

Young Faculty Funding Opportunities

Interesting book chapters and website for post-docs and junior faculty;
<http://www.hhmi.org/grants/office/scimgmt.html#>

NSF Guide for Proposal Writing – You might find this very useful.
<http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf04016>

1. NSF Career Awards

Faculty Early Career Development (CAREER) Program

Due: Depending on the Directorate, approximately July 20

The Faculty Early Career Development (CAREER) Program is a Foundation-wide activity that offers the National Science Foundation's most prestigious awards for new faculty members. The CAREER program recognizes and supports the early career-development activities of those teacher-scholars who are most likely to become the academic leaders of the 21st century. NSF encourages submission of CAREER proposals from new faculty members at all CAREER-eligible organizations and especially encourages women, members of underrepresented minority groups, and persons with disabilities to apply.

Each year NSF selects nominees for the Presidential Early Career Awards for Scientists and Engineers (PECASE) from among the most meritorious new CAREER awardees. The PECASE program recognizes outstanding scientists and engineers who, early in their careers, show exceptional potential for leadership at the frontiers of knowledge. This Presidential Award is the highest honor bestowed by the United States Government on scientists and engineers beginning their independent careers.

Eligibility: * By your Directorate's July deadline for submission of CAREER proposals:

- o Hold a doctoral degree (as evidenced by the dated diploma) in a field of science or engineering supported by NSF;
- o Be untenured;
- o Have not previously received an NSF PECASE or CAREER award. (Prior or concurrent Federal support for other types of awards or for non-duplicative research does not preclude eligibility);
- o Have not competed more than two times in the NSF CAREER Program.

* By October 1st following the July deadline for submission of CAREER proposals:

- o Be employed in a tenure-track position (or tenure-track-equivalent position) as an assistant professor (or equivalent title), at an institution in the

U.S., its territories, or possessions, or the Commonwealth of Puerto Rico, that awards degrees in a field supported by NSF; Or

o Be employed in a tenure-track position (or tenure-track-equivalent position) as an assistant professor (or equivalent title) at an organization in the U.S., its territories, or possessions, or the Commonwealth of Puerto Rico, that is a non-profit, non-degree-granting organization such as a museum, observatory, or research lab.

<http://www.nsf.gov/pubs/2002/nsf02111/nsf02111.txt>

2. NSF - Science and Technology Studies (STS)

Eligibility Requirements for Small Grants for Training and Research Fellowships (SGTRF)

* These SGTRF awards are available for STS researchers within 5 years of receipt of the Ph.D. and for graduate students who are regularly admitted students in STS graduate programs.

The STS Program supports research and related activities that contribute to systematic understanding of the character and development of science and technology, including their cultural, intellectual, material, and social dimensions. The program supports research on the nature and development of technology and science, both in the past and present; on differences in the nature of theory and evidence in various fields of science and engineering; and on the interactions among science, technology and society. Proposals are welcomed from various disciplinary perspectives, including history of science, history of technology, philosophy of science, and various social sciences, including sociology, anthropology, and political science.

<http://www.nsf.gov/pubs/2004/nsf04531/nsf04531.txt>

3. NIH Career Development Opportunities

<http://grants2.nih.gov/training/careerdevelopmentawards.htm>

If you are a research doctorate who has completed or nearly completed postdoctoral training and is ready to make a transition to an independent position, you might consider the following awards:

K22	Career Transtion Award - The Career Transtion Award is not offered by all of the NIH institutes and centers, but for those that do offer it it provides an opportunity for postdocs to apply for independent research and career development support. Some of these awards support and additional period of postdoc training followed by a period of support as an independent researcher. Others just include an independent segment.
R03	Small Grant - Many of the NIH institutes and centers permit investigators to apply for small grants to support projects for which there may not be a lot of preliminary data.

R01

Traditional Research Grants - All of the NIH institutes and centers support R01 awards. The NIH has made a commitment to ensuring that the number of new investigators funded each year remains stable.

4. American Chemical Society ACS PRF Type G "Starter" Grants

Type G grants are intended for new faculty within the first three years of a regular appointment as an "Assistant Professor" or the equivalent. For grants beginning in 2002 the amount is \$35,000 over two years. A detailed budget is not required. A Type G grant may fund student stipends, summer salary for the principal investigator, supplies, equipment, and travel. Upon receipt, Type G applications are subdivided based upon the highest degree granted in the applicant's department. Type G applications from faculty holding positions in non-doctoral departments are considered in competition only with applications from faculty in similar departments. **Only faculty at U.S. institutions may apply for Type G grants.** In 2003, 432 applications from faculty in graduate and undergraduate departments resulted in 130 grants totaling \$4,550,000.

Click [here](#) to download Eligibility, Terms, and Conditions for Type G Grants.

<http://www.chemistry.org/portal/a/c/s/1/acdisplay.html?DOC=prf/prfgrant.html>

5. Beckman Young Investigator Award

To be eligible, an applicant should not have completed more than three full years in his or her tenure-track or other comparable independent research appointment on the anniversary date of initial appointment in the year in which the application is to be made. Regardless of eligibility under this rule, no individual may apply for a Beckman Young Investigator award more than three times.

The program is open to persons with tenure-track appointments in academic and nonprofit institutions that conduct fundamental research in the chemical and life sciences. Candidates must be citizens or permanent residents of the United States at the time of application. Documentation of permanent residency status must be provided with the application. Persons who have applied for permanent residency but have not received their government documentation by the time of application are not eligible.

<http://www.beckman-foundation.com/byiguide.html>

6. New Scientist Awards - Alcoholic Beverage Medical Research Foundation

The Alcoholic Beverage Medical Research Foundation (ABMRF) provides support for scientific studies on the use and prevention of misuse of alcoholic beverages. Funding is provided for interdisciplinary research in the biological, medical, epidemiological, behavioral, and social sciences in this field.

New Scientist Awards provide support for the career development of highly promising new scientists just entering the field of alcohol research. The award is

intended to provide funds for an original research project conducted by the awardee, to assist in the transition to independent research status following completion of training.

<http://www.abmrf.org/grants.htm>

7. Charles E. Culpeper Biomedical Pilot Initiative – Rockefeller Brothers Fund

The foundation seeks to encourage the creation of promising new approaches to the challenges facing the health care field. To this end, it has created the Biomedical Pilot Initiative. The initiative is designed to support the investigation of novel ideas in the areas of the foundation's interest in health, particularly in molecular genetics, bioengineering, molecular pharmacology, and health services research.

The purpose of these grants is to explore new and even untested hypotheses, thus preliminary information is not required. These grants could be viewed as "venture capital" investments that should lead to greater funding opportunities through traditional sources. Applicants may include young investigators seeking to establish independent directions or established investigators pursuing new directions. Applications will be accepted from non-profit health care organizations, accredited medical schools, and universities in the United States. Amount is \$25,000/yr. <http://www.rbf.org/programs/biomed.html>

8. Research Opportunity Grants – American Cancer Society

Eligibility:

Applicants must be, at the time of the application, citizens or non-citizen nationals of the United States or its possessions and territories, or must have been lawfully admitted to the United States for permanent residence at the time of application. Beginning, independent investigators may receive concurrent support as the Principal Investigator (PI) of one Research Project Grant and a Targeted Research Project Grant and/or a Research Opportunity Grant. Senior investigators ineligible to receive concurrent support as a Research Project Grant PI, are only eligible for funding as PIs of a Targeted Research Project Grant and/or Research Opportunity Grant. Research Opportunity Grants (ROG) are intended to provide limited funds for a single year for a variety of critical and urgent needs in cancer research. The research should meet the society's definitions of preclinical, epidemiology, or clinical research, which includes cancer control, health policy, health services, and psychosocial and behavioral research. Basic research projects will not be considered for funding.

The project should not be easily or, in a timely way, supportable via the society's other research programs. These grants are not intended to duplicate more traditional grant applications nor to provide support for generating routine pilot data nor to provide bridging support for an unfunded project.

Applications for a Research Opportunity Grant must meet one or more of the

following requirements:

1. The delay required to accomplish standard American Cancer Society review of the project would seriously delay a major advance; (example: new therapeutic approach to a currently untreatable cancer, such as pancreatic cancer, or the development of a highly efficient and effective screening/diagnostic test for ovarian cancer).
2. The project is a unique opportunity that is time limited; (example: a new marker that has been developed after a clinical trial has started).
3. The need is for an emergency that would significantly hamper the productivity of an ongoing project(s); (example: equipment failure).

http://www.cancer.org/docroot/RES/content/RES_5_2x_Research_Opportunity_Grants_for_Beginning_and_Senior_Investigators.asp?sitearea=RES

9. NSF Young Investigator Awards in Plant Genome Research:

NSF 04-510

This activity is designed to increase participation of new investigators in plant genome research. Young investigators are encouraged to submit individual or small collaborative projects to establish themselves as active members of the plant genome research community and become tomorrow's leaders.

<http://www.nsf.gov/pubs/2004/nsf04510/nsf04510.txt>

10. American Heart Association

To support highly promising beginning scientists in their progress toward independence by encouraging and adequately funding research projects that can serve to bridge the gap between completion of research training and readiness for successful competition as an independent investigator.

Science Focus: Research broadly related to cardiovascular function and disease, stroke or to related clinical, basic science, bioengineering or biotechnology, and public health problems.

Eligibility:

- MD, PhD, DO, DVM or equivalent doctoral degree at application.
- Applicants should be faculty/staff member initiating independent research careers, usually at the rank of Instructor or Assistant Professor (or their equivalents).
- Must have faculty/staff appointment at activation.
- At the time of award activation, no more than 4 years will have elapsed since an applicant's first faculty/staff appointment at the Assistant Professor level or its equivalent.
- Applications may be submitted for review in the final year of a postdoctoral research fellowship or in the initial years of the first faculty/staff appointment.
- Must meet institutional requirements for grant submission at time of application.
- An applicant cannot hold, nor have held, any other national award prior to the activation date of the Scientist Development Grant.

<http://www.americanheart.org/presenter.jhtml?identifier=9215#sdg>

12. Camille and Henry Dreyfus Awards in Chemistry/Chemical engineering -
These are all institutionally limited.

[New Faculty Award Program](#) is open to all academic institutions in the States, Districts, and Territories of the United States of America that grant a doctoral degree in chemistry, biochemistry, or chemical engineering. Faculty members who start their first tenure-track appointment in one of these departments in 2004 are eligible for nomination in 2004. .

[Henry Dreyfus Teacher-Scholar Awards Program](#) - Nominees must hold a full-time tenure-track academic appointment, be between the fourth and twelfth years of their independent academic careers, and **engage in teaching and research primarily with undergraduates**. Institutions may submit only one Camille Dreyfus or one Henry Dreyfus Teacher-Scholar nomination annually.

[Camille Dreyfus Teacher-Scholar Awards Program](#) - Nominees must hold a full-time tenure-track academic appointment in a department focused on the chemical sciences, and are normally expected to be within the first five years of their independent academic careers. Institutions may submit only one Camille Dreyfus or one Henry Dreyfus Teacher-Scholar nomination annually.

<http://www.dreyfus.org/>

13. NAVY - Young Investigator Awards

The objectives of the Young Investigator Program (YIP) are to attract to naval research outstanding new faculty members at institutions of higher education, to support their research, and to encourage their teaching and research careers. ONR anticipates making about 24 new awards in Fiscal Year 2004 to academic researchers who have received Ph.D. or equivalent degrees on or after 1 November 1998. Awards of up to \$100,000 per year for three years, with the possibility of additional support for capital equipment or collaborative research with a Navy laboratory, are made, based on research proposals and supporting materials. Special attention will be given to proposals in naval priority research areas, described in the [science & technology](#) section of the ONR Website. In addition, it is anticipated that two of these applicants receiving an ONR Young Investigator award will also be selected to receive a Presidential Early Career Award for Scientists and Engineers.

http://www.onr.navy.mil/sci_tech/industrial/363/yip.asp