Catalog of Education and Training Programs

U.S. Department of Energy

2001 EDITION
The Oak Ridge Institute for Science and Education (ORISE) was established by the U.S. Department of Energy to undertake national and international programs in education, training, health, and the environment. ORISE and its programs are operated by Oak Ridge Associated Universities (ORAU) through a contract with the U.S. Department of Energy. Established in 1946, ORAU is a consortium of 86 colleges and 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. You need only focus on the chapter that best meets your needs.

If you already know the name of the program you are interested in, then you can refer to the Alphabetical Program Listing that starts on page 9. This list is arranged by eligibility category and includes the page numbers where the program descriptions can be found.

If you are unsure about 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. For example, behavioral sciences would be referred to page 88; and radiation sciences to page 75.

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, a phone, and a 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, point your URL to http://www.rams-fie.com. 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 Catalog of Education and Training Programs on the Internet at:

http://www.orau.gov/orise/educ.htm

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

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.

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 key to resolving problems that constrain us and to exploring new opportunities for our future.

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

http://www.orau.gov/orise.htm
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Faculty Opportunities
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description: opportunities to participate in research in environmental programs 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, Md.) and other approved locations

duration: 10 weeks to 3 months; some sabbatical appointments; full-time or part-time appointments; renewable

frequency: continuing

awards made: number varies

deadline(s): applications accepted on year-round 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 through an interagency agreement with the U.S. Department of Energy

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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, Md.) and other approved locations

duration: 10 weeks to 3 months; some sabbatical appointments; full-time or part-time appointments; renewable

frequency: continuing

awards made: number varies

deadline(s): applications accepted on year-round 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 through an interagency agreement with the U.S. Department of Energy

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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 disciplines

eligibility: college or university full-time faculty; U.S. citizens preferred

location(s): AFRL Materials Directorate (Tyndall Air Force Base, Fla.)

duration: 10 weeks to 3 months; some sabbatical appointments; full-time appointments; renewable

frequency: continuing

awards made: number varies

deadline(s): applications accepted on year-round basis

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

funding source(s): AFRL Materials Directorate, Tyndall Air Force Base through an interagency agreement with the U.S. Department of Energy

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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: Division of International Health, Division of Sexually Transmitted Diseases Prevention (Atlanta, Ga.), National Immunization Program (Atlanta, Ga.), Office of Health Communication (Atlanta, Ga.), Division of Public Health Surveillance and Informatics (Atlanta, Ga.), Division of AIDS, Sexually Transmitted Diseases, and Tuberculosis Laboratory Research (Atlanta, Ga.), Division of Environmental Health Laboratory Sciences (Atlanta, Ga.), Division of Mycotic and Bacterial Diseases (Atlanta, Ga.), Division of Parasitic Diseases (Atlanta, Ga.), Division of Prevention Research and Analytic Methods (Atlanta, Ga.), Division of Viral and Rickettsial Diseases (Atlanta, Ga.), National Institute for Occupational Safety and Health (Atlanta, Ga.; Cincinnati, Ohio; Morgantown, W. Va.; Washington, D.C.)
duration: 10 weeks to 3 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 year-round basis
benefits: negotiable stipend based on regular salary
funding source(s): Centers for Disease Control and Prevention through an interagency agreement with the U.S. Department of Energy
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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, Ark.)

duration: 10 weeks to 3 months; some sabbatical appointments

frequency: continuing

awards made: number varies

deadline(s): Applications accepted on year-round 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

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Faculty Research Participation at the Savannah River Site

description: opportunities to participate in ongoing energy research
discipline(s): computer sciences, engineering, mathematics, physical and natural sciences
eligibility: college or university full-time faculty; U.S. citizens
location(s): Savannah River Site (Aiken, S.C.)
duration: 10 weeks to 3 months; some sabbatical appointments up to 12 months
frequency: annually
awards made: number varies
deadline(s): third Tuesday in January
benefits: stipend based on regular salary; limited travel reimbursement (round-trip transportation expenses between facility and home or campus)
funding source(s): U.S. Department of Energy through the Savannah River Site
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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 3 months; some sabbatical appointments; full-time or part-time appointments; renewable

frequency: continuing

awards made: number varies

deadline(s): applications accepted on year-round 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. Air Force Institute for Environment, Safety and Occupational Health Risk Analysis through an interagency agreement with the U.S. Department of Energy

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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 3 months; some sabbatical appointments; full-time appointments; renewable

frequency: continuing

awards made: number varies

deadline(s): applications accepted on year-round basis

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

funding source(s): Central Identification Laboratory through an interagency agreement with the U.S. Department of Energy

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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; U.S. citizens
location(s): U.S. Army Edgewood Chemical Biological Center (Aberdeen Proving Ground, Md.)
duration: 10 weeks to 3 months; some sabbatical appointments; full-time or part-time appointments; renewable
frequency: continuing
awards made: number varies
deadline(s): applications accepted on year-round 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 through an interagency agreement with the U.S. Department of Energy
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Kim Haskins
Program Specialist
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Faculty Research Participation at the U.S. Army Medical Research Institute of Infectious Diseases

description: opportunities to participate in research supportive of military applications of infectious diseases and their prevention

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

eligibility: college or university full-time faculty; U.S. citizens

location(s): U.S. Army Medical Research Institute of Infectious Diseases (Fort Detrick, Md.)

duration: 10 weeks to 3 months; some sabbatical appointments; full-time or part-time appointments; renewable

frequency: continuing

awards made: number varies

deadline(s): applications accepted on year-round 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 Medical Research Institute of Infectious Diseases through an interagency agreement with the U.S. Department of Energy

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Faculty 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

disciplines: 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, Md., and other approved locations

duration: 10 weeks to 3 months; some sabbatical appointments; full-time or part-time appointments; renewable

frequency: continuing

awards made: number varies

deadline(s): applications accepted on year-round 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 through an interagency agreement with the U.S. Department of Energy

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Faculty Research Participation at the U.S. Army Research Laboratory, Weapons and Materials Research Directorate

description: opportunities to participate in research in such areas as engineering, mechanics, chemistry, computational modeling, and materials research related to enhancing the lethality and survivability of America’s ground forces

disciplines: chemistry, physics, engineering, computational modeling, materials research, related scientific disciplines

eligibility: college or university full-time faculty; U.S. citizens

location(s): U.S. Army Research Laboratory, Aberdeen Proving Ground, Md., and other approved locations

duration: 10 weeks to 3 months; some sabbatical appointments; full-time or part-time appointments; renewable

frequency: continuing

awards made: number varies

deadline(s): applications accepted on year-round 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 through an interagency agreement with the U.S. Department of Energy

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Fossil Energy Faculty Research Participation

**description:** opportunities to participate in ongoing fossil energy research and development

**discipline(s):** chemistry, chemical engineering, engineering, earth sciences, physical and natural sciences, mathematics

**eligibility:** college or university full-time faculty; U.S. citizens or permanent residents

**location(s):** National Energy Technology Laboratory (Pittsburgh, Pa. and Morgantown, W. Va.)

**duration:** 10 weeks to 3 months; some sabbatical appointments; full-time or part-time appointments

**frequency:** continuing

**awards made:** number varies

**deadline(s):** applications accepted on year-round 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):** U.S. Department of Energy, Office of Fossil Energy, through the National Energy Technology Laboratory

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Program Specialist
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Higher Education Research Experiences at Oak Ridge National Laboratory for Faculty

description: opportunities to participate in ongoing energy research
discipline(s): computer sciences, engineering, mathematics, physical and natural sciences
eligibility: college or university full-time faculty; U.S. citizens and permanent residents
location(s): Oak Ridge National Laboratory (Oak Ridge, Tenn.)
duration: summer appointments 10 to 12 weeks; some sabbatical appointments 6 to 12 months
frequency: annually
awards made: number varies
deadline(s): February 1
benefits: negotiable stipend based on regular salary; one round-trip travel reimbursement
funding source(s): Oak Ridge National Laboratory
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Kay Ball
Program Specialist
(865) 576-8807
E-mail: ballk@orau.gov
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
discipline(s): environmental sciences, health sciences, natural sciences, physical sciences, other energy-related areas of study
eligibility: full-time college or university faculty and graduate students, U.S. citizens or permanent residents
location(s): Oak Ridge National Laboratory (Oak Ridge, Tenn.)
duration: one day to three weeks
frequency: continuing
awards made: number varies
deadline(s): applications accepted on year-round basis
benefits: limited reimbursement for travel and living expenses while conducting research at the laboratory
funding source(s): Oak Ridge National Laboratory
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Cheryl Terry
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National Library of Medicine Faculty Research Participation

description: opportunities to participate in ongoing research and development programs

discipline(s): computer science, health care, library science, medical education, medical informatics, and related disciplines

eligibility: faculty or research staff members at accredited colleges, universities, or technical institutes

location(s): Bethesda, Md.; some on-campus appointments

duration: short-term visits; summer; sabbaticals

frequency: continuing

awards made: varies

deadline(s): February 28, but applications accepted on year-round basis

benefits: stipend based on degree, research area, and experience

funding source(s): National Library of Medicine

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Barbara Dorsey
Program Specialist
(865) 576-9975
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web site: www.orau.gov/orise/edu/nlm/nlmrespg.htm
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, and structural biology eligibility: faculty, postdoctoral, and research scientists location(s): National Center for Biotechnology Information at the National Library of Medicine, Bethesda, Md. duration: periodic visitations; some long-term appointments up to one year frequency: continuing awards made: varies deadline(s): applications accepted on year-round basis benefits: for periodic visits, limited travel reimbursement; for long-term appointments, negotiable stipends based on regular salary funding source(s): National Library of Medicine contact(s): Elizabeth Kittrell Project Manager (865) 241-3319 E-mail: kittrell@orau.gov Barbara Dorsey Program Specialist (865) 576-9975 E-mail: dorseyb@orau.gov

web site: www.orau.gov/orise/edu/nlm/nlmrespg.htm
National Oceanic and Atmospheric Administration Faculty Research Participation

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): NOAA headquarters 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 year-round basis
benefits: normal institution salary rate; limited travel reimbursement (round-trip transportation expenses between facility and home or campus)
funding source(s): National Oceanic and Atmospheric Administration through an interagency agreement with the U.S. Department of Energy
contact(s): Harold Rider
            Project Manager
            (865) 576-8158
            E-mail: riderh@orau.gov
Nuclear Regulatory Commission Historically Black Colleges and Universities Faculty Research Participation

description: opportunities to participate in ongoing NRC research and development
discipline(s): computer sciences, engineering, geosciences, health physics, materials science, mathematics, molecular/radiation biology, physical sciences, statistics-related nuclear material control, and accounting
eligibility: full-time faculty from historically black colleges or universities; U.S. citizens or permanent residents
location(s): laboratories where NRC research is being conducted; some appointments at HBCU campuses; some appointments at host universities under the guidance of principal investigators who have NRC research grants
duration: 10 to 12 weeks for summer appointments; some 9- to 12-month on-campus appointments
frequency: annually
awards made: number varies
deadline(s): March 15
benefits: stipend of $3,400 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 through a cooperative agreement with the U.S. Department of Energy
contact(s): Elizabeth Kittrell
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Barbara Dorsey
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(865) 576-9975
E-mail: dorseyb@orau.gov
Office of Biological and Environmental Research Minority Institutions Faculty Research Participation

description: opportunities to participate in research relating to health and the environment

discipline(s): biomedical sciences, environmental sciences, life sciences, related scientific disciplines

eligibility: full-time faculty from historically black colleges and universities; Hispanic-serving institutions and tribal colleges; U.S. citizens or permanent residents; participants must contact researcher as part of the application process

location(s): any of the participating multiprogram or dedicated laboratories currently funded by DOE, OBER: Ames Laboratory (Ames, Iowa), Argonne National Laboratory (Argonne, Ill.), Brookhaven National Laboratory (Upton, N.Y.), Ernest Orlando Lawrence Berkeley National Laboratory (Berkeley, Calif.), Lawrence Livermore National Laboratory (Livermore, Calif.), Los Alamos National Laboratory (Los Alamos, N. M.), Oak Ridge National Laboratory (Oak Ridge, Tenn.), Pacific Northwest National Laboratory (Richland, Wash.), Savannah River Site (Aiken, S.C.), Oak Ridge Institute for Science and Education (Oak Ridge, Tenn.), Savannah River Ecology Laboratory (Aiken, S.C.)

duration: 10 weeks

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. Department of Energy, Office of Biological and Environmental Research

contact(s): Elizabeth Kittrell
Project Manager
(865) 241-3319
E-mail: kittrell@orau.gov

Norma Ward
Program Specialist
(865) 576-5300
E-mail: wardn@orau.gov
**Shared Research Equipment Program**

**description:** opportunities to perform collaborative research using sophisticated microanalytical facilities in the areas of electron microscopy (transmission, scanning, analytical), atom probe field ion microscopy, and mechanical properties microanalysis

**discipline(s):** basic and applied research on energy-related materials

**eligibility:** college or university faculty

**location(s):** Oak Ridge National Laboratory (Oak Ridge, Tenn.)

**duration:** short-term use of research facilities

**frequency:** annually

**awards made:** approximately 40 per year

**deadline(s):** late September for travel support; proposals for participation accepted on year-round basis if funding is available

**benefits:** limited reimbursement for travel and living expenses while conducting research at the laboratory

**funding source(s):** U.S. Department of Energy, Office of Energy Research

**contact(s):**
- Tom Richmond
  Project Manager
  (865) 576-2194
  E-mail: richmont@orau.gov
- Mona Carrasco
  Program Specialist
  (865) 576-3383
  E-mail: carrascr@orau.gov

**web site:** www.ornl.gov/share/home.html
University Radioactive Ion Beam (UNIRIB) Consortium

description: provides 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): Oak Ridge National Laboratory (Tenn.)
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 sources: U.S. Department of Energy, Office of Energy Research; UNIRIB member institutions

contact(s): H. Kennon Carter
Program Manager
(865) 576-2642
E-mail: carterk@orau.gov
Postgraduate Opportunities
Alexander Hollaender Distinguished Postdoctoral Fellowship

description: opportunities to participate in research in energy-related life, biomedical, and environmental sciences
discipline(s): biomedical sciences, environmental sciences, life sciences, related scientific disciplines including global change, and human and microbial genome
eligibility: must have completed doctoral degree within last two years; U.S. citizens or permanent residents
location(s): Ames Laboratory (Ames, Iowa), Argonne National Laboratory (Argonne, Ill.), Brookhaven National Laboratory (Upton, N.Y.), Ernest Orlando Lawrence Berkeley National Laboratory (Berkeley, Calif.), Idaho National Engineering and Environmental Laboratory (Idaho Falls, Idaho), Lawrence Livermore National Laboratory (Livermore, Calif.), Los Alamos National Laboratory (Los Alamos, N. M.), Lovelace Respiratory Research Center (Albuquerque, N. M.), Oak Ridge National Laboratory (Oak Ridge, Tenn.), Pacific Northwest National Laboratory (Richland, Wash.), Sandia National Laboratories (Albuquerque, N. M. and Livermore, Calif.); an appointment may also be served at a host laboratory under the guidance of a principal investigator who has an active research grant from the Office of Biological and Environmental Research
duration: one year; renewable
frequency: annually
awards made: number varies
deadline(s): mid-January
benefits: first-year stipend of $37,500; limited reimbursement for inbound travel, moving, and medical insurance
funding source(s): U.S. Department of Energy, Office of Biological and Environmental Research
contact(s): Linda Holmes
            Group Manager
            (865) 576-3192
            E-mail: holmesl@orau.gov
            Kay Ball
            Program Specialist
            (865) 576-8807
            E-mail: ballk@orau.gov
web site: www.orau.gov/ober/hollaend.htm
**Fossil Energy Postgraduate Research**

- **description:** opportunities to participate in research in advanced fossil energy technologies and procedures
- **discipline(s):** chemistry, chemical engineering, earth sciences, engineering, mathematics, physical sciences
- **eligibility:** must have completed graduate degree within last three years
- **location(s):** National Energy Technology Laboratory (Pittsburgh, Pa. and Morgantown, W. Va.)
- **duration:** one year; renewable
- **frequency:** continuing
- **awards made:** number varies
- **deadline(s):** applications accepted on year-round 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):** U.S. Department of Energy, Office of Fossil Energy, through the National Energy Technology Laboratory
- **contact(s):**
  - Kathy Ketner
    - Project Manager
    - (865) 576-3426
    - E-mail: ketnerk@orau.gov
  - Kay Ball
    - Program Specialist
    - (865) 576-8807
    - E-mail: ballk@orau.gov
**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 Office of Fusion Energy Sciences

**duration:** one year; renewable

**frequency:** annually

**awards made:** number varies

**deadline(s):** February 1

**benefits:** annual stipend of $42,000; 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  
(865) 576-1089  
E-mail: mccamanl@orau.gov  

Mona Carrasco  
Program Specialist  
(865) 576-3383  
E-mail: carrascr@orau.gov
National Library of Medicine Associate Fellowship

description: 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 an ALA accredited master's degree earned by August

location(s): Bethesda, Md.
duration: one year; renewable

frequency: annually

awards made: eight

deadline(s): February 1

benefits: annual stipend of $35,310

funding source(s): National Library of Medicine through an interagency agreement with the U.S. Department of Energy

contact(s): Elizabeth Kittrell
Project Manager
(865) 241-3319
E-mail: kittrell@orau.gov

Barbara Dorsey
Program Specialist
(865) 576-9975
E-mail: dorseyb@orau.gov

web site: applications may be downloaded from www.orau.gov/nlm/nlmassoc.htm
National Library of Medicine Postdoctoral Research Participation

description: opportunities to participate in ongoing research and development programs

discipline(s): computer science, health care, library science, medical education, medical informatics, and related disciplines

eligibility: recent recipients of Ph.D. or medical degrees

location(s): Bethesda, Md.

duration: one-year appointment, renewable

frequency: continuing

awards made: varies

deadline(s): April 1 and October 1

benefits: stipend based on degree, research area, and experience

funding source(s): National Library of Medicine

contact(s): Elizabeth Kittrell
Project Manager
(865) 241-3319
E-mail: kittrell@orau.gov

Barbara Dorsey
Program Specialist
(865) 576-9975
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web site: www.orau.gov/orise/edu/nlm/nlmrespg.htm
**Oak Ridge National Laboratory Advanced Short-Term Research Opportunity**

description: opportunities to participate in research in a broad range of energy research and engineering activities

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: Oak Ridge National Laboratory (Oak Ridge, Tenn.)

duration: six months; renewable for one three-month period

frequency: continuing

awards made: number varies

deadline(s): applications accepted on year-round basis

benefits: stipend based on research area and degree

funding source(s): Oak Ridge National Laboratory

contact(s): Tom Richmond  
Project Manager  
(865) 576-2194  
E-mail: richmont@orau.gov

Bonnie DeJarnette  
Program Specialist  
(865) 241-4832  
E-mail: dejarneb@orau.gov

web site: www.orau.gov/orise/edu/postgrad/astrohome.htm
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, Tenn.)
duration: one year; renewable

frequency: continuing

awards made: number varies

deadline(s): applications accepted on year-round basis

benefits: stipend based on research area and degree; limited reimbursement for inbound travel and moving; benefits for full-time temporary employees of Oak Ridge Associated Universities

funding source(s): Oak Ridge National Laboratory

contact(s): Tom Richmond
Project Manager
(865) 576-2194
E-mail: richmont@orau.gov

Bonnie DeJarnette
Program Specialist
(865) 241-4832
E-mail: dejarneb@orau.gov

web site: www.orau.gov/orise/edu/postgrad/ornlpdoc.htm
Oak Ridge National Laboratory Post-Master’s Research Participation

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, Tenn.)
duration: one year; renewable
frequency: continuing
awards made: number varies
deadline(s): applications accepted on year-round basis
benefits: stipend based on research area and degree; limited reimbursement for inbound travel and moving; benefits for full-time temporary employees of Oak Ridge Associated Universities
funding source(s): Oak Ridge National Laboratory
contact(s): Tom Richmond
Project Manager
(865) 576-2194
E-mail: richmont@orau.gov

Bonnie DeJarnette
Program Specialist
(865) 241-4832
E-mail: dejarneb@orau.gov

web site: www.orau.gov/orise/edu/postgrad/ornlpmas.htm
Postgraduate Environmental Management Participation at the U.S. Army Environmental Center

description: opportunities to participate in research in environmental programs 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, Md.) and other approved locations

duration: one year; renewable

frequency: continuing

awards made: number varies

deadline(s): applications accepted on year-round basis

benefits: stipend based on research area and degree; limited reimbursement for inbound travel and moving

funding source(s): U.S. Army Environmental Center through an interagency agreement with the U.S. Department of Energy

contact(s): Joanne Rasnake
Project Manager
(410) 436-7257
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Kim Haskins
Program Specialist
(410) 436-7258
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Postgraduate Internship at the Office of Ground Water and Drinking 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 Ground Water and Drinking Water (Cincinnati, Ohio)
duration: one year; renewable
frequency: continuing
awards made: number varies
deadline(s): applications accepted on year-round basis
benefits: stipend based on research area and degree; limited reimbursement for inbound travel and moving
funding source(s): U.S. Environmental Protection Agency, Office of Ground Water and Drinking Water through an interagency agreement with the U.S. Department of Energy
contact(s): Tom Richmond
Project Manager
(865) 576-2194
E-mail: richmont@orau.gov
Pat Pressley
Program Specialist
(865) 576-5654
E-mail: presslep@orau.gov
**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, and 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:** must have completed associate’s, bachelor’s, or graduate degree within the last three years; U.S. citizens

**location(s):** U.S. Army Center for Health Promotion and Preventive Medicine (Aberdeen Proving Ground, Md.)

**duration:** one year; renewable

**frequency:** continuing

**awards made:** number varies

**deadline(s):** applications accepted on year-round basis

**benefits:** stipend based on research area and degree; limited reimbursement for inbound travel and moving

**funding source(s):** U.S. Army Center for Health Promotion and Preventive Medicine through an interagency agreement with the U.S. Department of Energy

**contact(s):**

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

Kim Haskins  
Program Specialist  
(410) 436-7258  
E-mail: Kim.Haskins@apg.amedd.army.mil
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, Ga.)

duration: one year; renewable

frequency: continuing

awards made: number varies

deadline(s): applications accepted on year-round basis

benefits: stipend based on research area and degree

funding source(s): Agency for Toxic Substances and Disease Registry (Public Health Service) through an interagency agreement with the U.S. Department of Energy

contact(s): Linda McCamant
Group Manager
(865) 576-1089
E-mail: mccamanl@orau.gov

Pat Pressley
Program Specialist
(865) 576-5654
E-mail: presslep@orau.gov
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): physical sciences, biological sciences, environmental sciences, computer sciences, engineering, and related disciplines

eligibility: must have completed associate, bachelor’s, or graduate degree within the last three years; others considered on a case-by-case basis; U.S. citizens preferred

location(s): AFRL Materials Directorate (Tyndall Air Force Base, Fla.)

duration: one year; renewable

frequency: continuing

awards made: number varies

deadline(s): applications accepted on year-round basis

benefits: stipend based on research area and degree; limited reimbursement for inbound travel and moving

funding source(s): AFRL Materials Directorate, Tyndall Air Force Base through an interagency agreement with the U.S. Department of Energy

contact(s): Sharon Kern
Project Manager
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Betty Bowling
Program Specialist
(865) 576-8503
E-mail: bowlingb@orau.gov
**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, Md.)

**duration:** one year; renewable

**frequency:** continuing

**awards made:** number varies

**deadline(s):** applications accepted on year-round basis

**benefits:** stipend based on research area and degree; limited reimbursement for inbound travel and moving

**funding source(s):** U.S. Food and Drug Administration

**contact(s):**

- Linda McCamant
  - Group Manager
  - (865) 576-1089
  - E-mail: mccamanl@orau.gov

- Sherry Edwards
  - Program Specialist
  - (865) 576-7385
  - E-mail: warrens@orau.gov
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, Md.)
- **duration:** one year; renewable
- **frequency:** continuing
- **awards made:** number varies
- **deadline(s):** applications accepted on year-round basis
- **benefits:** stipend based on research area and degree; limited reimbursement for inbound travel and moving
- **funding source(s):** U.S. Food and Drug Administration through an interagency agreement with the U.S. Department of Energy
- **contact(s):**
  - Linda McCamant
    Group Manager
    (865) 576-1089
    E-mail: mccamanl@orau.gov
  - Sherry Edwards
    Program Specialist
    (865) 576-7385
    E-mail: warrens@orau.gov
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, Md.)
duration: one year; renewable
duration: continuing
awards made: number varies
deadline(s): applications accepted on year-round basis
benefits: stipend based on research area and degree; limited reimbursement for inbound travel and moving
funding source(s): U.S. Food and Drug Administration
contact(s): Linda McCamant
Group Manager
(865) 576-1089
E-mail: mccamantl@orau.gov

Sherry Edwards
Program Specialist
(865) 576-7385
E-mail: warrens@orau.gov
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, nutrition, 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 year-round basis

benefits: stipend based on research area and degree; limited reimbursement for inbound travel and moving

funding source(s): U.S. Food and Drug Administration

contact(s): Linda McCamant
Group Manager
(865) 576-1089
E-mail: mccamanl@orau.gov

Sherry Edwards
Program Specialist
(865) 576-7385
E-mail: warrens@orau.gov
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): epidemiology, food technology, life sciences, veterinary medical sciences, nutrition, 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 Veterinary Medicine (Rockville/Bethesda, Md.)
duration: one year; renewable
frequency: continuing
awards made: number varies
deadline(s): applications accepted on year-round basis
benefits: stipend based on research area and degree; limited reimbursement for inbound travel and moving
funding source(s): U.S. Food and Drug Administration
contact(s): Linda McCamant
Group Manager
(865) 576-1089
E-mail: mccamanl@orau.gov
Sherry Edwards
Program Specialist
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E-mail: warrens@orau.gov
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: Division of Sexually Transmitted Diseases Prevention (Atlanta, Ga.), National Immunization Program (Atlanta, Ga.), Office of Health Communication (Atlanta, Ga.), Division of Public Health Surveillance and Informatics (Atlanta, Ga.), Division of AIDS, Sexually Transmitted Diseases, and Tuberculosis Laboratory Research (Atlanta, Ga.), Division of Environmental Health Laboratory Sciences (Atlanta, Ga.), Division of International Health (Atlanta, Ga.), Division of Media and Training Services (Atlanta, Ga.), Division of Mycotic and Bacterial Diseases (Atlanta, Ga.), Division of Parasitic Diseases (Atlanta, Ga.), Division of Prevention Research and Analytic Methods (Atlanta, Ga.), Division of Sexually Transmitted Diseases and Prevention (Atlanta, Ga.), Division of Viral and Rickettsial Diseases (Atlanta, Ga.), National Institute for Occupational Safety and Health (Atlanta, Ga.; Cincinnati, Ohio; Morgantown, W. Va.; Washington, D.C.)
duration: up to one year; renewable
duration: continuing
awards made: number varies
deadline(s): applications accepted on year-round basis except for the Division of Prevention Research and Analytic Methods (contact phone number below for that deadline)
benefits: stipend based on research area and degree
funding source(s): Centers for Disease Control and Prevention through an interagency agreement with the U.S. Department of Energy
contact(s): Linda McCamant Cheryl Guthrie
Group Manager Program Specialist
(865) 576-1089 (865) 576-4805
E-mail: mccamanl@orau.gov guthriec@orau.gov
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, Ark.)
duration: one year; renewable

frequency: continuing

awards made: number varies

deadline(s): applications accepted on year-round basis

benefits: stipend based on research area and degree

funding source(s): U.S. Food and Drug Administration

contact(s): Linda McCamant
Group Manager
(865) 576-1089
E-mail: mccamanl@orau.gov

Pat Pressley
Program Specialist
(865) 576-5654
E-mail: presslep@orau.gov
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
participants: 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 (Athens, Ga.); National Exposure Research Laboratory (Cincinnati, Ohio)
duration: one year; renewable
frequency: continuing
awards made: number varies
deadline(s): applications accepted on year-round basis
benefits: stipend based on research area and degree; limited reimbursement for inbound travel and moving
funding source(s): U.S. Environmental Protection Agency through an interagency agreement with the U.S. Department of Energy
contact(s): Tom Richmond
Project Manager
(865) 576-2194
E-mail: richmont@orau.gov

Pat Pressley
Program Specialist
(865) 576-5654
E-mail: presslep@orau.gov
**Postgraduate Research Participation at the National Risk Management Research Laboratory**

**description:** opportunities to participate in research related to environmental and physical sciences concerns

**discipline(s):** engineering, environmental sciences, physical sciences, and 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 Risk Management Research Laboratory (Cincinnati, Ohio; Research Triangle Park, N.C.; Ada, Okla.; Edison, N.J.)

**duration:** one year; renewable

**frequency:** continuing

**awards made:** number varies

**deadline(s):** applications accepted on year-round basis

**benefits:** stipend based on research area and degree; limited reimbursement for inbound travel and moving

**funding source(s):** U.S. Environmental Protection Agency through an interagency agreement with the U.S. Department of Energy

**contact(s):**
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Postgraduate Research Participation at the Savannah River Site

description: opportunities to participate in research that complements ongoing Savannah River research projects
discipline(s): computer sciences, earth sciences, engineering, physical sciences
eligibility: must have completed graduate degree within last three years; U.S. citizens
location(s): Savannah River Site (Aiken, S.C.)
duration: one year; renewable
frequency: continuing
awards made: number varies
deadline(s): applications accepted on year-round basis
benefits: stipend based on research area and degree; limited reimbursement for inbound travel and moving
funding source(s): U.S. Department of Energy through the Savannah River Site
contact(s): Kathy Ketner
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Kay Ball
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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, Mo.)
duration: one year; renewable

frequency: continuing

awards made: number varies

deadline(s): applications accepted on year-round basis

benefits: stipend based on research area and degree; limited reimbursement for inbound travel and moving

funding source(s): St. Louis District, U.S. Army Corps of Engineers through an interagency agreement with the U.S. Department of Energy

contact(s): Sharon Kern
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Betty Bowling
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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): physical sciences, biological sciences, medical sciences, computer sciences, related disciplines
eligibility: must have completed associate, 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 year-round 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 Environment, Safety and Occupational Health Risk Analysis through an interagency agreement with the U.S. Department of Energy
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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 bachelor's or graduate degree within the last three years; others considered on a case-by-case basis; 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 year-round basis

benefits: stipend based upon research area and degree; limited reimbursement for inbound travel and moving

funding source(s): Central Identification Laboratory through an interagency agreement with the U.S. Department of Energy

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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 bachelor's or graduate degree
within the last three years; U.S. citizens
location(s): U.S. Army Edgewood Chemical Biological Center
(Aberdeen Proving Ground, Md.)
duration: one year; renewable
frequency: continuing
awards made: number varies
deadline(s): applications accepted on year-round basis
benefits: stipend based on research area and degree; limited
reimbursement for inbound travel and moving
funding source(s): U.S. Army Edgewood Chemical Biological Center
through an interagency agreement with the U.S.
Department of Energy
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Postgraduate Research Participation at the
U.S. Army Garrison, Aberdeen Proving
Ground, Md., Directorate of Safety, Health and
Environment

description: opportunities to participate in research on issues related to safety, health, and the environment
discipline(s): cultural and natural resources, engineering, environmental sciences, industrial hygiene, life sciences, physical sciences, pollution prevention, 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 Garrison, Aberdeen Proving Ground, Md., Directorate of Safety, Health and Environment
duration: one year; renewable
frequency: continuing
awards made: number varies
deadline(s): applications accepted on year-round basis
benefits: stipend based on research area and degree; limited reimbursement for inbound travel and moving
funding source(s): U.S. Army Directorate of Safety, Health, and Environment through an interagency agreement with the U.S. Department of Energy
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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 sciences; 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, Md.)

duration: one year; renewable

frequency: continuing

awards made: number varies

deadline(s): applications accepted on year-round basis

benefits: stipend based on research area and degree; limited reimbursement for inbound travel and moving

funding source(s): U.S. Army Medical Research Institute of Chemical Defense through an interagency agreement with the U.S. Department of Energy

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Postgraduate Research Participation at the U.S. Army Medical Research Institute of Infectious Diseases

description: opportunities to participate in research supportive of military applications of infectious diseases and their prevention

discipline(s): biological sciences, computer sciences, medical sciences, physical sciences, and 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): U.S. Army Medical Research Institute of Infectious Diseases (Fort Detrick, Md.)

duration: one year; renewable

frequency: continuing

awards made: number varies

deadline(s): applications accepted on year-round basis

benefits: stipend based on research area and degree; limited reimbursement for inbound travel and moving

funding source(s): U.S. Army Medical Research Institute of Infectious Diseases through an interagency agreement with the U.S. Department of Energy

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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): physical, biological, and medical sciences, computer/information science and technology, computational modeling, materials research, related scientific disciplines

eligibility: must have completed associate, bachelor’s, or graduate 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, Md., and other approved locations

duration: one year; renewable

frequency: continuing

awards made: number varies

deadline(s): applications accepted on year-round 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 through an interagency agreement with the U.S. Department of Energy

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Postgraduate Research Participation at the U.S. Army Research Laboratory, Weapons and Materials Research Directorate

description: opportunities to participate in research supportive of engineering, mechanics, chemistry, computational modeling, and materials research related to enhancing the lethality and survivability of America's ground forces

discipline(s): physical sciences, biological sciences, medical sciences, computer sciences, related disciplines

eligibility: must have completed associate, bachelor's, or graduate 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, Md., and other approved locations

duration: one year; renewable

frequency: continuing

awards made: number varies

deadline(s): applications accepted on year-round 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 through an interagency agreement with the U.S. Department of Energy

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

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): U.S. Environmental Protection Agency (Chicago, Ill.)
duration: one year; renewable
frequency: continuing
awards made: number varies
deadline(s): applications accepted on year-round basis
benefits: stipend based on research area and degree; limited reimbursement for inbound travel and moving
funding source(s): U.S. Environmental Protection Agency through an interagency agreement with the U.S. Department of Energy
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Pat Pressley
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Graduate & Undergraduate Student Opportunities
Advanced Industrial Materials (AIM) Fellowship

description: establishes and maintains cooperative linkages between Oak Ridge National Laboratory (ORNL) 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 ORNL.

discipline(s): materials science, materials engineering, metallurgical engineering, and ceramic engineering

participants: African American or Native American graduating seniors and graduate students who have not completed their first year

location(s): any accredited U.S. institution

duration: 12 months; 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 stipends plus $300/month dislocation allowance during research appointment

funding source(s): Conservation and Renewable Energy, Office of Industrial Technologies

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Cheryl Terry
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Civilian Radioactive Waste Management Fellowship

description: offers 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

location(s): participating universities; practicum at various DOE 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
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Rose Etta Cox
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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 students, graduate students; U.S. citizens
location(s): DOC headquarters, DOC 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): February 26 for summer; July 30 for fall semester; December 31 for spring semester; however, applications are accepted on a year-round basis
benefits: weekly stipend of $375; dislocation allowance of $100 per week based upon appointment location; limited travel reimbursement; accidental medical expense coverage provided
funding source(s): Department of Commerce
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Department of Energy Mickey Leland Energy Fellowship Program

description: opportunities to participate in ongoing fossil energy research, technologies, and procedures
discipline(s): computer science, earth science, engineering, environmental science, mathematics, physical sciences, technical writing, and related technology
eligibility: undergraduate and first-year graduate students; minimum GPA of 2.8; U.S. citizens
duration: 10 weeks
frequency: annually
awards made: approximately 8
deadline(s): February 28
benefits: weekly stipend of $400 to $510; limited travel reimbursement (round-trip transportation expenses between facility and home or campus)
funding source(s): U.S. Department of Energy, Office of Fossil Energy
contact(s): Elizabeth Kittrell
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Barbara Dorsey
Program Specialist
(865) 576-9975
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web site: www.orau.gov/orise/edu/ug.htm
Department of Energy Student Diversity Partnership

description: opportunities to participate in ongoing research and related activities at the U.S. Department of Energy
discipline(s): computer science, economics, engineering, finance, law, mathematics, policy, project management, science, statistics, and related disciplines
eligibility: undergraduate and graduate students; U.S. citizens
location(s): Washington, D.C., and participating field sites
duration: 10 weeks
frequency: annually
awards made: approximately 50
deadline(s): February 28
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
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Barbara Dorsey
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(865) 576-9975
E-mail: dorseyb@orau.gov
web site: www.orau.gov/orise/edu/ug.htm
Energy Research Undergraduate Laboratory Fellowships (DOE)

description: opportunities to participate in research relating to energy production, use, conservation, and societal implications; limited number of nonresearch appointments at Department of Energy Headquarters

discipline(s): engineering, life sciences, mathematics, physical sciences, computer science

eligibility: undergraduate students; U.S. citizens or permanent residents

location(s): Argonne National Laboratory (Argonne, Ill.), Brookhaven National Laboratory (Upton, N.Y.), Ernest Orlando Lawrence Berkeley National Laboratory (Berkeley, Calif.), Idaho National Engineering and Environmental Laboratory (Idaho Falls, Idaho) National Renewable Energy Laboratory (Golden, Colo.), Oak Ridge National Laboratory (Oak Ridge, Tenn.), Pacific Northwest National Laboratory (Richland, Wash.), Princeton Plasma Physics Laboratory (Princeton, N.J.), Stanford Linear Accelerator Center (Stanford, Calif.), Thomas Jefferson National Accelerator Laboratory (Newport News, Va.)

duration: 10-week summer or 16-week semester appointments

frequency: three times a year

awards made: varies

deadline(s): see web site

benefits: weekly stipend of $350; limited travel reimbursement and housing allowance

funding source(s): U.S. Department of Energy, Office of Science

web site: www.orau.gov/doe_erulf
Fossil Energy Technology Internship

description: opportunities to participate in fossil energy-related research

discipline(s): chemistry, computer sciences, engineering, environmental sciences, geology, mathematics, physics, statistics

eligibility: associate’s degree students; U.S. citizens

location(s): National Energy Technology Laboratory (Pittsburgh, Pa., and Morgantown, W.Va.)

duration: 3 to 18 months; full-time or part-time appointments

frequency: continuing

awards made: approximately five per year

deadline(s): applications accepted on year-round basis

benefits: weekly stipend of $275 to $325; limited travel reimbursement (round-trip transportation expenses between facility and home or campus); off-campus tuition and fees may be paid

funding source(s): U.S. Department of Energy, Office of Fossil Energy, through the National Energy Technology Laboratory

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Cheryl Terry
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Fusion Energy Sciences Fellowship

description: offers 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: doctoral students

location(s): participating universities with practicums at various DOE research facilities

duration: one year; renewable up to three years

frequency: annually

awards made: number varies

deadline(s): last Monday in January

benefits: $18,000 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

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Higher Education Research Experiences at Oak Ridge National Laboratory for Law

- **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, Tenn.)

- **duration:** some appointments during the academic year

- **frequency:** annually

- **awards made:** number varies

- **deadline(s):** February 1

- **benefits:** weekly stipend of $400; one round-trip travel reimbursement; housing allowance

- **funding source(s):** Oak Ridge National Laboratory

- **contact(s):**
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    Project Manager
    (865) 576-3426
    E-mail: ketnerk@orau.gov
  
  - Cheryl Terry
    Program Specialist
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Higher Education Research Experiences at the Oak Ridge National Laboratory for Students

description: opportunities for students to participate in energy-related research

discipline(s): chemistry, environmental sciences, geology, hydrogeology, hydrology, chemical engineering, civil engineering, environmental engineering, mechanical engineering, computer sciences (technical database development)

eligibility: undergraduate students, postassociates, postbaccalaureates, graduate students; U.S. citizens or permanent residents

location(s): Oak Ridge National Laboratory (Oak Ridge, Tenn.)

duration: term varies with academic level; full-time or part-time appointments

frequency: continuing

awards made: number varies

deadline(s): February 15, June 1, October 1

benefits: weekly stipend varies with academic level; one round-trip travel reimbursement; housing allowance

funding source(s): Oak Ridge National Laboratory

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Institute of Biotechnology, Environmental Science, and Computing for Community Colleges (DOE)

**description:** opportunities to participate in educational training and research relating to energy production, use, conservation, and societal implications

**discipline(s):** biotechnology, computer science, and environmental science

**eligibility:** undergraduate students from a regional consortium of community colleges partnering with DOE and one of six multiprogram laboratories; U.S. citizens or permanent residents

**location(s):** Argonne National Laboratory (Argonne, Ill.), Brookhaven National Laboratory (Upton, N.Y.), Ernest Orlando Lawrence Berkeley National Laboratory (Berkeley, Calif.), National Renewable Energy Laboratory (Golden, Colo.), Oak Ridge National Laboratory (Oak Ridge, Tenn.), Pacific Northwest National Laboratory (Richland, Wash.)

**duration:** 10-week summer appointments

**frequency:** annually

**awards made:** varies

**deadline(s):** see web site

**benefits:** weekly stipend of $350; limited travel reimbursement; limited housing allowance

**funding source(s):** U.S. Department of Energy, Office of Science

**web site:** www.ornl.gov/doeccp
Law Internship

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, S.C.)

duration: three-month summer appointments; some appointments during the academic year

frequency: annually

awards made: number varies

deadline(s): February 15

benefits: weekly stipend of $585; limited travel reimbursement (round-trip transportation expenses between facility and home or campus)

funding source(s): Westinghouse Savannah River Co.

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National Library of Medicine Student Research Participation

description: opportunities to participate in ongoing research and development programs

discipline(s): computer science, health care, library science, medical education, medical informatics, related disciplines

eligibility: undergraduate and graduate students

location(s): Bethesda, Md.; some on-campus appointments

duration: summer; some year-round appointments

frequency: continuing

awards made: varies

deadline(s): April 1 and October 1

benefits: stipend based on degree, research area, and experience

funding source(s): National Library of Medicine

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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): NOAA headquarters and field centers

duration: 10 weeks in the summer

frequency: continuing

awards made: number varies

deadline(s): applications accepted on year-round basis

benefits: weekly stipend of $400 to $500, 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 through an interagency agreement with the U.S. Department of Energy

contact(s): Harold Rider
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National Science Foundation Graduate Research Fellowships

description: three-year Graduate Fellowships in science, mathematics, and engineering, including awards offered for women in engineering and computer and information science. The NSF welcomes applications from all qualified science, mathematics, or engineering students and strongly encourages women, minorities, and persons with disabilities to compete fully in this program.

discipline(s): fellowships are awarded for graduate study leading to research-based master's or doctoral degrees in the mathematical, physical, biological, behavioral and social sciences; engineering; the history of science and the philosophy of science; and for research-based Ph.D. degrees in science education.

eligibility: applicants must be U.S. citizens or nationals, or permanent residents of the United States. NSF Graduate Fellowships are intended for individuals in the early stages of their graduate study in science, mathematics, or engineering. In most cases, an individual has three opportunities to apply: during the senior year of college, the first year of graduate school, and the beginning of the second year of graduate school.

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: new fellowships to be offered in March 2001 will be for maximum tenure periods of three years usable over a five-year period.

frequency: fellowships are awarded annually.

awards made: approximately 900 new fellowships.

deadline(s): November 7, 2000.

benefits: $16,200 stipend for twelve-month tenures and a cost-of-education allowance of $10,500 per tenure year. A $1,000 one-time International Research Travel Allowance is also available under conditions specified in the Guidelines for Submission of Applications.

funding source(s): National Science Foundation.

Contact(s): Jeannette Bouchard
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web site: www.orau.org/nsf/nsffel.htm
Nuclear Regulatory Commission Historically Black Colleges and Universities Student Research Participation

description: opportunities to participate in ongoing NRC research and development

discipline(s): computer sciences, engineering, geosciences, health physics, materials science, mathematics, molecular/radiation biology, physical sciences, statistics-related nuclear material control and accounting

eligibility: undergraduate and graduate students from historically black colleges and universities; U.S. citizens or permanent residents

location(s): laboratories where NRC research is being conducted; some appointments on HBCU campuses; some appointments at host universities under the guidance of principal investigators who have NRC research grants

duration: 10 to 12 weeks for summer appointments; some one-year appointments

frequency: annually

awards made: number varies

deadline(s): March 15

benefits: weekly stipend of $400 to $500; limited travel reimbursement (round-trip transportation expenses between facility and home or campus)

funding source(s): U.S. Nuclear Regulatory Commission through a cooperative agreement with the U.S. Department of Energy

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Office of Biological and Environmental Research Global Change Education Program

description: provides research opportunities in areas related to global change
discipline(s): atmospheric sciences, climatology, ecology, global carbon cycles, and terrestrial processes
eligibility: college juniors, seniors, and graduate students; U.S. citizens
location(s): U.S. Department of Energy (DOE) facilities (undergraduates); DOE facilities and universities (graduates)
duration: 10- to 12-week summer appointments (undergraduate); three years, renewable annually (graduate)
frequency: annually
awards made: number varies
deadline(s): February 2
benefits: varies
funding source: U.S. Department of Energy, Office of Biological and Environmental Research
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           E-mail: constanm@orau.gov

           Mary Kinney
           Program Specialist
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Office of Biological and Environmental Research Minority Institutions Student Research Participation

description: opportunities to participate in research relating to health and the environment

discipline(s): biomedical sciences, environmental sciences, life sciences, related scientific disciplines

eligibility: undergraduate and graduate students from historically black colleges and universities; Hispanic-serving institutions and tribal colleges; U.S. citizens or permanent residents; participants must contact researcher as part of the application process

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, Ill.), Brookhaven National Laboratory (Upton, N.Y.), Ernest Orlando Lawrence Berkeley National Laboratory (Berkeley, Calif.), Lawrence Livermore National Laboratory (Livermore, Calif.), Los Alamos National Laboratory (Los Alamos, N. M.), Oak Ridge National Laboratory (Oak Ridge, Tenn.), Pacific Northwest National Laboratory (Richland, Wash.), Savannah River Site (Aiken, S.C.), Oak Ridge Institute for Science and Education (Oak Ridge, Tenn.), Savannah River Ecology Laboratory (Aiken, S.C.)

duration: 10 weeks in summer

frequency: annually

awards made: number varies

deadline(s): third Tuesday in January

benefits: stipend of $300 per week for undergraduate students; $1,800 per month stipend for graduate students; limited travel reimbursement (round-trip transportation expenses between facility and home or campus)

funding source(s): U.S. Department of Energy, Office of Biological and Environmental Research

contact(s): Elizabeth Kittrell  Norma Ward
            Project Manager  Program Specialist
            (865) 241-3319  (865) 576-5300
            E-mail: kittrell@orau.gov  E-mail: wardn@orau.gov
Office of Civilian Radioactive Waste Management Historically Black Colleges and Universities Undergraduate Scholarship

description: provides scholarships and practicum experience for students from historically black colleges and universities (HBCUs) pursuing degrees in areas related to the Office of Civilian Radioactive Waste Management (OCRWM)
discipline(s): science, math, engineering, engineering technology, or social sciences
eligibility: juniors and seniors at HBCUs
location(s): HBCUs; practicums are at U.S. Department of Energy sites conducting activities for the OCRWM
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
(865) 576-9272
E-mail: babcockc@orau.gov
Rose Etta Cox
Program Specialist
(865) 576-9279
E-mail: coxre@orau.gov
**Professional Internship Program at the National Energy Technology Laboratory**

**description:** opportunities to participate in fossil energy-related research

**discipline(s):** chemistry, computer sciences, engineering, environmental sciences, geology, mathematics, physics, statistics

**eligibility:** undergraduate students, postbaccalaureates, graduate students; U.S. citizens

**location(s):** National Energy Technology Laboratory (Pittsburgh, Pa., and Morgantown, W.Va.)

**duration:** 3 to 18 consecutive months; full-time or part-time appointments

**frequency:** continuing

**awards made:** number varies

**deadline(s):** February 15, June 1, October 1

**benefits:** weekly stipend of $275 to $525; limited travel reimbursement (round-trip transportation expenses between facility and home or campus); off-campus tuition and fees may be paid

**funding source(s):** U.S. Department of Energy, Office of Fossil Energy, through the National Energy Technology Laboratory

**contact(s):** Kathy Ketner
Project Manager
(865) 576-3426
E-mail: ketnerk@orau.gov

Cheryl Terry
Program Specialist
(865) 576-3427
E-mail: terryc@orau.gov
Professional Internship Program at the Savannah River Site

description: opportunities to participate in energy-related and environmental research
discipline(s): chemistry, computer sciences, engineering, environmental sciences, geology, physics
eligibility: undergraduate students, postbaccalaureates, graduate students; U.S. citizens
location(s): Savannah River Site (Aiken, S.C.)
duration: 3 to 18 consecutive months; full-time or part-time appointments
frequency: continuing
awards made: number varies
deadline(s): February 15, June 1, October 1
benefits: weekly stipend of $338 to $871; limited travel reimbursement (round-trip transportation expenses between facility and home or campus)
funding source(s): Westinghouse Savannah River Company
contact(s): Kathy Ketner
Project Manager
(865) 576-3426
E-mail: ketnerk@orau.gov
Cheryl Terry
Program Specialist
(865) 576-3427
E-mail: terryc@orau.gov
Student Environmental Management Participation Program at the U.S. Army Environmental Center

description: opportunities to participate in research in environmental programs 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, Md.) 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 year-round basis

benefits: stipend based on research area and academic classification

funding source(s): U.S. Army Environmental Center through an interagency agreement with the U.S. Department of Energy

contacts: Joanne Rasnake
Project Manager
(410) 436-7257
E-mail: Joanne.Rasnake@apg.amedd.army.mil

Kim Haskins
Program Specialist
(410) 436-7258
E-mail: Kim.Haskins@apg.amedd.army.mil
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, Md.) 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 year-round basis

benefits: stipend based on research area and academic classification

funding source(s): U.S. Army Center for Health Promotion and Preventive Medicine through an interagency agreement with the U.S. Department of Energy

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

Kim Haskins
Program Specialist
(410) 436-7258
E-mail: Kim.Haskins@apg.amedd.army.mil
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, Ga.)

duration: 10 weeks to 12 months; full-time or part-time appointments

frequency: continuing

awards made: number varies

deadline(s): February 1

benefits: stipend based on research area(s) and academic classification

funding source(s): Agency for Toxic Substances and Disease Registry (Public Health Service) through an interagency agreement with the U.S. Department of Energy

contact(s): Linda McCamant
Group Manager
(865) 576-1089
E-mail: mccamanl@orau.gov

Pat Pressley
Program Specialist
(865) 576-5654
E-mail: presslep@orau.gov
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: Division of Sexually Transmitted Diseases Prevention (Atlanta, Ga.), National Immunization Program (Atlanta, Ga.), Office of Health Communication (Atlanta, Ga.), Division of Parasitic Diseases (Atlanta, Ga.), Division of Public Health Surveillance and Informatics (Atlanta, Ga.), Division of AIDS, Sexually Transmitted Diseases, and Tuberculosis Laboratory Research (Atlanta, Ga.), Division of Environmental Health Laboratory Sciences (Atlanta, Ga.), Division of International Health (Atlanta, Ga.), Division of Mycotic and Bacterial Diseases (Atlanta, Ga.), Division of Prevention Research and Analytic Methods (Atlanta, Ga.), Division of Viral and Rickettsial Diseases (Atlanta, Ga.), National Institute for Occupational Safety and Health (Atlanta, Ga.; Cincinnati, Ohio; Morgantown, W.Va.; Washington, D.C.)

duration: one month to one year; full-time or part-time appointments

frequency: continuing

awards made: number varies

deadline(s): applications accepted on year-round 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 academic classification

funding source(s): Centers for Disease Control and Prevention through an interagency agreement with the U.S. Department of Energy

contact(s): Linda McCamant Cheryl Guthrie Group Manager Program Specialist (865) 576-1089 (865) 576-4805 E-mail:mccamanl@orau.gov guthriec@orau.gov
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 sciences, mathematics, medicine, pharmacology, toxicology, related scientific disciplines

eligibility: undergraduate and graduate students

location(s): National Center for Toxicological Research (Jefferson, Ark.)

duration: three months 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 year-round 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
(865) 576-1089
E-mail: mccamanl@orau.gov

Pat Pressley
Program Specialist
(865) 576-5654
E-mail: presslep@orau.gov
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

disciplines: 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 year-round 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 through an interagency agreement with the U.S. Department of Energy

contact(s): Sharon Kern
Project Manager
(865) 576-9361
E-mail: kerns@orau.gov

Betty Bowling
Program Specialist
(865) 576-8503
E-mail: bowlingb@orau.gov
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, and related scientific disciplines
eligibility: undergraduate and graduate students; U.S. citizens
location(s): U.S. Army Edgewood Chemical Biological Center (Aberdeen Proving Ground, Md.) 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 year-round basis
benefits: stipend based on research area and academic classification
funding source(s): U.S. Army Edgewood Chemical Biological Center through an interagency agreement with the U.S. Department of Energy
contact(s): Joanne Rasnake
Project Manager
(410) 436-7257
E-mail: Joanne.Rasnake@apg.amedd.army.mil

Kim Haskins
Program Specialist
(410) 436-7258
E-mail: Kim.Haskins@apg.amedd.army.mil
Student Research Participation at the U.S. Army Garrison, Aberdeen Proving Ground, Md., Directorate of Safety, Health and Environment

description: opportunities to participate in research on issues related to safety, health, and the environment

discipline(s): cultural and natural resources, engineering, environmental sciences, industrial hygiene, life sciences, physical sciences, pollution prevention, related scientific disciplines

eligibility: undergraduate and graduate students; U.S. citizens

location(s): U.S. Army Garrison, Aberdeen Proving Ground, Md., Directorate of Safety, Health and Environment

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

frequency: continuing

awards made: number varies

deadline(s): applications accepted on year-round basis

benefits: stipend based on research area and academic classification

funding source(s): Directorate of Safety, Health and Environment through an interagency agreement with the U.S. Department of Energy

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

Kim Haskins
Program Specialist
(410) 436-7258
E-mail: Kim.Haskins@apg.amedd.army.mil
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 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, Md., 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 year-round basis

benefits: stipend based on research area(s) and academic classification

funding source(s): U.S. Army Medical Research Institute of Chemical Defense through an interagency agreement with the U.S. Department of Energy

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

Kim Haskins
Program Specialist
(410) 436-7258
E-mail: Kim.Haskins@apg.amedd.army
Student Research Participation at the U.S. Army Medical Research Institute of Infectious Diseases

description: opportunities to participate in research supportive of military applications of infectious diseases and their prevention
discipline(s): biological sciences, computer sciences, medical sciences, physical sciences, and related scientific disciplines
eligibility: undergraduate and graduate students; U.S. citizens
location(s): U.S. Army Medical Research Institute of Infectious Diseases (Fort Detrick, Md.)
duration: three months to one year; full-time or part-time appointments; renewable
frequency: continuing
awards made: number varies
deadline(s): applications accepted on year-round basis
benefits: stipend based on research area and academic classification
funding source(s): U.S. Army Medical Research Institute of Infectious Diseases through an interagency agreement with the U.S. Department of Energy
contact(s): Sharon Kern
Project Manager
(865) 576-9361
E-mail: kerns@orau.gov

Betty Bowling
Program Specialist
(865) 576-8503
E-mail: bowlingb@orau.gov
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): physical, biological, and medical sciences, computer/information science and technology, computational modeling, materials research, and related scientific disciplines

eligibility: undergraduate and graduate students; U.S. citizens

location(s): U.S. Army Research Laboratory, Aberdeen Proving Ground, Md., 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 year-round basis

benefits: stipend based on research area(s) and academic classification

funding source(s): U.S. Army Research Laboratory through an interagency agreement with the U.S. Department of Energy

contact(s): Joanne Rasnake
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Kim Haskins
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Student Research Participation for the U.S. Army Research Laboratory, Weapons and Materials Research Directorate

description: opportunities to participate in research related to engineering, mechanics, chemistry, computational modeling, materials research

disciplines: related scientific or engineering disciplines

eligibility: undergraduate and graduate students; U.S. citizens

location(s): U.S. Army Research Laboratory, Aberdeen Proving Ground, Md., 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 year-round basis

benefits: stipend based on research area(s) and academic classification

funding source(s): U.S. Army Research Laboratory through an interagency agreement with the U.S. Department of Energy

contact(s): Joanne Rasnake
Project Manager
(410) 436-7257
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Kim Haskins
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Other Courses & Training
Emergency Management Laboratory Courses

description: courses in all emergency management-related disciplines

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

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): Darrell M. Lankford
Director
(865) 576-4872
E-mail: lankford@orau.gov

web site: www.orau.gov/eml/emlhome.htm
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
• Radiological Surveys in Support of Decommissioning
• X-Ray Physics for Inspectors

discipline(s): radiation protection

eligibility: varies by course

location(s): Oak Ridge Institute for Science and Education (Tenn.)

duration: varies by course

frequency: varies by course

contact(s): Paul Frame
Group Leader
(865) 576-3388
E-mail: framep@orau.gov

Registrar
(865) 576-3576

web site: www.orau.gov/ptp/ptp.htm
Radiation Emergency Assistance Center/Training Site (REAC/TS) Courses

description: 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/health physics management of radiation accidents
eligibility: varies by course; emergency department 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 (Tenn.)
duration: varies by course
frequency: varies by course
funding source(s): U.S. Department of Energy
contact(s): Robert C. Ricks
Program Manager
(865) 576-3131
E-mail: ricksr@orau.gov
Gail Mack
Registrar
(865) 576-3132
E-mail: mackg@orau.gov
web site: www.orau.gov/reacts
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