

**Awards, Prizes, and Major Funding Opportunities
June 2004**

Grant Agencies offering broad opportunities			
<i>Name of Grant Agency</i>		<i>Web Site</i>	
NSF		http://www.nsf.gov/home/grants.htm	
NASA		http://www.nasa.gov/home/index.html	
NIST		http://www.nist.gov/public_affairs/grants.htm	
NIH		http://grants.nih.gov/grants/index.cfm	
DoD ONR ARL AFOSR		http://www.onr.navy.mil/default.asp http://www.arl.army.mil/alliances/ http://www.afosr.af.mil	
DoE		http://www.doe.gov/engine.do?BT_CODE=SCIENCE	
DoC		http://www.doc.gov/	
NSA		http://www.nsa.gov/	
Major Awards and Prizes			
<i>Name of Award or Prize</i>	<i>Name of Sponsor</i>	<i>Web Site</i>	<i>Description</i>
Packard	David & Lucille Packard Foundation	http://www.packfound.org/ http://www.packard.org/index.cgi?page=science	The Foundation provides grants to nonprofit organizations in the following broad program areas: conservation; population; science; children, families, and communities; arts; and organizational effectiveness and philanthropy.
Sloan	Alfred P. Sloan Foundation	www.sloan.org/main.shtml	The Foundation's programs and interests fall into the following areas: Science and Technology, Standard of Living and Economic Performance, Education and Careers in Science and Technology, Selected National Issues and Civic Programs.
Guggenheim	John Simon Guggenheim Memorial Foundation	www.gf.org .	The John Simon Guggenheim Memorial Foundation provides fellowships for advanced professionals in all fields (natural sciences, social sciences, humanities, creative arts) except the performing arts. The Foundation only supports individuals. It does not make grants to institutions or organizations.

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Keck	W.M. Keck Foundation	http://www.wmkeck.org/files/grant.html	The primary interest of the W. M. Keck Foundation continues to be support for exemplary scientific, engineering, and medical research programs at accredited universities and colleges throughout the United States.
Fulbright	Fulbright Foundation	www.fulbrightalumni.org/olc/pub/FBA/gfn/grants.html	Fulbright grants are made to U.S. citizens and nationals of other countries for a variety of educational activities, primarily university lecturing, advanced research, graduate study and teaching in elementary and secondary schools.
Cottrell Scholars	Research Corp.	http://www.rescorp.org/csa/csa.htm	Cottrell Scholar Awards are for beginning faculty members who wish to excel at both research and teaching in Astronomy, Chemistry, or Physics.
Dreyfus Fellows	Camille and Henry Dreyfus Foundation	http://www.dreyfus.org/sf.shtml	The Camille and Henry Dreyfus Scholar/Fellow Program for Undergraduate Institutions is designed to attract talented Ph.D. recipients to careers as teacher-scholars in chemistry, chemical engineering, and biochemistry departments of undergraduate colleges and universities, guided by accomplished faculty from these institutions.
Pew Scholars	The Pew Charitable Trusts.	http://futurehealth.ucsf.edu/pewscholar.html	The Pew Scholars Program in the Biomedical Sciences is designed to support young investigators of outstanding promise in the basic and clinical sciences relevant to the advancement of human health.
Searle Scholars	John G. and Frances C. Searle Trust	www.searlescholars.net/apply/index.html	The Searle Scholars Program makes grants to selected universities and research centers to support the independent research of exceptional young faculty in the biomedical sciences and chemistry

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NATO	North Atlantic Treaty Organization	http://www.nato.int/science/index.html	A.BASIC FELLOWSHIPS, for those who have a first university degree and wish to further their science or engineering education by following a higher degree course abroad. B.ADVANCED FELLOWSHIPS, for scientists with a Ph.D. or an equivalent degree and/or sufficient research experience to conduct independent research. C.SENIOR FELLOWHIPS, for senior scientists to lecture or pursue research in institutions abroad.
Kellogg Grant	W.K. Kellogg Foundation	http://www.wkkf.org/grants/default.aspx	The W. K. Kellogg Foundation is a nonprofit organization whose mission is to apply knowledge to solve the problems of people. Its founder W. K. Kellogg, established the Foundation in 1930. Since its beginning the Foundation has continuously focused on building the capacity of individuals, communities, and institutions to solve their own problems.
Wolf Prize	Wolf Foundation	http://www.aquanet.co.il/wolf/	Five or six yearly prizes are awarded since 1978 to outstanding living scientists and artists...in the interest of mankind and friendly relations among peoples. In SCIENCE, the fields are: AGRICULTURE, CHEMISTRY, MATHEMATICS, MEDICINE, and PHYSICS. The prize in each area consists of a diploma and US \$100,000.
Nobel Prize	Nobel Foundation	http://www.nobel.se	The Nobel Prize is the first international award given yearly since 1901 for achievements in physics, chemistry, medicine, literature and peace. The prize consists of a medal, a personal diploma, and a prize amount.

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MacArthur Prize and Fellows Program	The John D. and Catherine T. MacArthur Foundation	http://www.macfound.org	The MacArthur Fellows Program awards unrestricted fellowships to talented individuals who have shown extraordinary originality and dedication in their creative pursuits, and a marked capacity for self-direction. There are three criteria for selection of Fellows: exceptional creativity, promise for important future advances based on a track record of significant accomplishment, and potential for the fellowship to facilitate subsequent creative work.
NAE Award	National Academy of Engineering	http://www.nae.edu	One of the NAE's goals is to recognize the superior achievements of engineers. Accordingly, election to Academy membership is one of the highest honors an engineer can receive. Beyond this, the NAE presents four awards to honor extraordinary contributions to engineering and society.
NAS Award	National Academy of Science	http://www.nas.edu/nas/nashome.nsf	Members and foreign associates are elected in recognition of their distinguished and continuing achievements in original research. In addition, the Academy presents a number of awards spanning a range of scientific disciplines to recognize outstanding achievements in science.
Pres. Medal of Science	US Government - National Science Board	http://www.nsf.gov/nsb/awards/nms/medal.htm	The National Medal of Science was established by Congress as a Presidential Award to be given to individuals "deserving of special recognition by reason of their outstanding contributions to knowledge in the physical, biological, mathematical, or engineering sciences."

Special Grant Opportunities within the major agencies

<i>Name of Program</i>	<i>Granting Agency</i>	<i>Web Site</i>	<i>Description</i>
Faculty Early Career Development (CAREER); supersedes Presidential Young Investigator Award and NSF NYI Awards	NSF	http://www.nsf.gov/home/crssprgm/career/start.htm	The CAREER Program is a Foundation-wide activity that supports junior faculty within the context of their overall career development. It combines in a single program the support of research and education of the highest quality and in the broadest sense. This premier program emphasizes the importance the Foundation places on the early development of academic careers dedicated to stimulating the discovery process in which the excitement of research is enhanced by inspired teaching and enthusiastic learning.
PECASE (Presidential Early Career Award for Scientists and Engineers)	US Govt - National Science and Technology Council (NSF)	http://www.nsf.gov/home/crssprgm/pecase/start.htm	The purpose of this award is to recognize demonstrated excellence, promise of future success in scientific or engineering research, and potential for eventual leadership of the recipients in their respective fields.
PFF (Presidential Faculty Fellows Program)	NSF	Now included under PECASE	
MRI	NSF	http://www.nsf.gov/od/oia/programs/mri	The Major Research Instrumentation (MRI) Program is designed to improve the condition of scientific and engineering (S&E) equipment used for research and research training in our Nation's academic institutions.

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MURI	DoD-Office of Naval Research	http://www.acq.osd.mil/ddre/research/muri/muri.htm	MURI awards are made in research topics specified by the participating defense agencies each year that the program is in force. Specified topics change each year. Awards are typically for a period of three years with two additional years possible as options to bring the total award to five-years, and at a funding level ranging from half a million to about a million dollars per year, dependent upon the topic, technical goals, and availability of appropriations.
CISE/ITR	NSF	http://www.itr.nsf.gov	The CISE Directorate supports investigator-initiated research in all areas of computer and information science and engineering, helps develop and maintain cutting-edge national computing and information infrastructure for research and education in general, and contributes to the education and training of the next generation of computer scientists and engineers. It funds the Information Technology Research (ITR) Program, which is designed not only to advance fundamental research in IT, but also new applications of IT in all scientific, engineering, and educational areas, as well as innovative infrastructure to support IT research and education.
Waterman	US Govt - National Science Board (NSF)	http://www.nsf.gov/nsb/awards/waterman/waterman.htm	The annual award recognizes an outstanding young researcher in any field of science or engineering supported by the National Science Foundation. In addition to a medal, the awardee receives a grant of \$500,000 over a three year period for scientific research or advanced study.