OPPORTUNITIES FOR NEW AND YOUNG FACULTY

**Young Investigator Program, Air Force Office of Scientific Research**
**Deadline: August**
**Synopsis:** 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.

**Research Corporation for Science Advancement**
[http://www.rescorp.org/](http://www.rescorp.org/)
**Deadline: August**
**Cottrell Scholar Awards and Cottrell Scholar Science Awards**
Research Corporation for Science Advancement is an active, hands-on foundation that stimulates advances in science. It supports original research in chemistry, physics, and astronomy. The main goal of the CSA program is to promote and support the university scholar model. University scholars are faculty members who have both excellent research programs and excellent approaches to student learning at the undergraduate level. Desired outcomes of the CSA program include: A culture shift in Ph.D.-granting institutions toward valuing the university scholar Increased attraction and retention of undergraduates in science Increased undergraduates from Ph.D.-granting institutions pursuing graduate degrees A key objective of the program is to build a community of outstanding scholar-educators who are dedicated to becoming leaders in both research and teaching and who collectively have the potential to change the way science is taught nationally. Scholars are required to attend at least two annual Cottrell Scholar conferences while the award is active. The annual conference seeks to promote community among Cottrell Scholars and is held in early July in Tucson, AZ.

**Young Faculty Award, DARPA**
**Deadline: January**
**Synopsis:** DARPA solicits ground-breaking single-investigator proposals from junior faculty for research and development in the areas of Physical Sciences, Engineering, Mathematics, Medicine, Biology, Information and Social Sciences of interest to DARPA’s Defense Sciences Office, Microsystems Technology Office, and Information Innovation Office.

**Early Career Research Program, Office of Science Department of Energy**
[http://science.energy.gov/early-career/](http://science.energy.gov/early-career/)
Deadline: September
Synopsis: 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.

New Investigator Program in Earth Science, NASA
http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&sollId=%7B6CD72169-D409-909B-7C88-939C54779B86%7D&path=open
Deadline: August (No solicitation 2012)
The New (Early Career) Investigator Program (NIP) in Earth Science is designed to encourage the integration of Earth system research and education/outreach by scientists and engineers at the early stage of their professional careers. The program encourages scientists and engineers at academic and/or research institutions to develop a broader sense of responsibility for effectively contributing to the improvement of science education and public science literacy; it provides an opportunity for the investigators to develop partnerships and/or enhance their skills, knowledge, and ability to communicate the excitement, challenge, methods, and results of their work to teachers, students, and the public. The Earth Science Division places particular emphasis on the investigators’ ability to promote and increase the use of space-based remote sensing through the proposed research and education projects.

New and Early Stage Investigator Policies, NIH
http://grants.nih.gov/grants/new_investigators/index.htm#commit
Pathway to Independence Award (K99-R00)
Deadline: February, June, October
The primary, long-term goal of the Pathway to Independence (PI) Award program is to increase and maintain a strong cohort of new and talented NIH-supported independent investigators. The PI award program is designed to facilitate a timely transition from a mentored postdoctoral research position to a stable independent research position with independent NIH or other independent research support at an earlier stage than is currently the norm.

NIH Director's New Innovator Award
Deadline: October
The NIH Director's New Innovator Award addresses two important goals: stimulating highly innovative research and supporting promising early stage investigators. Many new investigators have exceptionally innovative research ideas, but not the preliminary data required to fare well in the traditional NIH peer review system. As part of NIH's commitment to increasing opportunities for new scientists, it has created the NIH Director's New Innovator Award to support exceptionally creative early stage investigators who propose highly innovative projects that have the potential for unusually high impact. This award complements ongoing efforts by NIH and its institutes and centers to fund new investigators through R01 grants and other mechanisms.

Faculty Early Career Development (CAREER) Program, NSF
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503214
Deadline: July
Synopsis: 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.

Broadening Participation Research Initiation Grants in Engineering (BRIGE), NSF Directorate for Engineering
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503160

Deadline: January
Synopsis: ENG offers this BRIGE funding opportunity to all beginning engineers with the intent of increasing the diversity of researchers in the engineering disciplines. BRIGE aims to support innovative research and diversity plans that contribute to recruiting and retaining a broad representation of engineering researchers especially those from groups that are underrepresented in the engineering population.

Nonfederal Agencies

ABMRF Grants, ABMRF/The Foundation for Alcohol Research
http://www.abmrf.org/
Deadline: February 1 and September 1
Synopsis: The Foundation accepts applications for grants to conduct research on important aspects of alcohol consumption and its effects. Highest priority is given to young investigators, new to the field or trained in the field, to start a new line of independent research.

New Investigator Research Grants, Alzheimer's Association
Deadline: LOI July – Full August
Synopsis: Grants provide new investigators with funding that will allow them to develop preliminary or pilot data, to test procedures and to develop hypotheses. Each award is limited to $100,000 for up to two years. Eligibility is restricted to investigators who have less than 10 years of research experience after receipt of their terminal degree.

Career Development Awards, American Association for Cancer Research
http://www.aacr.org/home/scientists/aacr-research-funding.aspx
Deadline: varies by program
Synopsis: Open to junior faculty who completed postdoctoral studies or clinical fellowships no more than three years prior to the start of the grant term. Awards provide two-year grants of $50,000 per year.

Petroleum Research Fund Doctoral New Investigator Grants (DNI), American Chemical Society
http://portal.acs.org/portal/acs/corg/content?_nfpb=true&_pageLabel=PP_TRANSITIONMAIN&node_id=1264&use_sec=false&sec_url_var=region1
Deadline: early fall, mid-winter, and late spring
Synopsis: Award of $100,000 over two years for scientists and engineers who are within the first three years of their first academic appointment.

Junior Faculty Award, Career Development Award, American Diabetes Association
Deadline: mid January and mid July
Synopsis: Junior Faculty support new investigators who are establishing their independence in diabetes research; applicants can have any level of faculty appointment up through assistant
professor. Career Development Awards are designed to assist outstanding assistant professor level faculty investigators in conducting diabetes-related research.

AFAR Research Grants, American Federation for Aging Research
http://www.afar.org/research/funding/afar-research-grants

Deadline: November
Synopsis: The major goal of this program is to assist in the development of the careers of junior investigators committed to pursuing careers in the field of aging research. Applicants must be an independent investigator with independent research space as described in an offer/start-up letter, and must be no more than 10 years beyond start of postdoctoral research training. Awards are up to $100,000 for one or two years.

Young Investigator Grants, American Foundation for Suicide Prevention
http://www.afsp.org/index.cfm?page_id=0535FDA2-FA7D-AAE8-D7A9A6BCFFE3574B

Deadline: November
Synopsis: Grants support studies that aim to increase understanding of the causes of suicide and factors related to suicide risk, or to test treatments and other interventions designed to prevent suicide. Grants of up to $85,000 over two years are awarded to investigators at the level of assistant professor or lower, with an additional $10,000 ($5,000 per year) for an established suicide researcher who will mentor the Young Investigator.

National Scientist Development Grant Program, American Heart Association
http://my.americanheart.org/professional/Research/FundingOpportunities/SupportingInformation/National-Scientist-Development-Grant-Program-Description_UCM_321916_Article.jsp

Deadline: July
Synopsis: AHA funds research broadly related to cardiovascular disease and stroke. Applicants should be initiating independent research careers, usually no more than four years since an applicant's first faculty/staff appointment at the assistant professor level or its equivalent and must not be currently funded (extramurally) for more than one year at a level greater than $95,000 per year in direct costs.

Beckman Young Investigator Program, Beckman (Arnold and Mabel) Foundation
http://www.beckman-foundation.com/byi.html#

Deadline: October for letter of intent
Synopsis: 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. Grants may be in the range of $750,000 over four years.

Dreyfus Foundation Teacher-Scholar Awards, Camille and Henry Dreyfus Foundation
Limited Solicitation
http://www.dreyfus.org/awards/camille_dreyfus_teacher_award.shtml

Limited solicitation
Deadline: February
Synopsis: This award funds talented young faculty in the chemical sciences, stressing teaching, mentorship, and the nominees’ accomplishments in research and teaching. Awards are $75,000 for one year.
Young Investigators’ Research Grants, Human Frontier Science Program
http://www.hfsp.org/funding/research-grants

Deadline: March
Synopsis: Supports collaborative research in the life sciences involving biologists together with scientists from other disciplines such as chemistry, physics, mathematics, computer science and engineering. Grants are awarded to teams of researchers from different countries, all of whom are within the first five years after obtaining an independent laboratory (e.g., assistant professor, lecturer, or equivalent). They are awarded to teams of researchers, all of whom are within the first five years after obtaining an independent laboratory (e.g. Assistant Professor, Lecturer or equivalent). Applications for Young Investigators’ Grants will be reviewed in competition with each other independently of applications for Program Grants.

Searle Scholars Program
http://www.searlescholars.net/go.php?id=5

Deadline: September
Synopsis: The program invites applications from selected universities and research institutions. Awards of $100,00 per year for three years support outstanding young scientists pursuing independent research careers in biochemistry, cell biology, genetics, immunology, neuroscience, pharmacology, and related areas in chemistry, medicine, and the biological sciences. Candidates should have begun their first appointment as an independent investigator at the assistant professor level on or after July 1 of the year prior to the application year.

Upjohn Institute for Employment Research
http://www.upjohninst.org/

2012 Early Career Research Grants
Deadline: February
Synopsis: The Upjohn Institute requests proposals for Early Career Research Grants (previously called Mini-Grants). These grants are intended to provide resources to junior faculty (untenured and within six years of earning their PhD) to carry out policy-related research on labor market issues. The Institute supports and encourages research on all issues related to labor markets and is especially interested in topics related to the recent recession and current recovery.