

Faculty Sponsored Awards in Arts, Humanities, Science, Engineering and Health

***Note:** Information for an NSF or NIH CAREER Award is only needed if the faculty member received while employed at a different institution. All NSF or NIH CAREER Awards received by a faculty member at the University of South Carolina are reported under sponsored awards.

Source: Directories or web-based listings for multiple agencies or organizations. For this category, we collect data from several prominent grant and fellowship programs in the arts, humanities, science, engineering and health fields. Included in this measure are:

- **Beckman Young Investigators**

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

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.

The BYI program is open to persons with tenure-track appointments in academic and non-profit institutions that conduct fundamental research in the chemical and life sciences. No more than one candidate from any one institution, or its affiliates, will be selected for the BYI award in any particular funding cycle. Candidates must be citizens or permanent residents of the United States at the time of application. Persons who have applied for permanent residency but have not received their government documentation by the time of application are not eligible. To be eligible, an applicant should not have completed more than five full years in his or her tenure-track or other comparable independent research appointment. Regardless of eligibility under this rule, no individual may apply for a BYI award more than three times. Review candidate descriptions for more detailed information.

- **Burroughs Wellcome Fund Career Awards**

[http://www.bwfund.org/pages/266/CAMS-Program-Application-\(Pre-Award\)/](http://www.bwfund.org/pages/266/CAMS-Program-Application-(Pre-Award)/)

The Career Awards for Medical Scientists (CAMS) program is the result of the reformulation of the Career Awards in the Biomedical Sciences (CABS), which was instituted by the Burroughs Wellcome Fund (BWF) in 1995 and ran through the 2006 award year. In response to the NIH's K99/R00 Pathway to Independence program, which was modeled after the CABS award, BWF has shifted the focus of the CABS program to address an on-going problem. By increasing the number of physician scientists and keeping them in research, BWF believes that this bridging award, supporting the last year(s) of a mentored position in addition to supporting the beginning years of an independent position, will facilitate the transition to a career in research and buy time from service commitments.

Candidates must be nominated by their dean or department chair at the degree-granting institution where they will conduct the postdoctoral/fellowship training under the award.

CAMS provide \$700,000 over five years to bridge advanced postdoctoral/fellowship training and the early years of faculty service. The ideal candidate will be two years away from becoming an independent investigator, have at least two years or more of postdoctoral research experience, and have a significant publication record. Candidates must hold an M.D., D.D.S., D.V.M., or equivalent clinical degree. Review candidate descriptions for more detailed information.

Howard Hughes Medical Institute Investigators

<http://www.hhmi.org/research/investigators/>

There are about 330 Howard Hughes Medical Institute investigators who continue to push the bounds of knowledge in many important areas in biomedical research. Widely known for their creativity and productivity, the current group of HHMI investigators includes 13 Nobel laureates and 147 members of the National Academy of Sciences. During periodic, open competitions, the Institute solicits applications from researchers at universities, medical schools, and other research institutions across the United States, with the aim of identifying individuals who have the potential to make significant contributions to science. Once selected, they continue to be based at their institutions—called “host institutions”—typically leading a research group of 10–25 students, postdoctoral associates, and technicians. Because HHMI is classified as a medical research organization under the Internal Revenue Code, HHMI investigators and some of their laboratory personnel are Institute employees, supported by local field offices throughout the country. Appointment is for a five-year term, which may be renewed after an exacting review process.

HHMI seeks to identify researchers who are, or have the potential to become, scientific leaders. The competition is open to scientists who have trained in the United States, run their own labs for less than seven years, and work in one of 18 eligible countries. Those countries are Argentina, Brazil, Chile, China, Czech Republic, Egypt, Hungary, India, Italy, Mexico, Poland, Portugal, Russia, South Africa, South Korea, Spain, Taiwan, and Turkey. Review candidate descriptions for more detailed information.

National Institutes of Health (NIH) MERIT (R37)

<http://www.niaaa.nih.gov/RESEARCHINFORMATION/EXTRAMURALRESEARCH/RESOURCESAPPGRANTEES/Pages/MERIT.aspx>

The MERIT Award provides long-term, stable support to investigators whose research competence and productivity are distinctly superior and who are likely to continue to perform in an outstanding manner. It is intended to foster their continued creativity and lessen the administrative burdens associated with the preparation and submission of research grant applications.

The candidate must be the principal investigator of a competing renewal investigator-initiated individual research project grant (R01) application that was reviewed by the NIAAA Council. The grant application must be recommended by the NIAAA Council for 4 or 5 years of support and be within the major research area of the principal investigator and research in that area must be expected to continue for the next seven to ten years. The investigator is recognized as a leader in the field and has made significant contributions to the progress of research in this area and is expected to devote sufficient effort to the project as viewed by the NIAAA Council. The principal investigator must have an impressive record of scientific accomplishment in areas within the purview of the NIAAA. The principal investigator must have had a minimum of ten

years of independent research support from the NIH at the time of consideration for a MERIT Award. The candidate is expected to maintain a high degree of research productivity during the project period of the MERIT Award. Review candidate descriptions for more detailed information.

- **NSF CAREER awards (excluding those who are also PECASE winners)**

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503214

The Faculty Early Career Development (CAREER) Program is a Foundation-wide activity that offers the National Science Foundation's most prestigious awards in support of junior faculty who exemplify the role of teacher-scholars through outstanding research, excellent education and the integration of education and research within the context of the mission of their organizations. Such activities should build a firm foundation for a lifetime of leadership in integrating education and research. NSF encourages submission of CAREER proposals from junior faculty members at all CAREER-eligible organizations and especially encourages women, members of underrepresented minority groups, and persons with disabilities to apply.

Only assistant professors without tenure are eligible. The CAREER Program is intended for faculty members who are at or near the beginning of their careers. As long as you remain in a tenure-track Assistant Professor (or equivalent) position until the October 1st following your proposal submission deadline you will be eligible for CAREER. However, if your appointment changes to Associate Professor (either tenure-track or tenured) on or before the October 1st following your proposal submission deadline you would not be eligible for CAREER. Note that CAREER appointment eligibility is determined by the date your appointment becomes effective at your university, not by the date on the letter notifying you of your promotion. Therefore, you should not submit a proposal if you anticipate that your title will change to Associate Professor on or before the October 1st following the proposal submission deadline. Review candidate descriptions for more detailed information.

- **Pew Scholars in Biomedicine**

http://www.pewtrusts.org/our_work_category.aspx?id=194

The Pew Scholars Program in the Biomedical Sciences provides funding to young investigators of outstanding promise in science relevant to the advancement of human health. The program makes grants to selected academic institutions to support the independent research of outstanding individuals who are in their first few years of their appointment at the assistant professor level.

The Program is open to individuals with a doctorate in medicine or biomedical sciences. As of November 1, 2011, candidates must hold full-time appointments at the rank of assistant professor or equivalent at one of the invited sponsoring institutions. On July 1, 2012, they must not have been in such an appointment for more than three years, whether or not such appointments were on a tenure track. This time may have been spent at more than one institution. Time spent in clinical internships, residencies, or in work toward board certification does not count as part of this three-year limit.

Candidates should, on basis of performance during education and training, have outstanding promise as contributors in science relevant to human health. Strong proposals will demonstrate particularly creative and innovative approaches. The major elements upon which selection of the successful candidates will be based are a detailed description of the work the applicant proposes

to undertake, evaluations of earlier performance from previous mentors, and notable past accomplishments, including honors, awards and publications. In evaluating the candidates, the National Advisory Committee gives considerable weight to evidence that the candidate is an independent investigator and to significant published work.

ALL applicants must be nominated by their institution and complete the online application. Applicants with committed awards from similar private foundations in excess of \$50,000 a year during the first two years of the Pew Scholarship are ineligible. Individuals who are chosen to be Pew Scholars may not simultaneously be supported by similar private foundation awards in excess of \$50,000 a year during the first two years of the Pew support. These awards include but are not limited to those of the Searle Scholars Program, Rita Allen Scholars, Merck Fund and Beckman. Funding from the NIH, other government sources, and project grants from nonprofit associations such as the American Cancer Society do not pose a conflict with the Pew Scholars Program. Review candidate descriptions for more detailed information.

- **Presidential Early Career Awards for Scientists and Engineers (PECASE)**

<http://www.nsf.gov/od/oia/activities/pecase/>

The PECASE Awards are intended to recognize some of the finest scientists and engineers who, while early in their research careers, show exceptional potential for leadership at the frontiers of scientific knowledge during the twenty-first century. The Awards foster innovative and far-reaching developments in science and technology, increase awareness of careers in science and engineering, give recognition to the scientific missions of participating agencies, enhance connections between fundamental research and national goals, and highlight the importance of science and technology for the nation's future. The PECASE Award is the highest honor bestowed by the U.S. government on outstanding scientists and engineers beginning their independent careers. The awards are conferred annually at the White House following recommendations from participating agencies. To be eligible for a PECASE Award, an individual must be a U.S. citizen, national or permanent resident. Each Presidential award winner receives a citation, a plaque and funding from their agency for up to five years to advance his or her research. Individuals can receive only one PECASE award in their careers.

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Capaldi, Elizabeth D., Lombardi, John V., Craig, Abbey W., Craig, Diane D. *The Top American Research Universities*, 2010 Annual Report. Pages 225-226.