

RESEARCH FUNDING OPPORTUNITIES FOR NEW AND YOUNG FACULTY

Listed below are some of the more popular funding opportunities for new/young faculty. Please note that this list is by no means exhaustive—there are quite a number of available opportunities open to new faculty that vary widely by discipline and sponsor. Please [contact OSP](#) if you would like more information on searching for, and identifying appropriate funding opportunities.

National Science Foundation: Faculty Early Career Development (CAREER) Program: The intent of the program is to provide stable support at a sufficient level and duration to enable awardees to develop careers as outstanding researchers and educators who effectively integrate teaching, learning and discovery. The minimum CAREER award size is \$400,000 for a five-year period for all directorates except BIO. For proposals submitted to the BIO directorate, the minimum award size is \$500,000 over five years.

<https://www.nsf.gov/pubs/2020/nsf20525/nsf20525.htm>

National Science Foundation: Computer and Information Science and Engineering (CISE) Research Initiation Initiative (CRII): NSF CRII supports untenured faculty or research scientists (or equivalent) in their first three years in a primary academic position after the PhD, but not more than five years after completion of their PhD.

<https://www.nsf.gov/pubs/2021/nsf21591/nsf21591.htm>

National Science Foundation: Early Concept Grants for Exploratory Research (EAGER): The EAGER funding mechanism may be used to support exploratory work in its early stages on untested, but potentially transformative, research ideas or approaches. This work may be considered especially "high risk-high payoff" in the sense that it, for example, involves radically different approaches, applies new expertise, or engages novel disciplinary or interdisciplinary perspectives. Requests may be for up to \$300,000 and of up to two years duration. Requests may be for up to \$300,000 and of up to two years duration. PI(s) must contact the NSF program officer(s) whose expertise is most germane to the proposal topic prior to submission of an EAGER proposal.

https://www.nsf.gov/pubs/policydocs/pappg20_1/pappg_2.jsp#IIE2

Office of Naval Research: Young Investigator Program: The program supports academic scientists and engineers who have received Ph.D. or equivalent degrees within the last five years. The objectives are to attract outstanding faculty members to the Department of the Navy's research program, to support their research, and to encourage their teaching and research careers. Proposals may request up to \$170,000 per year for three years.

<http://www.onr.navy.mil/Science-Technology/Directorates/office-research-discovery-invention/Sponsored-Research/YIP.aspx>

Air Force Office of Scientific Research: Young Investigator Program: This program supports scientists and engineers in Air Force relevant disciplines and is designed to promote innovative research in science and engineering. The awards foster creative basic research in science and engineering, enhance early career development of outstanding young investigators, and increase opportunities to recognize Air Force mission and challenges in science and engineering.

<https://www.afrl.af.mil/About-Us/Fact-Sheets/Fact-Sheet-Display/Article/2282106/afosr-funding-opportunities-special-programs/#anchor2>

Defense Advanced Research Projects Agency (DARPA): Young Faculty Award (YFA): The objective of the DARPA YFA program is to identify and engage rising research stars in junior faculty positions at U.S. academic institutions and expose them to Department of Defense needs as well as DARPA's program development process. DARPA intends to

award grants to eligible university faculty: each grant will be a maximum level of \$300,000 for 24 months (specifically, a 12 month base period and 12 month option period each a maximum of \$150,000).

<https://www.darpa.mil/work-with-us/for-universities/young-faculty-award>

National Institutes of Health: NIH Director's New Innovator Award Program (DP2): The NIH Director's New Innovator (DP2) Award program was created in 2007 to support a small number of early stage investigators of exceptional creativity who propose bold and highly innovative new research approaches that have the potential to produce a major impact on broad, important problems in biomedical and behavioral research.

<https://commonfund.nih.gov/newinnovator>

National Institutes of Health CAREER Development Awards: A number of extramural training mechanisms for new/early stage investigators are listed at the following URL: <https://researchtraining.nih.gov/programs/career-development>

National Institutes of Health: NIH Small Research Grant Program (Parent R03): The National Institutes of Health (NIH) Investigator-Initiated Small Grant (R03) funding opportunity supports small research projects that can be carried out in a short period of time with limited resources.

<https://grants.nih.gov/grants/guide/pa-files/PA-20-200.html>

National Institutes of Health (NIH): NIH Exploratory Developmental Research Grant Program (Parent R21): The NIH Exploratory/Developmental Grant (R21) funding opportunity supports the development of new research activities in categorical program areas.

<https://grants.nih.gov/grants/guide/pa-files/PA-20-195.html>

Department of Energy: Office of Science Early Career Research Program: The purpose of this program is to support the development of individual research programs of outstanding scientists early in their careers and to stimulate research careers in the areas supported by the DOE Office of Science. DOE expects the typical award size will be \$750,000 over five years. Applicants are encouraged to propose research expenditures as close to the funding minimum as possible. Typical budgets will be \$150,000 per year for five years.

<https://science.osti.gov/early-career>

American Heart Association: Career Development Award: AHA supports highly promising healthcare and academic professionals, in the early years of one's first professional appointment, to explore innovative questions or pilot studies that will provide preliminary data and training necessary to assure the applicant's future success as a research scientist.

<https://professional.heart.org/en/research-programs/application-information/career-development-award> [Scientist-Development-Grant](#) UCM 443318 Article.jsp

American Chemical Society: Undergraduate New Investigator: The Doctoral New Investigator grants program aims to promote the careers of young faculty by supporting research of high scientific caliber, and to enhance the career opportunities of their undergraduate/graduate students and postdoctoral associates through the research experience.

<https://www.acs.org/content/acs/en/funding-and-awards/grants/prf/programs/uni.html> se&sec_url_var=region1&uid=a46808af-6f36-4db7-8931-a495923c58c0

The Arnold and Mabel Beckman Foundation: Beckman Young Investigator Program: The Beckman Young Investigator 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 particularly to foster the invention of methods, instruments and materials that will open up new avenues of research in science. *Projects* are normally funded for a period of four years. *Grants* may be in the range of \$750,000 over the term of the project, contingent upon demonstrated progress following the first two years of the award.

<https://www.beckman-foundation.org/programs/beckman-young-investigator/>

American Speech-Language-Hearing Foundation, New Investigators Research Grant: This opportunity supports new investigators by funding preliminary studies that could launch larger-scale research investigations. It is open to researchers with a PhD or equivalent research doctorate earned within past five years and offers a maximum award of \$10,000.

<https://www.ashfoundation.org/apply/#Grants>

Brain and Behavior Research Foundation: BBRF Young Investigator Grants: The program offers up to \$35,000 per year for two years to enable promising investigators to either extend their research fellowship training or to begin careers as independent research faculty. All research must be relevant to the understanding, treatment and prevention of serious psychiatric disorders.

<https://www.bbrfoundation.org/grants-prizes/bbrf-young-investigator-grants>

Camille and Henry Dreyfus Foundation: Camille Dreyfus Teacher-Scholar Awards: This program offers \$100,000 grants to young faculty in the chemical sciences. Criteria for selection include an independent body of scholarship attained in the early years of the appointment and a demonstrated commitment to education.

<https://www.dreyfus.org/camille-dreyfus-teacher-scholar/>

Research Corporation for Science Advancement: Cottrell Scholars: Eligible applicants are tenure-track faculty members who hold an appointment in a chemistry, physics or astronomy department. Eligibility is limited to faculty at the end of third year of first faculty appointment.

<https://rescorp.org/cottrell-scholars/cottrell-scholar-award>

Alfred P. Sloan Foundation: Sloan Research Fellowships: Fellowships support fundamental research by early-career scientists and scholars. Candidates must hold a Ph.D. (or equivalent) in chemistry, computational or evolutionary molecular biology, computer science, economics, mathematics, neuroscience, ocean sciences, physics, or a related field.

<https://sloan.org/fellowships/>

American Mathematical Society: Centennial Fellowships: The AMS Centennial Research Fellowship Program makes awards annually to outstanding mathematicians to help further their careers in research.

http://www.ams.org/prizes-awards/paview.cgi?parent_id=11
