



Keene State College
Office of Sponsored Projects and Research

EXTERNAL FUNDING OPPORTUNITIES: SCIENCES

To better serve faculty in their funding searches, the OSPR has compiled the following external funding opportunities. Information in the following list has been taken from a variety of on-line sources and is far from a comprehensive list in each discipline area. The Sponsor Program (set up as a hyperlink to the sponsor's website) and a brief description are provided for your convenience. For the most complete and up-to-date information on the funding opportunity, check the Sponsor's website.

Sponsor Program Website & Description	Typical Deadline Cycle*
Air Force Office of Scientific Research The AFOSR provides grant opportunities in research in a variety of program areas including: Aerospace, Chemical and Materials Sciences; Mathematics, information and Life Sciences; and Physics and Electronics	*Check Sponsor Website for latest information Varies with program
Army Research Office The U.S. Army Research Laboratory's Army Research Office (ARO) mission is to serve as the Army's premier extramural basic research agency in the engineering, physical, information and life sciences; developing and exploiting innovative advances to insure the Nation's technological superiority. Basic research proposals from educational institutions, nonprofit organizations, and private industry are competitively selected and funded. Program funding areas include Engineering Sciences, Mathematical & Information Sciences, and Physical Sciences	Varies with program
American Chemical Society - Petroleum Research Fund ACS PRF offers research grant programs to support fundamental research in the petroleum and energy fields, and development of the next generation of engineers and scientists through advanced scientific education. Research areas supported include chemistry, the earth sciences, chemical and petroleum engineering, and related fields such as polymers and materials science. Membership in the American Chemical Society is not a requirement or a factor in awarding ACS PRF grants.	July & August
Alfred P. Sloan Foundation The Alfred P. Sloan Foundation makes grants on six broad subject matters, known within the Foundation as major program areas. The major program areas include: Basic Research, Science Education, Public Understanding of Science, Economic Performance & the Quality of Life, Civic Initiatives, and Select National Issues.	Varies with program
American Association for the Advancement of Science Provides resource information on a variety of funding opportunities for women in science at both the national and international levels.	Varies by program
American Astronomical Society In honor of the memory of Henri Chrétien, French Professor of Optics and co-originator of the Ritchey-Chrétien telescope design, the American Astronomical Society has been named to administer grants to further international collaborative projects in observational astronomy. Emphasis is on long-term visits and the development of close working relationships with astronomers in other countries.	April



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American Psychological Association Provides resource information on a variety of grants, awards and scholarships available to professionals and students in the field of psychology.	Varies with program
Beckman Foundation The Arnold and Mabel Beckman Foundation makes grants to non-profit research institutions to promote research in chemistry and the life sciences, broadly interpreted, and particularly to foster the invention of methods, instruments and materials that will open up new avenues of research in science. The Beckman Young Investigators (BYI) Program is intended to provide research support to the most promising young faculty members in the early stages of academic careers in the chemical and life sciences.	October
Dreyfus Foundation Provides resource information on a variety of grants, awards and scholarships available to professionals and students in the field of chemistry.	Varies with program
David & Lucille Packard Foundation The Packard Foundation focuses the majority of their grant-making in three program areas: Conservation & Science, Population, and Children, Families, & Communities	Varies with program
Earthwatch Earthwatch supports research and projects that fall within four Priority Areas: Climate Change, Oceans, Sustainable Cultures, and Sustainable Resource Management. Currently, they no longer accept unsolicited formal applications for support, as they have in the past. Instead, if you would like to be considered for Earthwatch support, you are asked to submit a short letter of inquiry (500 words or less) summarizing your proposed research project, along with your CV.	Continuous
Human Frontier Science Program The HFSP supports novel, innovative and interdisciplinary basic research focused on the complex mechanisms of living organisms; topics range from molecular and cellular approaches to systems and cognitive neuroscience. A clear emphasis is placed on novel collaborations that bring biologists together with scientists from fields such as physics, mathematics, chemistry, computer science and engineering to focus on problems at the frontier of the life sciences. Research Grants are awarded for novel collaborations involving extensive collaboration among teams of scientists working in different countries and in different disciplines. Two types of grants are available: Young Investigator Grants and Program Grants.	Varies with program
National Institutes of Health NIH funds grants that support the advancement of fundamental knowledge about the nature and behavior of living systems to meet the NIH mission of extending healthy life and reducing the burdens of illness and disability. Of particular interest to many faculty are the NIH R03 (small grant program) and the NIH R15 (Academic Research Enhancement Award (AREA))	Varies with program
National Science Foundation The Research in Undergraduate Institutions (RUI) activity supports research by faculty members of predominantly undergraduate institutions through the funding of (1) individual and collaborative research projects, (2) the purchase of shared-use research instrumentation, and (3) Research Opportunity Awards for work with NSF-supported investigators at other institutions. All NSF directorates participate in the RUI activity.	Varies with program



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<p><u>NH Department of Environmental Services</u></p> <p>Each year, the State of New Hampshire provides substantial grant and loan opportunities to municipalities and others, to support environmental infrastructure improvements and other environmental and public health projects. Check the website for the current grant opportunities being offered.</p>	Varies with program
<p><u>NH EPSCoR</u></p> <p>The mission of EPSCoR is to assist the National Science Foundation in its statutory function "to strengthen research and education in science and engineering throughout the United States and to avoid undue concentration of such research and education." EPSCoR goals are: a) to provide strategic programs and opportunities for EPSCoR participants that stimulate sustainable improvements in their R&D capacity and competitiveness; b) to advance science and engineering capabilities in EPSCoR jurisdictions for discovery, innovation and overall knowledge-based prosperity. NH is an EPSCoR state and several funding opportunities are available both through NSF and the NH EPSCoR website.</p>	Varies with program
<p><u>Research Corporation</u></p> <p>The Research Corporation for Scientific Advancement offers the Cottrell College Science Awards which Support significant research that contributes to the advancement of science and to the professional and scholarly development of faculty at undergraduate institutions along with their students. They also offer the Cottrell Scholar Award for beginning faculty members committed to excelling in both research and teaching.</p>	<p>November & May: College Science Awards</p> <p>September: Scholar Awards</p>
<p><u>United States Department of Agriculture</u></p> <p>USDA offers a variety of funding opportunities focusing on agricultural, biological and environmental sciences.</p>	Varies with program
<p><u>US Department of Energy</u></p> <p>The Department of Energy is the single largest Federal government supporter of basic research in the physical sciences in the United States, providing more than 40 percent of total Federal funding for this vital area of national importance. It oversees, and is the principal Federal funding agency of, the Nation's research programs in high-energy physics, nuclear physics, and fusion energy sciences. Such a diverse research portfolio supports tens of thousands of principal investigators, post-doctoral students, and graduate students who are tackling some of the most challenging scientific questions of our era.</p>	Varies with program
<p><u>Whitehall Foundation</u></p> <p>Research grants are available to established scientists of all ages working at accredited institutions in the United States. Applications will be judged on the scientific merit and the innovative aspects of the proposal as well as on the competence of the applicant. Research grants of up to three years will be provided. A renewal grant with a maximum of two years is possible, but it will be awarded on a competitive basis. Research grants will not be awarded to investigators who have already received, or expect to receive, substantial support from other sources, even if it is for an unrelated purpose. Research grants normally range from \$30,000 to \$75,000 per year.</p>	January, April & October (for letters of intent)
<p><u>Woods Hole Oceanographic Institution</u></p> <p>Eighteen-month Postdoctoral Scholar awards are offered annually to recipients of new or recent doctorates in the fields of chemistry, engineering, geology, geophysics, mathematics, meteorology, physics, and biology as well as oceanography. The competitive awards are designed to further the education and training of the applicant with primary emphasis placed on the individual's research promise.</p>	January



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