

Fellowships, Grants and Scholarships



Fellowship Money Available for Graduate Study

Students considering the continuation of their educational careers should look to the U.S. Department of Energy (DOE) for a helpful hand. Funding is available for students interested in pursuing master's or doctoral degrees in such areas as nuclear engineering, health physics, and industrial hygiene. Graduate fellowship programs sponsored by DOE and administered by the Oak Ridge Institute for Science and Education provide full payment of tuition and fees, monthly stipends, and the opportunity to gain practical experience at a DOE laboratory. Awards vary depending on the specific program and the degree being pursued. All programs require the submission of a fellowship application and completion of the Graduate Record Examination (GRE). Students must have received their undergraduate degrees in a science or engineering discipline by **August 1997**. Selection is based on academic performance, recommendations, and a statement of career goals by the applicant.

Fellowship applications are being offered taken through **Jan. 27, 1997**, and awards will be announced in **April 1997**. For applications or additional information, contact Milton Constantin or Mary Kinney, (423) 576-7009, ORISE Fellowship Programs, Oak Ridge Institute for Science and Education, and Training Division, P.O. Box 117, Oak Ridge,

Tenn. 37831-0117, or E-mail GRADFELL@ORAU.GOV.

Graduate Research Opportunities Announced

The U.S. Department of Energy's (DOE) Graduate Student Research Participation Program (GSRP) is offering graduate students the chance to spend one to twelve months collaborating with federal scientists on the cutting edge of research and development. One of several programs offered through the University-DOE Laboratory Cooperative Science Education Program and managed by the Oak Ridge Institute for Science and Education, the GSRP is for Graduate students enrolled in programs leading to a master's degree or Ph.D. in engineering, physical or life sciences, mathematics, computer science, or social sciences. With direction from researchers at major DOE facilities, students conducted hands-on research using state-of-the-art equipment not usually found on most campus laboratories. Projects relate to individual academic majors, career goals, and the ongoing research and development of facility. Students are selected by the DOE facility staff on the basis of academic record, research interest, and the recommendation of instructors.

Participating DOE facilities include the Atmospheric Turbulence and Diffusion Division, ORISE, Oak Ridge National Laboratory, the Oak Ridge Y-12 Plant and K-25 Site, Oak Ridge, Tenn.; Pitts-

burgh Energy Technology Center, Pittsburgh, Pa.; Savannah River Archaeological Research Program, and Savannah River Ecology Laboratory, Savannah River Site, Aiken, S.C.; Thomas Jefferson National Accelerator Facility, Newport News, Va.; and Triangle Universities Nuclear Laboratory, Duke University, Durham, N.C.

Certain travel expenses are reimbursed, and stipends of \$370 to \$395 per week will be paid to participants. Applications are accepted year-round. For application materials or additional information, please contact *Barbara Dorsey* at (423) 576-9975, or write to the Graduate Student Research Participation Program, Oak Ridge Institute for Science and Education, and Training Division, P.O. Box 117, Oak Ridge, TN. 37831-0117.

Undergraduate Summer Research Opportunities Announced

The U.S. Department of Energy's (DOE) Student Research Participation Program (SRP) is offering undergraduate students the chance to spend 10 weeks next summer collaborating with federal scientists on the cutting edge of research and development. One of several programs offered through DOE's University-DOE Laboratory Cooperative Science Education Program and managed by the Oak Ridge Institute for Science and Education (ORISE), The SRP is for sophomores, juniors and seniors majoring in engineering, physical and life sciences, mathematics, computer science or social sciences. With direction from researchers at major DOE facilities, students conduct hands-on research using state-of-the-art equipment not usually found in most campus laboratories. Projects relate to individual academic majors, career goals, and the ongoing research and development of the facility. Students are selected by the DOE facility staff on the basis of academic record, aptitude, research interest, and the recommendation of instructors. Participants must have the potential for graduate study and scientific careers.

Participating DOE facilities include the Atmospheric Turbulence and Diffusion Division, ORISE, Oak Ridge National Laboratory, the Oak Ridge Y-12 Plant and K-25

Site, Oak Ridge, Tenn.; Pittsburgh Energy Technology Center, Pittsburgh, Pa.; Savannah River Archaeological Research Program, and Savannah River Ecology Laboratory, Savannah River Site, Aiken, S.C.; Thomas Jefferson National Accelerator Facility, Newport News, Va.; and Triangle Universities Nuclear Laboratory, Duke University, Durham, N.C.

Certain travel expenses are reimbursed, and stipends of \$250 per week for seniors, \$225 per week for juniors, and \$200 per week for sophomores will be paid to participants. The application deadline is January 21, 1997. For application materials or additional information, please contact *Elizabeth Kittrell* at (423) 241-3319, or direct correspondence to the Lab Co-op Student Research Participation Program, Oak Ridge Institute for Science and Education, and Training Division, P.O. Box 117, Oak Ridge, TN. 37831-0117. Or if on the internet go to <http://www.ornl.gov/seed/ugradop/htm>.

DOE Science and Engineering Research Semester Offers Cutting-Edge Research to College Juniors and Seniors

If you are a sophomore, junior, or senior studying computer science, engineering, physics, environmental and life sciences, mathematics or physical science, the Science and Engineering Research Semesters (SERS) offers you the unique opportunity to do hands-on research laboratories during the academic year.

The U.S Department of Energy (DOE) is sponsoring the program to encourage undergraduate students to con-

tinue their studies in science and engineering. More than 400 students annually receive SERS appointment at on of the participating laboratories. These laboratories include Argonne located out-

side Chicago; Brookhaven on Long Island, N.Y.; Lawrence Livermore at Livmore, Calif.; Los Alamos National Laboratory in New Mexico; Oak Ridge National Laboratory located in Tennessee; and Pacific Northwest in Washington state.

The SERS program offers an attractive financial package in addition to the valuable laboratory contacts and experience. Housing, including utilities, is furnished, thereby bringing the total value of your award to approximately \$1,600 per month, depending on location. Transportation expenses are reimbursed for one round trip to the research facility.

In addition to research participation, most laboratories offer courses on site or at nearby universities to help students fulfill graduation requirements while participating in the program. The tuition for one course per student may be paid by the program, adding to the value of the appointment. The majority of past participants have also received credit from their home university for the research experiences. Participating laboratories are happy to work with schools to assist in making this arrangement.

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