

**College of Arts and Sciences, Sciences**

Grant Agency	Program Synopsis	Deadline
<b>Chemistry</b>		
<a href="#">Camille Dreyfus Teacher-Scholar Awards, Camille and Henry Dreyfus Foundation</a>	This award funds talented young faculty in the chemical sciences. Criteria for selection include an independent body of scholarship attained within the first five years of their appointment as independent researchers, and a demonstrated commitment to education. <b>Awards are \$75,000 for one year.</b>	February 10 (approx., every year)
<b>Environmental Science</b>		
<a href="#">Walter A. Rosenblith New Investigator Award, Health Effects Institute</a>	The award provides three years of funding for a small research project on the health effects of air pollution to a new investigator at the assistant professor or equivalent level.	April for letter of intent
<b>Mathematics</b>		
<a href="#">Centennial Fellowships, American Mathematical Association</a>	The program makes awards to outstanding mathematicians to help further their careers in research. Recipients shall have held the doctoral degree for at least three years and not more than twelve years at the inception of the award. Preference will be given to candidates who have not had extensive fellowship support in the past. Recipients may not hold the Fellowship concurrently with another research fellowship such as a Sloan or NSF postdoctoral fellowship.	December 1 (approx. every year)
<b>Mathematics or Computer Science</b>		
<a href="#">Computational and Data-Enabled Science and Engineering (CDS&amp;E), NSF</a>	The CDS&E program in Mathematical and Physical Science explicitly addresses the distinct intellectual and technological discipline lying at the intersection of applied mathematics, statistics, computer science, and the core science disciplines of astronomy, chemistry, physics, mathematics, and materials research. Proposals are expected to be relevant to mathematical and physical sciences.	Math: Nov 25 - Dec 09 every year Physics: Nov 29 every year
<b>General Sciences</b>		
<a href="#">Beckman Young Investigator Program, Arnold and Mabel Beckman Foundation</a>	This program supports young faculty 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. To be eligible, an applicant should not have completed more than four full years in his or her tenure-track or other comparable independent research appointment. <b>Grants may be in the range of \$750,000 over four years.</b>	September for letter of intent
<a href="#">Computing and Communication Foundations (CCF)</a>	The Division of Computing and Communication Foundations (CCF) supports transformative research and education projects that explore the foundations of computing and communication. The Division seeks advances in computing and communication theory, algorithm design and analysis, and the architecture and design of computers and software. CCF-supported projects also investigate revolutionary computing models and technologies based on emerging scientific ideas and integrate research and education activities to prepare future generations of computer science and engineering workers.	<ul style="list-style-type: none"> <li>• Small: Jan 02-14 , every year</li> <li>• Medium: Sep 02-19, every year</li> <li>• Large: Nov 04-19, every year</li> </ul>

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<a href="#">Cottrell Scholar Awards, Research Corporation</a>	Eligible applicants are tenure-track faculty members at U.S. institutions whose primary appointment is in a department of astronomy, biochemistry, biophysics, chemistry, or physics, but not in a school of medicine or engineering. Eligibility is limited to faculty in the third year after their first tenure-track appointment. <b>Awards are in the amount of \$75,000.</b> And require matching funds from college.	August 15 (every year)
<a href="#">Early Career Research Program, Office of Science</a>	This grant supports the development of individual research programs of outstanding scientists early in their careers and stimulates research careers in the disciplines supported by the DOE Office of Science: Advanced Scientific Computing Research; Biological and Environmental Research; Basic Energy Sciences, Fusion Energy Sciences; High Energy Physics, and Nuclear Physics. Applicants must be no more than ten years beyond the Ph.D. at the deadline for the application.	September for required pre-application, November for application
<a href="#">Educational and Economic Opportunity, Carnegie Corporation of New York</a>	The foundation calls for concrete actions urging them to coalesce to “do school differently” in order to transform math and science education. The Opportunity Equation Web site will continue to be a robust hub for science, technology, engineering and math (STEM) education resources for stakeholder audiences, and particularly for states developing STEM plans to meet the competitive priority in their Race to the Top proposals. There are no specific rules about budget limitations.	Letter of Inquiry are accepted in a rolling basis
<a href="#">Grants-in-Aid, Whitehall Foundation</a>	The Grants-in-Aid program is designed for researchers at the assistant professor level who experience difficulty in competing for research funds because they have not yet become firmly established. They are awarded for a one-year period and are up to \$30,000	Jan 15, Apr 15 and Oct 01 every year for letter of intent
<a href="#">Improving the quality of K-12 education: primary interest in mathematics and science; Toyota Foundation</a>	The Toyota USA Foundation is committed to enhancing the quality of K-12 education by supporting innovative programs and building partnerships with organizations dedicated to improving the teaching and learning of mathematics, science and environmental science. Grants are provided to support the development and implementation of programs that generally <b>range from \$50,000 - \$200,000</b>	Reviews applications continually
<a href="#">New and Early Stage Investigator Policies, NIH</a>	"New Investigators" are defined as a PI who has not competed successfully for a substantial NIH independent research award. In order to address both the duration of training and to protect the influx of new investigators, the NIH identified Early Stage Investigators. ESIs are New Investigators who are within 10 years of completing their terminal research degree or within 10 years of completing their medical residency at the time they apply for R01 grants.	March 5, July 5, and November 5 (every year)
<a href="#">Sloan Research Fellowships, Alfred P. Sloan Foundation</a>	Fellowships support fundamental research by early-career faculty in chemistry, computational or evolutionary molecular biology, computer science, economics, mathematics, neuroscience, ocean sciences (including marine biology), physics, or a related field. Candidates should be no more than six years from completion of their most recent Ph.D. (or equivalent) as of the year of their nomination. <b>Awards are \$50,000 for two years.</b>	September (every year)
<a href="#">Young Investigator Program, Air Force Office of Scientific Research</a>	The Air Force YIP supports scientists and engineers who have received Ph.D. or equivalent degrees in the last five years and show exceptional ability and promise for conducting basic research. The objective of this program is to foster creative basic research in science and engineering; enhance early career development of outstanding young investigators; and increase opportunities for the young investigator to recognize the Air Force mission and related challenges in science and engineering. <b>Each award will be funded at the \$120,000 level for three years.</b> Exceptional proposals will be considered individually for higher funding levels and longer duration.	July or August

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<a href="#">Young Investigator Program, Office of Naval Research</a>	<p>ONR's Young Investigator Program (YIP) seeks to identify and support academic scientists and engineers who are in their first or second full-time tenure-track or tenure-track-equivalent academic appointment and for FY2013, have begun their first appointment on or after 01 November 2008, and who show exceptional promise for doing creative research. 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. <b>Proposals may request up to \$170,000 per year for three years.</b></p>	<p>Early January</p>