Identification Laboratory
- Contact(s): Sharon Kern  
Project Manager  
kerns@orau.gov  
(865) 576-9361
- Betty Bowling  
Program Assistant  
bowlingb@orau.gov  
(865) 576-8503

## ***Postgraduate Research Participation at the U.S. Army Edgewood Chemical Biological Center***

- Description: opportunities to participate in research and development in support of military missions
- Discipline(s): biological sciences, computer sciences, engineering, environmental sciences, physical sciences, related scientific disciplines
- Eligibility: must have completed doctoral degree within the last three years; U.S. citizens
- Location(s): U.S. Army Edgewood Chemical Biological Center (Aberdeen Proving Ground, Maryland)
- Duration: one year; renewable
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: stipend based on research area(s) and degree; limited reimbursement for inbound travel and moving
- Funding source(s): U.S. Army Edgewood Research Chemical Biological Center
- Contact(s): Joanne Rasnake  
Project Manager  
Joanne.Rasnake@apg.amedd.army.mil  
(410) 436-7257
- Jody Osborne  
Recruiter  
Joanna.Osborne@apg.amedd.army.mil  
(410) 436-7258

## ***Postgraduate Research Participation at the U.S. Army Medical Research Institute of Chemical Defense***

- Description: opportunities to participate in development of medical countermeasures to chemical warfare agents
- Discipline(s): biological, medical, and physical science; related scientific disciplines
- Eligibility: must have completed bachelor's or graduate degree with a minimum of 3.0 GPA (on a 4.0 grading scale) within the last three years; U.S. citizens
- Location(s): U.S. Army Medical Research Institute of Chemical Defense (Aberdeen Proving Ground, Maryland)
- Duration: one year; renewable
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: stipend based on research area(s) and degree; limited reimbursement for inbound travel and moving
- Funding source(s): U.S. Army Medical Research Institute of Chemical Defense
- Contact(s): Joanne Rasnake  
Project Manager  
Joanne.Rasnake@apg.amedd.army.mil  
(410) 436-7257
- Jody Osborne  
Recruiter  
Joanna.Osborne@apg.amedd.army.mil  
(410) 436-7258

## ***Postgraduate Research Participation at the U.S. Army Research Laboratory***

- Description:** opportunities to participate in research and technology development in such areas as engineering, mechanics, chemistry, computational modeling, science, and materials research related to enhancing the lethality and survivability of America's ground forces
- Discipline(s):** biological sciences, computer/information sciences and technology, computational modeling, materials research, medical sciences, physical sciences, related scientific disciplines
- Eligibility:** must have completed doctoral degree within the last three years; others considered on a case-by-case basis; U.S. citizens
- Location(s):** U.S. Army Research Laboratory (Aberdeen Proving Ground, Maryland) and other approved locations
- Duration:** one year; renewable
- Frequency:** continuing
- Awards made:** number varies
- Deadline(s):** applications accepted on an on-going basis
- Benefits:** stipend based on research area(s) and degree; limited reimbursement for inbound travel and moving
- Funding source(s):** U.S. Army Research Laboratory
- Contact(s):** Joanne Rasnake  
Project Manager  
Joanne.Rasnake@apg.amedd.army.mil  
(410) 436-7257
- Jody Osborne  
Recruiter  
Joanna.Osborne@apg.amedd.army.mil  
(410) 436-7258

## ***Postgraduate Research Participation at the U.S. Environmental Protection Agency, Region 5***

- Description: opportunities to participate in research related to environmental and physical science concerns
- Discipline(s): engineering, environmental sciences, physical sciences, related scientific disciplines
- Eligibility: must have completed bachelor's or graduate degree within the last three years; others considered on a case-by-case basis
- Location(s): U.S. Environmental Protection Agency (Chicago, Illinois)
- Duration: one year; renewable
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: stipend based on research area(s) and degree; limited reimbursement for inbound travel and moving
- Funding source(s): U.S. Environmental Protection Agency
- Contact(s): Tom Richmond  
Project Manager  
richmont@ora.gov  
(865) 576-2194
- Debbie Alcorn  
Program Specialist  
alcornd@ora.gov  
(865) 576-3428

## ***Savannah River Site Postgraduate Research Program***

- Description: opportunities to participate in research that complements on-going Savannah River research projects
- Discipline(s): chemistry, computer science, engineering, environmental sciences, geology, physics
- Eligibility: postgraduate or postdoctoral level; U.S. citizens
- Location(s): Savannah River Site (Aiken, South Carolina)
- Duration: one year; renewable
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: stipend based on research area and degree; limited reimbursement for inbound travel and moving
- Funding source(s): Savannah River Site
- Contact(s): Kathy Ketner  
Project Manager  
ketnerk@orau.gov  
(865) 576-3426
- Kay Ball  
Program Specialist  
ballk@orau.gov  
(865) 576-8807

## ***Savannah River Site Professional Internship Program***

- Description: opportunities to participate in energy-related and environmental research
- Discipline(s): chemistry, computer sciences, engineering, environmental sciences, geology, physics
- Eligibility: undergraduate students, post-baccalaureates, graduate students; U.S. citizens
- Location(s): Savannah River Site (Aiken, South Carolina)
- Duration: three to 24 consecutive months; full-time or part-time
- Frequency: continuing
- Awards made: number varies
- Deadline(s): Feb. 15, June 1, Oct. 1
- Benefits: weekly stipend; limited travel reimbursement (round-trip transportation expenses between facility and home or campus)
- Funding source(s): Savannah River Site
- Contact(s): Kathy Ketner  
Project Manager  
ketnerk@orau.gov  
(865) 576-3426
- Kay Ball  
Program Specialist  
ballk@orau.gov  
(865) 576-8807

## ***University Radioactive Ion Beam Consortium***

- Description: opportunities for basic research on rare, short-lived atomic nuclei at the Holifield Radioactive Ion Beam Facility
- Discipline(s): nuclear physics, nuclear chemistry
- Eligibility: faculty members, graduate and postgraduate students, research fellows
- Location(s): Holifield Radioactive Ion Beam Facility at Oak Ridge National Laboratory (Oak Ridge, Tennessee)
- Duration: extended short-term collaboration
- Frequency: specified times, but variable
- Awards made: number varies
- Deadline(s): ask for current deadlines
- Benefits: use of sophisticated, state-of-the-art, unique experimental nuclear equipment
- Funding source(s): U.S. Department of Energy, Office of Science; University Radioactive Ion Beam member institutions
- Contact(s): H. Kennon Carter  
Program Manager  
carterk@ornl.gov  
(865) 576-2642



# **Graduate and Undergraduate Student Opportunities**

# ***Civilian Radioactive Waste Management Fellowship Program***

- Description: opportunities to participate in fellowships for graduate work in fields related to the management of spent nuclear fuel and high-level radioactive wastes; application is usually made before or during the first year of graduate school
- Discipline(s): earth sciences, engineering, materials science, radiation sciences
- Eligibility: master's or doctoral students
- Participating universities: fellowship awardees must attend a university designated as a participating university in the Office of Civilian Radioactive Waste Management Fellowship program. If you are a student wanting to apply to the OCRWM program and the university you are attending isn't a participating university (call for a list of participating universities), please contact your advisor (or someone within the department) about having the university apply for participation status
- Location(s): participating universities; practicum at various U.S. Department of Energy research facilities
- Duration: one year; renewable up to four years
- Frequency: annually
- Awards made: number varies
- Deadline(s): last Monday in January
- Benefits: \$14,400 minimum stipend; additional \$300 per month during practicum; some travel expenses; tuition and fees up to \$8,000 per year
- Funding source(s): U.S. Department of Energy, Office of Civilian Radioactive Waste Management
- Contact(s): Colleen Babcock  
Program Manager  
babcockc@orau.gov  
(865) 576-9272
- Jennifer Garren  
Program Specialist  
garrenj@orau.gov  
(865) 241-2890

## ***Community College Institute***

- Description: opportunities to participate in educational training and research relating to energy production, use, conservation, and societal implications
- Discipline(s): computer sciences, earth sciences, engineering, environmental sciences, life sciences, mathematics, physical sciences, related scientific disciplines
- Eligibility: community college students; U.S. citizens or permanent residents
- Location(s): Oak Ridge National Laboratory (Oak Ridge, Tennessee)
- Duration: 10 weeks in summer appointments
- Frequency: annually
- Awards made: number varies
- Deadline(s): see DOE Web site at [www.scied.science.doe.gov](http://www.scied.science.doe.gov)
- Benefits: weekly stipend of \$400; limited travel reimbursement; limited housing allowance
- Funding source(s): U.S. Department of Energy, Office of Science
- Web site: [www.scied.science.doe.gov](http://www.scied.science.doe.gov)
- Contact(s): Cindy Musick  
Project Manager  
[Cindy.Musick@science.doe.gov](mailto:Cindy.Musick@science.doe.gov)  
(202) 586-0987
- Cheryl Terry  
Program Specialist  
[terryc@ornl.gov](mailto:terryc@ornl.gov)  
(865) 576-3427

## ***Department of Commerce Internship for Postsecondary Students***

- Description: opportunities to participate in hands-on education and training related to the Department of Commerce mission
- Discipline(s): computer sciences, engineering, life sciences, physical sciences, related business disciplines
- Eligibility: undergraduate and graduate students; U.S. citizens
- Location(s): Department of Commerce headquarters, Department of Commerce division offices, and field centers
- Duration: 10 weeks in the summer; 16 weeks during fall or spring semester
- Frequency: continuing
- Awards made: number varies
- Deadline(s): Feb. 28 for summer; July 30 for fall semester; Dec. 31 for spring semester; however, applications are accepted on an on-going basis
- Benefits: weekly stipend of \$400; dislocation allowance of \$100 per week based on appointment location; limited travel reimbursement; accidental medical expense coverage provided
- Funding source(s): Department of Commerce
- Contact(s): Milton Constantin  
Project Manager  
constanm@ora.gov  
(865) 576-7009

## ***Department of Energy Special Emphasis Program***

- Description: opportunities to participate in on-going research and related activities at the U.S. Department of Energy Office of Science
- Discipline(s): engineering, science, mathematics, project management, computer science, statistics, finance, economics, law, policy, and related disciplines
- Eligibility: undergraduate and graduate students; U.S. citizens
- Location(s): Germantown, Maryland and participating facilities
- Duration: 10 weeks; some part-time appointments
- Frequency: annually
- Awards made: number varies
- Deadline(s): third Tuesday in January
- Benefits: weekly stipend of \$500 to \$550; limited travel reimbursement (round-trip transportation expenses between facility and home or campus)
- Funding source(s): U.S. Department of Energy
- Contact(s): Elizabeth Kittrell  
Program Manager  
kittrell@ora.gov  
(865) 241-3319
- Barbara Dorsey  
Sr. Program Specialist  
dorseyb@ora.gov  
(865) 576-9975

# ***Energy Research Undergraduate Laboratory Fellowships***

**(new name – Science Undergraduate Laboratory Internships)**

- Description: opportunities to participate in research relating to energy production, use, conservation, and societal implications
- Discipline(s): computer sciences, earth sciences, engineering, environmental sciences, life sciences, mathematics, physical sciences, related scientific disciplines
- Eligibility: undergraduate students; U.S. citizens or permanent residents
- Location(s): Oak Ridge National Laboratory (Oak Ridge, Tennessee)
- Duration: 10 weeks in summer; 16 weeks during academic semester
- Deadline(s): see DOE Web site at [www.scied.science.doe.gov](http://www.scied.science.doe.gov)
- Awards made: number varies
- Benefits: weekly stipend of \$400; limited travel reimbursement; limited housing allowance
- Funding source(s): U.S. Department of Energy, Office of Science
- Web site: [www.scied.science.doe.gov](http://www.scied.science.doe.gov)
- Contact(s): Sue Ellen Walbridge  
Project Manager  
[Sue-Ellen.Walbridge@science.doe.gov](mailto:Sue-Ellen.Walbridge@science.doe.gov)  
(202) 586-7231
- Cheryl Terry  
Program Specialist  
[terryc@ornl.gov](mailto:terryc@ornl.gov)  
(865) 576-3427

# ***Federal Aviation Administration Asian American/Pacific Islander and Native American/Alaskan Native Internship Program***

Description: opportunities to participate in on-going Federal Aviation Administration research and related technologies

Discipline(s): airport security, aviation research, computer science, engineering (aerospace, computer, civil, electronic, and mechanical), law enforcement, legal and other aviation and transportation studies

Eligibility: undergraduate and graduate students; minimum GPA of 3.0; U.S. citizens

Location(s): various locations at Federal Aviation Administration facilities across the U.S.

Duration: 10 weeks in the summer; 16 weeks during semester

Frequency: annually

Awards made: number varies

Deadline(s): applications are accepted on an on-going basis

Benefits: weekly stipend of \$450; housing allowance of \$150 per week; limited travel reimbursement (round-trip transportation expenses between facility and home or campus); accidental medical insurance

Funding source(s): Federal Aviation Administration

Contact(s): Elizabeth Kittrell  
Program Manager  
kittrell@orau.gov  
(865) 241-3319

Barbara Dorsey  
Sr. Program Specialist  
dorseyb@orau.gov  
(865) 576-9975

## ***Fusion Energy Sciences Fellowship Program***

- Description: opportunities to participate in fellowships for graduate work in magnetic fusion science and engineering; application is usually made before or during first year of graduate school
- Discipline(s): physical sciences, engineering, mathematics
- Eligibility: bachelor's recipients; first-term graduates
- Location(s): participating universities with practicums at various U.S. Department of Energy research facilities
- Duration: one year; renewable for two more years
- Frequency: annually
- Awards made: number varies
- Deadline(s): Feb. 1
- Benefits: \$19,800 stipend; some travel expenses; additional \$200 per month during the practicum; tuition and fees
- Funding source(s): U.S. Department of Energy, Office of Fusion Energy Sciences
- Contact(s): Tom Richmond  
Project Manager  
richmont@orau.gov  
(865) 576-2194
- Debbie Alcorn  
Program Specialist  
alcornd@orau.gov  
(865) 576-3428

## ***Future Officer Research and Training Program***

- Description: opportunities to join on-going investigations at the Oak Ridge National Laboratory in research areas relating to energy production, use, conservation, and societal implications
- Discipline(s): computer sciences, earth sciences, engineering, life sciences, mathematics, physical sciences, related scientific disciplines
- Eligibility: undergraduate students at U.S. Naval Academy, U.S. Air Force Academy, or U.S. Military Academy
- Location(s): Oak Ridge National Laboratory (Oak Ridge, Tennessee)
- Duration: up to 10 weeks in summer
- Deadline(s): Feb. 15
- Awards made: number varies
- Benefits: see Web site at <http://www.ornl.gov/orise/edu/ornl/info-ugFORT.htm>
- Funding source(s): Oak Ridge National Laboratory and military academies
- Contact(s): Kathy Ketner  
Program Manager  
[ketnerk@ornl.gov](mailto:ketnerk@ornl.gov)  
(865) 576-3426
- Martha Hammond  
Program Specialist  
[hammondm@ornl.gov](mailto:hammondm@ornl.gov)  
(865) 576-3425

## **Great Lakes Colleges Association/ Associated Colleges of the Midwest Oak Ridge Science Semester**

- Description: opportunities to join on-going investigations at the Oak Ridge National Laboratory in research areas relating to energy production, use, conservation, and societal implications
- Discipline(s): computer sciences, earth sciences, engineering, life sciences, mathematics, physical sciences, related scientific disciplines
- Eligibility: undergraduate students at institutions belonging to either the Great Lakes Colleges Association, Inc. or the Associated Colleges of the Midwest
- Location(s): Oak Ridge National Laboratory (Oak Ridge, Tennessee)
- Duration: 16 weeks in the fall (late August through mid-December)
- Deadline(s): see Web site at [www.denison.edu/oakridge/](http://www.denison.edu/oakridge/)
- Awards made: number varies
- Benefits: weekly stipend; limited travel reimbursement, housing, academic credit offered for combination of research, coursework, and seminar series
- Funding source(s): Oak Ridge National Laboratory and Great Lakes Colleges Association, Inc./Associated Colleges of the Midwest
- Contact(s): Ron Winters  
Denison Program Director  
[winters@denison.edu](mailto:winters@denison.edu)  
(740) 587-6304
- Kathy Ketner  
ORAU Program Manager  
[ketnerk@orau.gov](mailto:ketnerk@orau.gov)  
(865) 576-3426
- Cheryl Terry  
ORAU Program Specialist  
[terryc@orau.gov](mailto:terryc@orau.gov)  
(865) 576-3427

## ***Higher Education Research Experiences at Oak Ridge National Laboratory for Law Students***

Description: opportunities to participate in research on legal aspects of energy-related techniques and procedures, national energy-related problems, and efforts related to their solutions

Discipline(s): environmental and patent law

Eligibility: law students who have completed their first year; U.S. citizens and permanent residents

Location(s): Oak Ridge National Laboratory (Oak Ridge, Tennessee)

Duration: three months in summer; some appointments during the academic year

Frequency: annually

Awards made: number varies

Deadline(s): first Monday in February

Benefits: weekly stipend of \$400; limited travel reimbursement allowance

Funding source(s): Oak Ridge National Laboratory

Contact(s): Kathy Ketner  
Project Manager  
ketnerk@ornl.gov  
(865) 576-3426

Cheryl Terry  
Program Specialist  
terryc@ornl.gov  
(865) 576-3427

## ***Higher Education Research Experiences at Oak Ridge National Laboratory for Research Visits***

- Description: opportunities to make short, collaborative research visits to research and development facilities
- Disciplines: computer sciences, earth sciences, engineering, life sciences, mathematics, physical sciences, related scientific disciplines
- Eligibility: full-time college or university faculty and graduate students; U.S. citizens or permanent residents
- Location(s): Oak Ridge National Laboratory (Oak Ridge, Tennessee)
- Duration: one day to three weeks
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: limited reimbursement for travel and living expenses while conducting research at the laboratory
- Funding source(s): Oak Ridge National Laboratory
- Contact(s): Kathy Ketner  
Project Manager  
ketnerk@ornl.gov  
(865) 576-3426
- Cheryl Terry  
Program Specialist  
terryc@ornl.gov  
(865) 576-3427

## ***Higher Education Research Experiences at Oak Ridge National Laboratory for Students***

- Description: opportunities to participate in energy-related research
- Discipline(s): computer sciences, earth sciences, engineering, life sciences, mathematics, physical sciences, related scientific disciplines
- Eligibility: undergraduate students, post-associates, post-baccalaureates, graduate students; U.S. citizens or permanent residents
- Location(s): Oak Ridge National Laboratory (Oak Ridge, Tennessee)
- Duration: term varies with academic level; full-time or part-time
- Frequency: continuing
- Awards made: number varies
- Deadline(s): Feb. 1, June 1, Oct. 1
- Benefits: weekly stipend varies with academic level; limited travel reimbursement; housing allowance
- Funding source(s): Oak Ridge National Laboratory
- Contact(s): Kathy Ketner  
Project Manager  
ketnerk@ornl.gov  
(865) 576-3426
- Cheryl Terry  
Program Specialist  
terryc@ornl.gov  
(865) 576-3427

## ***Industrial Materials for the Future***

- Description: opportunities to participate in cooperative linkages between Oak Ridge National Laboratory and universities with programs that lead to degrees or degree options in materials science and related disciplines; provides fellowships for students to complete master's-level degree, including an off-campus research appointment at Oak Ridge National Laboratory
- Discipline(s): materials science, materials engineering, metallurgical engineering, ceramic engineering
- Eligibility: graduating seniors and graduate students who have not completed their first year
- Location(s): any accredited U.S. educational institution
- Duration: one year; renewable up to 24 months
- Frequency: annually
- Awards made: limited number
- Deadline(s): last day of February
- Benefits: tuition and fees up to \$6,000 per year; \$1,200 per month in stipend; \$300/month dislocation allowance during research appointment
- Funding source(s): Conservation and Renewable Energy, Office of Industrial Technologies
- Contact(s): Kathy Ketner  
Project Manager  
ketnerk@ornl.gov  
(865) 576-3426
- Cheryl Terry  
Program Specialist  
terryc@ornl.gov  
(865) 576-3427

## ***National Energy Technology Laboratory Professional Internship Program***

- Description: opportunities to participate in energy-related research
- Discipline(s): chemistry, computer science, engineering, environmental sciences, geology, mathematics, physics, statistics
- Eligibility: undergraduate students, post-baccalaureates, graduate students; U.S. citizens
- Location(s): National Energy Technology Laboratory (Pittsburgh, Pennsylvania and Morgantown, West Virginia)
- Duration: three to 24 consecutive months; full-time or part-time
- Frequency: continuing
- Awards made: number varies
- Deadline(s): Feb. 15, June 1, Oct. 1
- Benefits: weekly stipend; limited travel reimbursement (round-trip transportation expenses between facility and home or campus); off-campus tuition and fees may be paid
- Funding source(s): National Energy Technology Laboratory
- Contact(s): Kathy Ketner  
Project Manager  
ketnerk@ornl.gov  
(865) 576-3426
- Kay Ball  
Program Specialist  
ballk@ornl.gov  
(865) 576-8807

# ***National Oceanic and Atmospheric Administration Educational Partnership Program with Minority Serving Institutions Undergraduate Scholarship***

- Description: provides scholarships and internship experiences for junior and senior year students attending minority serving institutions pursuing degrees in areas related to the National Oceanic and Atmospheric Administration
- Discipline(s): atmospheric science, biology, cartography, chemistry, computer science, engineering, environmental science, geodesy, geography, marine science, mathematics, meteorology, photogrammetry, physical science, physics, remote sensing
- Eligibility: hold a junior or senior class status at a minority serving institution
- Location(s): minority serving institutions, including Hispanic Serving Institutions, Historically Black Colleges and Universities, and Tribal Colleges and Universities; internship assignments at National Oceanic and Atmospheric Administration sites
- Duration: two years
- Frequency: annually
- Awards made: 10
- Deadline(s): January
- Benefits: tuition and fees paid (\$4,000 maximum); weekly stipend during internship of \$650
- Funding source(s): National Oceanic and Atmospheric Administration
- Contact(s): Colleen Babcock  
Program Manager  
babcockc@oraу.gov  
(865) 576-9272
- Rose Etta Cox  
Program Specialist  
coxre@oraу.gov  
(865) 576-9279

## ***National Oceanic and Atmospheric Administration Student Research Participation***

- Description: opportunities to participate in research and development relating to science, math, and engineering
- Discipline(s): business, computer sciences, engineering, life sciences, physical sciences
- Eligibility: undergraduate students, graduate students; U.S. citizens or permanent residents
- Location(s): National Oceanic and Atmospheric Administration headquarters (Silver Spring, Maryland) and field centers
- Duration: 10 weeks in the summer
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: weekly stipend of \$420 to \$515, depending on academic classification; limited travel reimbursement (round-trip transportation expenses between facility and home or campus)
- Funding source(s): National Oceanic and Atmospheric Administration
- Contact(s): Harold Rider  
Project Manager  
riderh@ora.gov  
(865) 576-8158
- Norma Ward  
Program Specialist  
wardn@ora.gov  
(865) 576-5300

# **National Science Foundation Graduate Research Fellowships**

- Description: opportunities to participate in graduate fellowships in science, mathematics, and engineering, including awards offered for women in engineering and computer and information science. Fellowships are awarded for graduate study leading to research-based master's or doctoral degrees
- Discipline(s): science, math, and engineering
- Eligibility: must be a U.S. citizen or national or permanent resident of the United States
- Location(s): any appropriate, accredited, nonprofit U.S. institution or appropriate international institution of higher education offering advanced degrees in science, mathematics, or engineering
- Duration: three years usable over a period of five years
- Frequency: annually
- Awards made: approximately 900 new fellowships
- Deadline(s): Nov. 7, 2002
- Benefits: \$21,500 stipend for 12-month tenures; cost-of-education allowance of \$10,500 per tenure year; \$1,000 international research travel allowance is also available
- Funding source(s): National Science Foundation
- Contact(s): Jeannette Bouchard  
NSF Operations Manager  
nsfgrfp@orau.gov  
Toll free: (866) 353-0905

## ***Nuclear Regulatory Commission Graduate Fellowship Program***

- Description: opportunities for students who are interested in pursuing graduate studies and careers in the disciplines directly aligned with Nuclear Regulatory Commission (NRC) critical skill needs
- Discipline(s): engineering, health physics, and other related scientific disciplines
- Eligibility: U.S. citizenship; naturalized citizens are required to have lived in and have been employed in the U.S. for at least the last five years; be interested in an engineering or scientific career with the NRC; have or are completing a bachelor's degree in a scientific or technical field; have an overall G.P.A. of 2.9 (successful candidates typically have a G.P.A. in their major of 3.5 or higher). In addition, to be appointed to the fellowship, selected applicants must: successfully complete at least nine months of work orientation period with the NRC before starting (or returning to) graduate school (NRC employees and cooperative education participants may have already fulfilled this requirement); commit to NRC employment after completion of the master's degree for two months for each month of NRC provided stipend (typically four years for a two-year graduate program); be accepted into a graduate school program of their choice that is approved by the NRC during the work orientation period. To meet NRC employment requirements, applicants appointed to this program must qualify for a security clearance
- Location(s): work orientation at NRC headquarters or regional offices; graduate school to be determined
- Duration: two-year graduate program
- Frequency: annually
- Awards made: number varies
- Deadline(s): Dec. 1
- Benefits: monthly stipend of \$2,400, books and related expenses and full tuition and fees
- Funding source(s): Nuclear Regulatory Commission
- Contact(s): Milton Constantin                      Pat Pressley  
Project Manager                      Program Specialist  
constanm@orau.gov                      presslep@orau.gov  
(865) 576-7009                      (865) 576-3409

# ***Nuclear Regulatory Commission Historically Black Colleges and Universities Student Research Participation Program***

- Description: opportunities to participate in on-going Nuclear Regulatory Commission research and development
- Discipline(s): computer science, engineering, earth or geosciences, health physics, materials science, mathematics, molecular/radiation biology, performance and risk assessments, physical sciences, statistics related to nuclear material control and accounting
- Eligibility: undergraduate and graduate students from Historically Black Colleges and Universities; U.S. citizens or legal permanent residents
- Location(s): laboratories where Nuclear Regulatory Commission research is being conducted; some appointments on Historically Black Colleges and Universities campuses; some appointments at host universities under the guidance of principal investigators who have Nuclear Regulatory Commission research grants
- Duration: 10 to 12 weeks for summer appointments; some part-time appointments of one year
- Frequency: annually
- Awards made: number varies
- Deadline(s): third Tuesday in January
- Benefits: weekly stipend of \$500 to \$600; limited travel reimbursement (round-trip transportation expenses between facility and home or campus)
- Funding source(s): Nuclear Regulatory Commission
- Contact(s): Elizabeth Kittrell  
Project Manager  
kittrell@orau.gov  
(865) 241-3319
- Norma Ward  
Program Specialist  
wardn@orau.gov  
(865) 576-5300

## ***Office of Biological and Environmental Research Global Change Education Program***

- Description: opportunities to participate in research areas related to global change
- Discipline(s): atmospheric sciences, ecology, global carbon cycles, climatology, terrestrial processes
- Eligibility: college juniors, seniors, and graduate students; U.S. citizens
- Location(s): U.S. Department of Energy facilities (undergraduates); U.S. Department of Energy facilities and universities (graduates)
- Duration: 10 to 12 weeks in the summer (undergraduates); three years, renewable annually (graduates)
- Frequency: annually
- Awards made: number varies
- Deadline(s): first Monday in February
- Benefits: vary
- Funding source(s): U.S. Department of Energy, Office of Biological and Environmental Research
- Contact(s): Milton Constant  
Program Manager  
constanm@ora.gov  
(865) 576-7009
- Mary Kinney  
Program Specialist  
kinneym@ora.gov  
(865) 576-9655

## **Office of Biological and Environmental Research Minority Institutions Student Research Participation Program**

- Description:** opportunities to participate in research relating to health and the environment
- Discipline(s):** atmospheric science, biochemistry, biology, biophysics, bioremediation, biostatistics, chemistry, ecology, genetics, genomics, marine science, molecular and cellular biology, measurement science, molecular nuclear medicine, nuclear medicine, pathology, physics, physiology, radiation biology, structural biology, terrestrial sciences, toxicology, and other related life, biomedical, and environmental science disciplines
- Eligibility:** graduate students from Historically Black Colleges and Universities, Tribal Colleges, and Hispanic-Serving Institutions; U.S. citizens or legal permanent residents
- Location(s):** any of the participating multiprogram or dedicated laboratories currently funded by the U.S. Department of Energy's Office of Biological and Environmental Research: Ames Laboratory (Ames, Iowa), Argonne National Laboratory (Argonne, Illinois), Brookhaven National Laboratory (Upton, New York), Lawrence Berkeley National Laboratory (Berkeley, California), Lawrence Livermore National Laboratory (Livermore, California), Los Alamos National Laboratory (Los Alamos, New Mexico), Oak Ridge National Laboratory (Oak Ridge, Tennessee), Pacific Northwest National Laboratory (Richland, Washington), Savannah River Site (Aiken, South Carolina), Savannah River Ecology Laboratory (Aiken, South Carolina)
- Duration:** 10 weeks in summer
- Frequency:** annually
- Awards made:** number varies
- Deadline(s):** third Tuesday in January
- Benefits:** \$650 per week for graduate students; limited travel reimbursement (round-trip transportation expenses between host facility and home or campus)
- Funding source(s):** U.S. Department of Energy, Office of Biological and Environmental Research
- Contact(s):** Elizabeth Kittrell  
Project Manager  
kittrell@orau.gov  
(865) 241-3319
- Norma Ward  
Program Specialist  
wardn@orau.gov  
(865) 576-5300

## **Office of Civilian Radioactive Waste Management Historically Black Colleges and Universities Undergraduate Scholarship Program**

- Description: provides scholarships and practicum experiences for students from Historically Black Colleges and Universities pursuing degrees in areas related to the Office of Civilian Radioactive Waste Management
- Discipline(s): science, math, engineering, engineering technology, social sciences
- Eligibility: juniors and seniors at Historically Black Colleges and Universities
- Location(s): Historically Black Colleges and Universities; practicums are at U.S. Department of Energy sites conducting activities for the Office of Civilian Radioactive Waste Management
- Duration: two years
- Frequency: annually
- Awards made: 10
- Deadline(s): January
- Benefits: tuition and fees paid (\$8,000 maximum); monthly stipend of \$600
- Funding source(s): U.S. Department of Energy, Office of Civilian Radioactive Waste Management
- Contact(s): Colleen Babcock  
Program Manager  
babcockc@ora.gov  
(865) 576-9272
- Rose Etta Cox  
Program Specialist  
coxre@ora.gov  
(865) 576-9279

## ***Pre-Service Teacher Internships***

- Description: opportunities to participate in educational training and research relating to preparation for teaching K-12 science, mathematics, and technology education
- Discipline(s): science, mathematics, technology education
- Eligibility: undergraduate college students who intend to become K-12 teachers with a specialty in science, mathematics, or technology; graduate students who are in the process of becoming certified to teach science, mathematics, or technology
- Location(s): Oak Ridge National Laboratory (Oak Ridge, Tennessee)
- Duration: 10 weeks in summer
- Frequency: annually
- Awards made: limited number
- Deadline(s): see Web site at [www.scied.science.doe.gov](http://www.scied.science.doe.gov)
- Benefits: weekly stipend of \$400; limited travel reimbursement; limited housing allowance
- Funding source(s): U.S. Department of Energy, Office of Science
- Web site: [www.scied.science.doe.gov](http://www.scied.science.doe.gov)
- Contact(s): Cindy Musick  
Project Manager  
[Cindy.Musick@science.doe.gov](mailto:Cindy.Musick@science.doe.gov)  
(202) 586-0987
- Cheryl Terry  
Program Specialist  
[terryc@ornl.gov](mailto:terryc@ornl.gov)  
(865) 576-3427

## ***Savannah River Site Law Internship Program***

- Description: opportunities to participate in research on legal aspects of energy-related techniques and procedures, national energy-related problems, and efforts related to their solutions
- Discipline(s): environmental and patent law
- Eligibility: law students who have completed their first year; U.S. citizens
- Location(s): Savannah River Site (Aiken, South Carolina)
- Duration: three months in summer; some appointments during the academic year
- Frequency: annually
- Awards made: number varies
- Deadline(s): Feb. 15
- Benefits: weekly stipend; limited travel reimbursement (round-trip transportation expenses between facility and home or campus)
- Funding source(s): Savannah River Site
- Contact(s): Kathy Ketner  
Project Manager  
ketnerk@orau.gov  
(865) 576-3426
- Kay Ball  
Program Specialist  
ballk@orau.gov  
(865) 576-8807

## ***Savannah River Site Professional Internship Program***

- Description: opportunities to participate in energy-related and environmental research
- Discipline(s): chemistry, computer sciences, engineering, environmental sciences, geology, physics
- Eligibility: undergraduate students, post-baccalaureates, graduate students; U.S. citizens
- Location(s): Savannah River Site (Aiken, South Carolina)
- Duration: three to 24 consecutive months; full-time or part-time
- Frequency: continuing
- Awards made: number varies
- Deadline(s): Feb. 15, June 1, Oct. 1
- Benefits: weekly stipend; limited travel reimbursement (round-trip transportation expenses between facility and home or campus)
- Funding source(s): Savannah River Site
- Contact(s): Kathy Ketner  
Project Manager  
ketnerk@orau.gov  
(865) 576-3426
- Kay Ball  
Program Specialist  
ballk@orau.gov  
(865) 576-8807

## ***Student Environmental Management Participation for the U.S. Army Environmental Center***

- Description: opportunities to participate in environmental projects involving cultural and natural resources, restoration, compliance, conservation, pollution prevention, validation, demonstration, technology transfer, quality assurance and quality control, training, information management and reporting, and related programs
- Discipline(s): archaeology, biology, chemistry, ecology, engineering, entomology, environmental sciences, forestry, history, information sciences, plant pathology, wildlife biology, zoology, related scientific disciplines
- Eligibility: undergraduate and graduate students; U.S. citizens
- Location(s): U.S. Army Environmental Center (Aberdeen Proving Ground, Maryland) and other approved locations
- Duration: three months to one year; full-time or part-time appointments; renewable
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: stipend based on research area(s) and academic classification
- Funding source(s): U.S. Army Environmental Center
- Contact(s): Joanne Rasnake  
Project Manager  
Joanne.Rasnake@apg.amedd.army.mil  
(410) 436-7257
- Jody Osborne  
Recruiter  
Joanna.Osborne@apg.amedd.army.mil  
(410) 436-7258

## ***Student Internship at the Office of Water***

- Description: opportunities to participate in studies related to development and implementation of drinking water regulations
- Discipline(s): engineering, environmental sciences, physical sciences, related scientific disciplines
- Eligibility: must be an undergraduate or graduate student
- Location(s): Office of Water (Cincinnati, Ohio and Washington, D.C.)
- Duration: one year; renewable
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: stipend based on research area(s) and degree; limited reimbursement for inbound travel and moving
- Funding source(s): U.S. Environmental Protection Agency, Office of Water
- Contact(s): Tom Richmond  
Project Manager  
richmont@orau.gov  
(865) 576-2194
- Debbie Alcorn  
Program Specialist  
alcorn@orau.gov  
(865) 576-3428

## ***Student Internship Program at the U.S. Army Center for Health Promotion and Preventive Medicine***

- Description:** opportunities to participate in applied clinical research in areas such as occupational and environmental health engineering, entomology, ionizing and nonionizing radiation, health promotion, industrial hygiene and worksite hazards, ergonomics, environmental sanitation and hygiene, laboratory science, chemistry, biology, toxicology, health physics, environmental health risk assessment and risk communication, and related projects
- Discipline(s):** biological sciences, chemistry, entomology, environmental/civil/mechanical engineering, environmental sciences, industrial hygiene, medical sciences, physical sciences, toxicology
- Eligibility:** undergraduate and graduate students; U.S. citizens
- Location(s):** U.S. Army Center for Health Promotion and Preventive Medicine (Aberdeen Proving Ground, Maryland) and other approved locations
- Duration:** three months to one year; full-time or part-time appointments; renewable
- Frequency:** continuing
- Awards made:** number varies
- Deadline(s):** applications accepted on an on-going basis
- Benefits:** stipend based on research area(s) and academic classification
- Funding source(s):** U.S. Army Center for Health Promotion and Preventive Medicine
- Contact(s):** Joanne Rasnake  
Project Manager  
Joanne.Rasnake@apg.amedd.army.mil  
(410) 436-7257
- Jody Osborne  
Recruiter  
Joanna.Osborne@apg.amedd.army.mil  
(410) 436-7258

# ***Student Research Participation at the Agency for Toxic Substances and Disease Registry***

- Description: opportunities to participate in research relating to exposure and disease registries, health investigations, public health assessments, toxicological profiles, emergency response, and health education
- Discipline(s): biological sciences, environmental or public health, epidemiology, medical sciences, pharmacology, physical sciences, toxicology, related scientific disciplines
- Eligibility: undergraduate and graduate students
- Location(s): Agency for Toxic Substances and Disease Registry (Atlanta, Georgia)
- Duration: 10 weeks to 12 months; full-time or part-time appointments
- Frequency: continuing
- Awards made: number varies
- Deadline(s): Feb. 1
- Benefits: stipend based on research area(s) and academic classification
- Funding source(s): Agency for Toxic Substances and Disease Registry (Public Health Service)
- Contact(s): Linda McCamant  
Group Manager  
mccamanL@orau.gov  
(865) 576-9361
- Tasha Powell  
Program Specialist  
powellt@orau.gov  
(865) 574-3911

## ***Student Research Participation at the Centers for Disease Control and Prevention***

- Description: opportunities to participate in research on infectious diseases, environmental health, epidemiology, or occupational safety and health
- Discipline(s): communications, economics, environmental health, epidemiology, health sciences, life sciences, occupational safety and health, premedical sciences, physical sciences, related scientific disciplines
- Eligibility: undergraduate and graduate students
- Location(s): Centers for Disease Control and Prevention (Atlanta, Georgia and Morgantown, West Virginia)
- Duration: one month to one year; full-time or part-time appointments
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: stipend based on research area(s) and academic classification
- Funding source(s): Centers for Disease Control and Prevention
- Contact(s): Linda McCamant  
Group Manager  
mccamanL@orau.gov  
(865) 576-1089
- Mona Carrasco  
Program Specialist  
carrascr@orau.gov  
(865) 576-3383

# ***Student Research Participation at the Federal Bureau of Investigation, Counterterrorism/Forensic Science Research Unit***

- Description: opportunities to participate in advancement of forensic science for the Federal Bureau of Investigation Laboratory as well as federal, state, and local law enforcement agencies
- Discipline(s): forensic sciences, toxicology, all chemistry and biology subdisciplines
- Eligibility: undergraduate and graduate students; U.S. citizens only
- Location(s): Federal Bureau of Investigation Academy (Quantico, Virginia)
- Duration: three months to one year; renewable
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: stipend based on research area and academic classification
- Funding source(s): Federal Bureau of Investigation
- Contact(s): Sharon Kern  
Project Manager  
kerns@orau.gov  
(865) 576-9361
- Betty Bowling  
Program Specialist  
bowlingb@orau.gov  
(865) 576-8503

## ***Student Research Participation at the National Center for Toxicological Research***

- Description: opportunities to participate in research on biological effects of potentially toxic chemicals and solutions to toxicology problems that have a major impact on human health and the environment
- Discipline(s): biological sciences, chemistry, computer science, mathematics, medicine, pharmacology, toxicology, related scientific disciplines
- Eligibility: undergraduate and graduate students
- Location(s): National Center for Toxicological Research (Jefferson, Arkansas)
- Duration: 10 weeks to one year; full-time or part-time appointments
- Frequency: continuing
- Awards made: number varies
- Deadline(s): March 1 for summer appointments; applications accepted on an on-going basis for academic-year appointments
- Benefits: stipend based on research area(s) and academic classification
- Funding source(s): U.S. Food and Drug Administration
- Contact(s): Linda McCamant  
Group Manager  
mccamanL@orau.gov  
(865) 576-1089
- Tasha Powell  
Program Specialist  
powellt@orau.gov  
(865) 574-3911

## ***Student Research Participation at the U.S. Air Force Institute for Environment, Safety and Occupational Health Risk Analysis***

- Description: opportunities to participate in research related to environmental health engineering, occupational and environmental health, industrial hygiene and worksite hazards, psychology, and laboratory services
- Discipline(s): related scientific or engineering disciplines
- Eligibility: undergraduate and graduate students; U.S. citizens
- Location(s): Brooks Air Force Base (San Antonio, Texas) and other approved locations
- Duration: three months to one year; full-time or part-time appointments; renewable
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: stipend based on research area(s) and academic classification
- Funding source(s): U.S. Air Force Institute for Environment, Safety and Occupational Health Risk Analysis
- Contact(s): Sharon Kern  
Project Manager  
kerns@orau.gov  
(865) 576-9361
- Betty Bowling  
Program Specialist  
bowlingb@orau.gov  
(865) 576-8503

## ***Student Research Participation at the U.S. Army Edgewood Chemical Biological Center***

- Description: opportunities to participate in research and development in support of military missions
- Discipline(s): biological sciences, computer sciences, engineering, environmental sciences, physical sciences, related scientific disciplines
- Eligibility: undergraduate and graduate students
- Location(s): U.S. Army Edgewood Chemical Biological Center (Aberdeen Proving Ground, Maryland)
- Duration: three months to one year; full-time or part-time appointments; renewable
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: stipend based on research area(s) and degree; limited reimbursement for inbound travel and moving
- Funding source(s): U.S. Army Edgewood Research Chemical Biological Center
- Contact(s): Joanne Rasnake  
Project Manager  
Joanne.Rasnake@apg.amedd.army.mil  
(410) 436-7257
- Jody Osborne  
Recruiter  
Joanna.Osborne@apg.amedd.army.mil  
(410) 436-7258

## ***Student Research Participation at the U.S. Army Medical Research Institute of Chemical Defense***

Description: opportunities to participate in development of medical countermeasures to chemical warfare agents

Discipline(s): biological, medical, and physical sciences, related scientific disciplines

Eligibility: undergraduate and graduate students with a minimum 3.0 GPA (on a 4.0 grading scale); U.S. citizens

Location(s): U.S. Army Medical Research Institute of Chemical Defense (Aberdeen Proving Ground, Maryland) and other approved locations

Duration: three months to one year; full-time or part-time appointments; renewable

Frequency: continuing

Awards made: number varies

Deadline(s): applications accepted on an on-going basis

Benefits: stipends based on research area(s) and academic classification

Funding source(s): U.S. Army Medical Research Institute of Chemical Defense

Contact(s): Joanne Rasnake  
Project Manager  
Joanne.Rasnake@apg.amedd.army.mil  
(410) 436-7257

Jody Osborne  
Recruiter  
Joanna.Osborne@apg.amedd.army.mil  
(410) 436-7258

## ***Student Research Participation at the U.S. Army Research Laboratory***

- Description: opportunities to participate in research and technology development in such areas as engineering, mechanics, chemistry, computational modeling, science, and materials research related to enhancing the lethality and survivability of America's ground forces
- Discipline(s): biological, medical, and physical sciences; computer/information science and technology, computational modeling, materials research, related scientific disciplines
- Eligibility: undergraduate and graduate students; U.S. citizens
- Location(s): U.S. Army Research Laboratory (Aberdeen Proving Ground, Maryland) and other approved locations
- Duration: three months to one year; full-time or part-time appointments; renewable
- Frequency: continuing
- Awards made: number varies
- Deadline(s): applications accepted on an on-going basis
- Benefits: stipend based on research area(s) and academic classification
- Funding source(s): U.S. Army Research Laboratory
- Contact(s): Joanne Rasnake  
Project Manager  
Joanne.Rasnake@apg.amedd.army.mil  
(410) 436-7257
- Jody Osborne  
Recruiter  
Joanna.Osborne@apg.amedd.army.mil  
(410) 436-7258

## **University Radioactive Ion Beam Consortium**

- Description: opportunities for basic research on rare, short-lived atomic nuclei at the Holifield Radioactive Ion Beam Facility
- Discipline(s): nuclear physics, nuclear chemistry
- Eligibility: faculty members, graduate and postgraduate students, research fellows
- Location(s): Holifield Radioactive Ion Beam Facility at Oak Ridge National Laboratory (Oak Ridge, Tennessee)
- Duration: extended short-term collaboration
- Frequency: specified times, but variable
- Awards made: number varies
- Deadline(s): ask for current deadlines
- Benefits: use of sophisticated, state-of-the-art, unique experimental nuclear equipment
- Funding source(s): U.S. Department of Energy, Office of Science; University Radioactive Ion Beam member institutions
- Contact(s): H. Kennon Carter  
Program Manager  
carterk@ornl.gov  
(865) 576-2642

# **Other Courses & Training**

## ***Emergency Management Laboratory Courses***

Description: courses in all emergency management-related disciplines

- Advanced Joint Information Center Management Course
- Beyond the Traditional Tabletop Exercise
- Community Relations Under the National Environmental Policy Act
- Community Relations Under Superfund
- Comprehensive Emergency Public Information
- Consequence Assessment Training
- Crisis Management for Senior Government Officials
- Emergency Management Appraisal Training
- Emergency Management for Key Response Personnel
- Emergency Management in the Department of Energy System
- Emergency Response Drill and Exercise Primer
- Emergency Response Exercise Controller/Evaluator Training
- Hazards Assessment for Emergency Planning and Emergency Event Classification
- Health/Risk Assessments
- How to Develop an Emergency Response Exercise Package
- Natural Disaster Drill and Exercise
- Self-Assessment Training
- Spokesperson

Discipline(s): various disciplines related to emergency management

Eligibility: varies by course; typically federal, state, or local governments or government contractors

Location(s): on site

Duration: varies by course; typically one to three days

Frequency: as needed/required

Contact(s): Chip Hultquist  
Technical Director  
hultquic@orau.gov  
(865) 576-9647

## ***Medical Education and Outreach***

- Description: combined lecture and hands-on computer training courses on how to access the National Library of Medicine's HIV/AIDS and Toxicology and Environmental Health databases:
- Connecting People and Resources
  - A Click Away: Access to Reliable Health Information
  - NLM's Toxicology and Environmental Health Databases
  - The Delta Connection
  - TOXNET on the Web
- Discipline(s): environmental sciences, eco-toxicology, environmental justice, hazardous materials management and handling, health sciences, industrial hygiene, library and information sciences, life sciences, medical sciences, natural sciences, occupational health, pathology, pharmacology, physiology, risk assessment, management and communication, toxicology
- Eligibility: college faculty, staff, and administrators; health professionals (e.g., physicians, nurses, pharmacists); community leaders; and representatives from community-based organizations and state and local health agencies
- Location(s): selected Historically Black Colleges and Universities and Minority Educational Institutions across the United States
- Duration: varies by course; typically one-half to one day
- Frequency: as needed/required
- Contact(s): Rose S. Foster  
Manager, MEO  
fosterr@ora.gov  
(865) 576-9342

## ***Professional Training Programs***

Description: hands-on, laboratory-based courses in the areas of health physics, medical health physics, environmental monitoring, and radiological surveys in support of decommissioning

- Air Sampling for Radioactive Materials
- Applied Health Physics
- Environmental Monitoring
- Gamma Spectroscopy
- Health Physics for Industrial Hygienists
- Introduction to Radiation Safety
- MARSSIM
- X-Ray Physics for Inspectors

Discipline(s): radiation protection

Eligibility: varies by course

Location(s): Oak Ridge Institute for Science and Education  
(Oak Ridge, Tennessee)

Duration: varies by course

Frequency: varies by course

Contact(s): Paul Frame  
Group Leader  
framep@ornl.gov  
(865) 576-3388

Registrar  
(865) 576-3576

## ***Radiation Emergency Assistance Center/ Training Site (REAC/TS) Courses***

Description: continuing courses in responding to radiation accidents

- Handling of Radiation Accidents by Emergency Personnel
- Health Physics in Radiation Accidents
- Medical Planning and Care in Radiation Accidents

Discipline(s): medical management of radiation accidents

Eligibility: varies by course; physicians and nurses, health physicists, or state health officers

Location(s): Radiation Emergency Assistance Center/Training Site (REAC/TS), Oak Ridge Institute for Science and Education (Oak Ridge, Tennessee)

Duration: varies by course

Frequency: varies by course

Funding source(s): U.S. Department of Energy

Contact(s): Gail Mack  
Registrar  
mackg@ornl.gov  
(865) 576-3132



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