

O R I S E

OAK RIDGE INSTITUTE
FOR SCIENCE AND
EDUCATION

**Catalog of
Education
and Training
Programs**

U.S. Department of Energy

2001 EDITION



O R I S E

OAK RIDGE INSTITUTE
FOR SCIENCE AND
EDUCATION

**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.

Table of Contents

How to Use This Catalog 5

Access This Catalog Online 6

The Oak Ridge Institute for Science and Education 7

Alphabetical Program Listing 9

Faculty Opportunities 13

Postgraduate Opportunities 37

Graduate and Undergraduate Student Opportunities 71

Other Courses and Training 105

Disciplines Index 109

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.ornl.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>.

Oak Ridge Institute for Science and Education

Filling the Need

The Oak Ridge Institute for Science and Education (ORISE) is operated by Oak Ridge Associated Universities (ORAU) for the U.S. Department of Energy (DOE). 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.ornl.gov/orise.htm>

Alphabetical Program Listing

Faculty Opportunities

Faculty Environmental Management Participation at the U.S. Army Environmental Center	14
Faculty Internship at the U.S. Army Center for Health Promotion and Preventive Medicine	15
Faculty Research Participation at the Air Force Research Laboratory, Materials Directorate, Tyndall Air Force Base	16
Faculty Research Participation at the Centers for Disease Control and Prevention	17
Faculty Research Participation at the National Center for Toxicological Research	18
Faculty Research Participation at the Savannah River Site	19
Faculty Research Participation at the U.S. Air Force Institute for Environment, Safety and Occupational Health Risk Analysis	20
Faculty Research Participation at the U.S. Army Central Identification Laboratory, Hawaii	21
Faculty Research Participation at the U.S. Army Edgewood Chemical Biological Center	22
Faculty Research Participation at the U.S. Army Medical Research Institute of Infectious Diseases	23
Faculty Research Participation at the U.S. Army Research Laboratory ...	24
Faculty Research Participation at the U.S. Army Research Laboratory, Weapons and Materials Research Directorate	25
Fossil Energy Faculty Research Participation	26
Higher Education Research Experiences at Oak Ridge National Laboratory for Faculty	27
Higher Education Research Experiences at Oak Ridge National Laboratory for Research Visits	28
National Library of Medicine Faculty Research Participation	29
National Library of Medicine National Center for Biotechnology Information Scientific Visitors Program	30
National Oceanic and Atmospheric Administration Faculty Research Participation	31
Nuclear Regulatory Commission Historically Black Colleges and Universities Faculty Research Participation	32
Office of Biological and Environmental Research Minority Institutions Faculty Research Participation	33
Shared Research Equipment Program	34
University Radioactive Ion Beam (UNIRIB) Consortium	35

continued on next page

Alphabetical Program Listing *continued*

Postgraduate Opportunities

Alexander Hollaender Distinguished Postdoctoral Fellowship	38
Fossil Energy Postgraduate Research	39
Fusion Energy Postdoctoral Research	40
National Library of Medicine Associate Fellowship	41
National Library of Medicine Postdoctoral Research Participation	42
Oak Ridge National Laboratory Advanced Short-Term Research Opportunity	43
Oak Ridge National Laboratory Postdoctoral Research Associates	44
Oak Ridge National Laboratory Post-Master's Research Participation	45
Postgraduate Environmental Management Participation at the U.S. Army Environmental Center	46
Postgraduate Internship at the Office of Ground Water and Drinking Water	47
Postgraduate Internship at the U.S. Army Center for Health Promotion and Preventive Medicine	48
Postgraduate Research Participation at the Agency for Toxic Substances and Disease Registry	49
Postgraduate Research Participation at the Air Force Research Laboratory, Materials Directorate, Tyndall Air Force Base	50
Postgraduate Research Participation at the Center for Biologics Evaluation and Research	51
Postgraduate Research Participation at the Center for Devices and Radiological Health	52
Postgraduate Research Participation at the Center for Drug Evaluation and Research	53
Postgraduate Research Participation at the Center for Food Safety and Applied Nutrition	54
Postgraduate Research Participation at the Center for Veterinary Medicine	55
Postgraduate Research Participation at the Centers for Disease Control and Prevention	56
Postgraduate Research Participation at the National Center for Toxicological Research	57
Postgraduate Research Participation at the National Exposure Research Laboratory	58
Postgraduate Research Participation at the National Risk Management Research Laboratory	59
Postgraduate Research Participation at the Savannah River Site	60
Postgraduate Research Participation at the St. Louis District, U.S. Army Corps of Engineers	61
Postgraduate Research Participation at the U.S. Air Force Institute for Environment, Safety and Occupational Health Risk Analysis	62

Postgraduate Research Participation at the U.S. Army Central Identification Laboratory, Hawaii	63
Postgraduate Research Participation at the U.S. Army Edgewood Chemical Biological Center	64
Postgraduate Research Participation at the U.S. Army Garrison, Aberdeen Proving Ground, Md., Directorate of Safety, Health and Environment	65
Postgraduate Research Participation at the U.S. Army Medical Research Institute of Chemical Defense	66
Postgraduate Research Participation at the U.S. Army Medical Research Institute of Infectious Diseases	67
Postgraduate Research Participation at the U.S. Army Research Laboratory	68
Postgraduate Research Participation at the U.S. Army Research Laboratory, Weapons and Materials Research Directorate	69
Postgraduate Research Participation at the U.S. Environmental Protection Agency, Region 5	70

Graduate and Undergraduate Student Opportunities

Advanced Industrial Materials (AIM) Fellowship	72
Civilian Radioactive Waste Management Fellowship	73
Department of Commerce Internship for Postsecondary Students	74
Department of Energy Mickey Leland Energy Fellowship Program	75
Department of Energy Student Diversity Partnership	76
Energy Research Undergraduate Laboratory Fellowships (DOE)	77
Fossil Energy Technology Internship	78
Fusion Energy Sciences Fellowship	79
Higher Education Research Experiences at Oak Ridge National Laboratory for Law	80
Higher Education Research Experiences at Oak Ridge National Laboratory for Students	81
Institute of Biotechnology, Environmental Science, and Computing for Community Colleges (DOE)	82
Law Internship	83
National Library of Medicine Student Research Participation	84
National Oceanic and Atmospheric Administration Student Research Participation	85
National Science Foundation Graduate Research Fellowships	86
Nuclear Regulatory Commission Historically Black Colleges and Universities Student Research Participation	87
Office of Biological and Environmental Research Global Change Education Program	88

continued on next page

Alphabetical Program Listing *continued*

Office of Biological and Environmental Research Minority Institutions Student Research Participation	89
Office of Civilian Radioactive Waste Management Historically Black Colleges and Universities Undergraduate Scholarship	90
Professional Internship Program at the National Energy Technology Laboratory	91
Professional Internship Program at the Savannah River Site	92
Student Environmental Management Participation Program at the U.S. Army Environmental Center	93
Student Internship Program at the U.S. Army Center for Health Promotion and Preventive Medicine	94
Student Research Participation at the Agency for Toxic Substances and Disease Registry	95
Student Research Participation at the Centers for Disease Control and Prevention	96
Student Research Participation at the National Center for Toxicological Research	97
Student Research Participation at the U.S. Air Force Institute for Environment, Safety and Occupational Health Risk Analysis	98
Student Research Participation at the U.S. Army Edgewood Chemical Biological Center	99
Student Research Participation at the U.S. Army Garrison, Aberdeen Proving Ground, Md., Directorate of Safety, Health and Environment	100
Student Research Participation at the U.S. Army Medical Research Institute of Chemical Defense	101
Student Research Participation at the U.S. Army Medical Research Institute of Infectious Diseases	102
Student Research Participation at the U.S. Army Research Laboratory	103
Student Research participation at the U.S. Army Research Laboratory, Weapons and Materials Research Directorate	104

Other Courses and Training

Emergency Management Laboratory Courses	106
Professional Training Programs	107
Radiation Emergency Assistance Center/Training Site (REAC/TS) Courses	108

Faculty Opportunities

Faculty 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: 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
- 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

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
- 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

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
- 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

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
contact(s):	Linda McCamant Group Manager (865) 576-1089 E-mail: mccamanl@orau.gov Cheryl Guthrie Program Specialist (865) 576-4805 E-mail: guthriec@orau.gov

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
- 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

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
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

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
- 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

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
- 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

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
- 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

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
- 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

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
- 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

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
- 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

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
- 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

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
- contact(s): Kathy Ketner
Project Manager
(865) 576-3426
E-mail: ketnerk@ornl.gov
- Kay Ball
Program Specialist
(865) 576-8807
E-mail: ballk@ornl.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
- contact(s): Kathy Ketner
Project Manager
(865) 576-3426
E-mail: ketnerk@ornl.gov
- Cheryl Terry
Program Specialist
(865) 576-3427
E-mail: terryc@ornl.gov

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
- 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 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, postdoctorals, 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
Project Manager
(865) 241-3319
E-mail: kittrell@orau.gov

Barbara Dorsey
Program Specialist
(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@ornl.gov
Norma Ward
Program Specialist
(865) 576-5300
E-mail: wardn@ornl.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@ornl.gov

Mona Carrasco
Program Specialist
(865) 576-3383
E-mail: carrascr@ornl.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@ornl.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@ornl.gov
Kay Ball
Program Specialist
(865) 576-8807
E-mail: ballk@ornl.gov
- web site: www.ornl.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
E-mail: dorseyb@orau.gov
- 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@ornl.gov Bonnie DeJarnette Program Specialist (865) 241-4832 E-mail: dejarneb@ornl.gov
web site:	www.ornl.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@ornl.gov
- Bonnie DeJarnette
Program Specialist
(865) 241-4832
E-mail: dejarneb@ornl.gov
- web site: www.ornl.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@ornl.gov
- Bonnie DeJarnette
Program Specialist
(865) 241-4832
E-mail: dejarneb@ornl.gov
- web site: www.ornl.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
E-mail: Joanne.Rasnake@apg.amedd.army.mil
- Kim Haskins
Program Specialist
(410) 436-7258
E-mail: Kim.Haskins@apg.amedd.army.mil

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
(865) 576-9361
E-mail: kerns@orau.gov
- 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
- 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 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
(865) 576-7385
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	
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 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 Group Manager (865) 576-1089 E-mail:mccamanl@orau.gov	Cheryl Guthrie Program Specialist (865) 576-4805 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):	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 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
Project Manager
(865) 576-3426
E-mail: ketnerk@orau.gov
- Kay Ball
Program Specialist
(865) 576-8807
E-mail: ballk@orau.gov

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

Betty Bowling
Program Assistant
(865) 576-8503
E-mail: bowlingb@orau.gov

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
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

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
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

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
- 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 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
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 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
- 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 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
- 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

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
- 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 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
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 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
- contact(s): Tom Richmond
Project Manager
(865) 576-2194
E-mail: richmont@ora.gov
- Pat Pressley
Program Specialist
(865) 576-5654
E-mail: presslep@ora.gov

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

Cheryl Terry
Program Specialist
(865) 576-3427
E-mail: terryrc@ornl.gov

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 Program Manager (865) 576-9272 E-mail: babcockc@orau.gov Rose Etta Cox Program Specialist (865) 576-9279 E-mail: coxre@orau.gov

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
- contact(s): Harold Rider
Project Manager
(865) 576-8158
E-mail: riderh@orau.gov

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
- location(s): Washington, D.C., and participating field sites: Albany, Ore., Bryan Mound, Texas, Casper, Wyo., Morgantown, W. Va., New Orleans, La.
- 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
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/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
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/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.ora.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
- contact(s): Kathy Ketner
Project Manager
(865) 576-3426
E-mail: ketnerk@ornl.gov

Cheryl Terry
Program Specialist
(865) 576-3427
E-mail: terrytc@ornl.gov

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
contact(s):	Tom Richmond Project Manager (865) 576-2194 E-mail: richmont@orau.gov Debbie Alcorn Program Specialist (865) 576-3428 E-mail: alcorn@orau.gov
web site:	www.orau.gov/orise/edu/uggrad/fusapp.htm

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): Kathy Ketner
Project Manager
(865) 576-3426
E-mail: ketnerk@ornl.gov
- Cheryl Terry
Program Specialist
(865) 576-3427
E-mail: terryc@ornl.gov

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
contact(s):	Kathy Ketner Project Manager (865) 576-3426 E-mail: ketnerk@ornl.gov Cheryl Terry Program Specialist (865) 576-3427 E-mail: terryc@ornl.gov

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.orau.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.
contact(s):	Kathy Ketner Project Manager (865) 576-3426 E-mail: ketnerk@orau.gov Cheryl Terry Program Specialist (865) 576-3427 E-mail: terrytc@orau.gov

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
- 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 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
Project Manager
(865) 576-8158
E-mail: riderh@orau.gov

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
Manager, NSF Operations
(865) 241-4300
E-mail: nsfgrfp@orau.gov
- 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
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

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
- contact(s): Milton Constantin
Program Manager
(865) 576-7009
E-mail: constanm@orau.gov
- Mary Kinney
Program Specialist
(865) 576-9655
E-mail: kinneym@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@ornl.gov Cheryl Terry Program Specialist (865) 576-3427 E-mail: terryrc@ornl.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: terrytc@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 Group Manager (865) 576-1089 E-mail:mccamanl@orau.gov	Cheryl Guthrie Program Specialist (865) 576-4805 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 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 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
E-mail: Joanne.Rasnake@apg.amedd.army.mil
- Kim Haskins
Program Specialist
(410) 436-7258
E-mail: Kim.Haskins@apg.amedd.army.

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 <ul style="list-style-type: none">• 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@ornl.gov Gail Mack Registrar (865) 576-3132 E-mail: mackg@ornl.gov
web site:	www.ornl.gov/reacts

Disciplines Index

accounting	32, 87
anthropology	21, 63, 94
applied research	34
archaeology	14, 46
atmospheric sciences	88
basic research	34
behaviorial sciences	86
biochemistry	30
bioengineering	51, 53, 54, 55
biological sciences	15, 16, 18, 22, 23, 24, 48, 50, 57, 62, 64, 66, 67, 69, 86, 94, 95, 97, 99, 102
biology	14, 46, 93
biomedical sciences	33, 38, 89
biostatistics	51, 52, 53
biotechnology	27, 82
business	74, 85
ceramic engineering	72
chemical engineering	39, 81
chemistry	14, 15, 18, 25, 39, 46, 48, 57, 78, 81, 91, 92, 93, 94, 97, 104
civil engineering	81, 94
climatology	88
communications	17, 56, 96
computational modeling	24, 25, 68, 103, 104
computer sciences	16, 18, 19, 22, 23, 24, 26, 27, 29, 30, 32, 42, 43, 44, 45, 50, 57, 60, 62, 64, 66, 67, 69, 74, 75, 76, 78, 81, 82, 84, 85, 87, 91, 92, 94, 97, 99, 102
cultural and natural resources	100
DNA identification	21, 63
earth sciences	26, 39, 43, 44, 45, 60, 73, 75
ecology	14, 46, 88, 93
economics	17, 56, 76, 96
education	49, 95
emergency management	106
emergency response	49, 95

energy-related disciplines	28, 34, 38, 80, 81, 83, 92
basic energy sciences	87
electron microscopy	34
engineering 14, 16, 19, 20, 22, 25, 26, 27, 31, 32, 39, 40, 43, 44, 45, 46, 47, 50, 52, 58, 59, 60, 61, 64, 65, 70, 73, 74, 75, 76, 77, 78, 79, 85, 86, 87, 90, 91, 92, 93, 99, 100, 104	
engineering technology	90
entomology	14, 15, 46, 48, 93
environmental engineering	81, 94
environmental health	15, 17, 48, 49, 56, 95, 96, 98
environmental law	80, 83
environmental sanitation and hygiene	15, 48
environmental sciences	14, 15, 16, 20, 22, 27, 28, 33, 38, 43, 44, 45, 46, 47, 48, 50, 58, 59, 61, 64, 65, 70, 75, 78, 81, 82, 89, 91, 92, 93, 94, 99, 100
epidemiology	17, 49, 52, 56, 95, 96
exposure and disease registries	49, 95
finance	76
food technology	54, 55
forensic anthropology	21, 63
forensic dentistry	21, 63
forestry	14, 46
fossil energy	26, 39, 78, 91
fusion energy	40
geology	78, 81, 91, 92
geosciences	32, 87
global carbon cycles	88
global change	38
health care	29, 42, 84
health education	49, 96
health investigations	49, 96
health physics	32, 87, 108
health sciences	17, 20, 28, 56, 96
history	14, 46, 93
human factors	87
human genome	38
hydrogeology	81
hydrology	81

industrial hygiene	15, 48, 65, 94, 98, 100
infectious diseases	17, 56, 96
information sciences	14, 46, 68, 93, 103
ionizing and nonionizing radiation	15, 48
laboratory services	48, 98
law	78, 80, 83
library science	29, 41, 42, 84
life biology	46
life sciences	17, 20, 31, 33, 38, 43, 44, 45, 51, 52, 53, 54, 55, 56, 58, 61, 65, 74, 77, 85, 89, 96, 100
materials engineering	72
materials research	24, 25, 68, 103, 104
materials science	32, 52, 72, 73
mathematics	18, 19, 26, 27, 30, 32, 39, 43, 44, 45, 57, 75, 76, 77, 78, 79, 86, 90, 91, 97
mechanical engineering	81, 94
mechanics	104
medical education	29, 42, 84
medical electronics	52
medical imaging and computer applications	52
medical informatics	29, 42, 84
medical management of radiation accidents	108
medical research	30
medical sciences	15, 17, 23, 24, 48, 51, 53, 54, 55, 56, 62, 67, 68, 69, 69, 94, 95, 96, 101, 102, 103
medicine	18, 49, 57, 97
metallurgical engineering	72
molecular biology	30
molecular/radiation biology	32, 87
natural resources	65
natural sciences	19, 26, 27, 28
nuclear chemistry	35
nuclear physics	35
occupational health	15, 17, 48, 56, 96, 98
patent law	80, 83
pharmacology	18, 49, 54, 55, 57, 95, 97
physical science	24, 68, 101, 103

physical sciences ..	15, 16, 17, 19, 20, 22, 23, 24, 26, 27, 28, 31, 32, 39, 43, 44, 45, 47, 48, 50, 51, 53, 54, 55, 56, 58, 59, 60, 61, 62, 64, 65, 66, 67, 68, 69, 70, 74, 75, 77, 79, 85, 86, 94, 95, 96, 99, 100, 101, 102, 103
physics	25, 52, 78, 91, 92
plant pathology	14, 46, 93
policy	76
pollution prevention	65, 100
project management	76
psychology	98
public health	49, 95
public health assessment	49, 95
radiation emissions	52
radiation protection	107
radiation sciences	73
safety and health	17, 56, 97
science	31, 76, 86, 90
science education	86
science history	86
science philosophy	86
social sciences	86, 90
statistics	32, 76, 78, 87, 91
structural biology	30
technical database development	81
technical writing	75
terrestrial processes	88
toxicological profiles	49, 95
toxicology	15, 18, 48, 49, 57, 94, 95, 97
wildlife biology	14, 46, 93
worksite hazards	15, 48, 98
zoology	14, 46, 93



P.O. Box 117, Oak Ridge, Tennessee 37831-0117

<http://www.ornl.gov/orise.htm>