

Early Career Funding Opportunities¹

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¹ Note: Sponsors change their deadlines frequently –deadlines listed here are provided only as a general guide. Also, sponsors occasionally end funding programs, or change their research priorities. Always review the current RFP before preparing a proposal.

National Science Foundation (NSF) – Faculty Early Career Development Program (CAREER)

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

Deadline: July

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 and especially encourages women, members of underrepresented minority groups, and persons with disabilities to apply.

The CAREER budget request should reflect the scope of the research and education plans, and the practices within your discipline. The minimum CAREER award size is \$400,000, including indirect cost or overhead, for a 5- year period except in the Directorate for Biological Sciences (BIO) and the Office of Polar Programs (OPP). Proposals to BIO and OPP must request a minimum of \$500,000 (approximately \$100,000 per year) for the 5-year duration. There is no maximum award size but be realistic about your budget expectations and what has been funded before by the Program considering your proposal. The average CAREER award size varies across NSF. Some Directorates/ Divisions/Programs (e.g., Directorate for Engineering) usually fund CAREER awards closer to the minimum, while some others have a higher average award size. Before preparing the budget for your CAREER proposal, you are strongly encouraged to contact your disciplinary Program Officer or your Division CAREER contact to discuss your planned request.

PECASE: Each year NSF selects nominees for the Presidential Early Career Awards for Scientists and Engineers (PECASE) from among the most meritorious recent CAREER awardees. Selection for this award is based on two important criteria: 1) innovative research at the frontiers of science and technology that is relevant to the mission of the sponsoring organization or agency, and 2) community service demonstrated through scientific leadership, education or community outreach. These awards foster innovative developments in science and technology, increase awareness of careers in science and engineering, give recognition to the scientific missions of the participating agencies, enhance connections between fundamental research and national goals, and highlight the importance of science and technology for the Nation's future. Individuals cannot apply for PECASE. These awards are initiated by the participating federal agencies. At NSF, up to twenty nominees for this award are selected each year from among the PECASE-eligible CAREER awardees who are most likely to become the leaders of academic research and education in the twenty-first century.

National Institutes of Health (NIH) Career Development Awards (K Series)

<http://www.nichd.nih.gov/training/extramural/Pages/career.aspx>

Deadlines: March, July and November

K awards provide support for senior postdoctoral fellows or faculty-level candidates. K awards are designed to promote the career development of specific groups of individuals based on their past training and career stage.

The objective of these programs is to bring candidates to the point where they are able to conduct their research independently and are competitive for major grant support. Current NIH policies require that, by the time of the award, applicants must be U.S. citizens, non-citizen U.S. nationals, or have been lawfully admitted for permanent residence. Please note that this requirement applies to all the mechanisms below, EXCEPT the K99/R00.

Two main categories:

Mentored Career Development Awards (5)

Career Development Awards for Independent Investigators (2)

National Institutes of Health - NIH Director's Early Independence Awards (DP5)

<http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-13-009.html>

Deadlines: January, May, and September

The NIH Director's Early Independence Award Program supports exceptional investigators who wish to pursue independent research directly after completion of their terminal doctoral/research degree or clinical residency, thereby forgoing the traditional post-doctoral training period and accelerating their entry into an independent research career. An applicant organization may submit up to two applications in response to this FOA.

General Medical and Biomedical

NIH - NIDCR Small Grant Program for New Investigators (R03)

<http://grants.nih.gov/grants/guide/pa-files/PAR-13-348.html>

Deadlines: March, July and November

This NIDCR Small Grant Program for New Investigators supports basic and clinical research conducted by scientists who are in the early stages of establishing an independent research career in oral, dental, and craniofacial research. This R03 grant mechanism supports pilot or feasibility studies and developmental research projects with the intention of obtaining sufficient preliminary data for a subsequent investigator-initiated Research Project Grant (R01) application. Clinical trials of any phase will not be supported by this FOA.

National Institutes of Health - Early Career Award in Chemistry of Drug Abuse and Addiction (ECHEM) (R21/R33)

<http://grants.nih.gov/grants/guide/pa-files/PAR-13-350.html>

Deadlines:

R21/R33 Deadlines: Feb. 16, Jun. 16, Oct. 16.

AIDS Deadlines: Jan. 7, May 7, Sep. 7

This Funding Opportunity Announcement (FOA) seeks to facilitate the entry of new-to-NIH investigators into basic chemistry research applied to drug abuse and addiction.

An R21/R33 Phased Innovation Award has two phases: (1) R21 for milestone-driven exploratory or feasibility studies with a possible transition to, (2) the R33 for expanded development. Transition to the R33 depends on the ability of the applicant to meet predefined milestones (which are evaluated in peer review and negotiated with NIDA Scientific/Research Contract prior to the R21 award), as well as program priorities and the availability of funds. NIDA anticipates that a maximum of 50%-70% of the funded R21 phase awards will progress to the R33 award.

American Gastroenterological Association-Elsevier Gut Microbiome Pilot Research Award

<http://www.gastro.org/aga-foundation/grants/aga-elsevier-gut-microbiome-pilot-research-award>

Deadline: Mid-January

The objective of this award is to provide investigators non-salary funds to help establish their research careers or support pilot projects that represent new research directions. The intent of the award is to stimulate research into the relationship of the gut microbiota to digestive health and disease by providing time for investigators to obtain new data that can ultimately lead to subsequent grant applications for more substantial funding and duration.

Other early career opportunities from this funder listed at:

<http://www.gastro.org/aga-foundation/grants>

American Orthopaedic Society for Sports Medicine - Young Investigators Grant

<http://www.sportsmed.org/components/layouts/Standard2.aspx?pageid=1704&id=1297&terms=Young%20Investigators%20Grant>

Deadlines: Pre-review (strongly recommended) - Aug. 15, 2014

Final Deadline - Dec. 1, 2014

The Young Investigator Grant provides awards in amounts of up to \$40,000 aimed at providing "seed money," or start-up funds, for pilot projects. The principal investigator must be an early career orthopaedic surgeon, fellow, or resident with interests in sports medicine research. Any investigational team seeking such a grant must include at least one member of AOSSM in good standing.

Society of Nuclear Medicine and Molecular Imaging – Pilot Research Grant

<http://www.snmml.org/AboutSNMML/Content.aspx?ItemNumber=4167&navItemNumber=672>

Deadline: February

This award provides awards of up to \$25,000 to basic and clinical scientists in the early stages of their careers. Applicants must be no more than five years post nuclear medicine/molecular imaging training. Applicants must not have served as the principal investigator of a peer-reviewed grant for more than \$50,000 in a single calendar year.

Pharmaceutical Research and Manufacturers of America Foundation – Research Starter Grants

<http://phrmafoundation.org/download/Starter%20Grant.pdf>

Deadlines: February 1 for Health Outcomes, Translational Medicine and Therapeutics
September 1 for Informatics, Pharmacology/Toxicology, Pharmaceuticals
October 1 for Adherence Improvement Young Investigator Grant Program

The purpose of the PhRMA Foundation Research Starter Grants is to offer financial support to individuals beginning their independent research careers at the faculty level. Individuals holding a rank of instructor, assistant professor, or investigator at the doctoral level are eligible to apply for a research starter grant. The program is not intended for individuals in post-doctoral training programs. Applicants must be sponsored by the department within which the proposed research is to be undertaken. Applicants must be based in an academic, healthcare, or other research institution (e.g., schools of medicine, public health, pharmacy, nursing, etc) and should have the skills and experience required to carry out the proposed work.

American Federation for Aging Research -- Research Grants for Junior Faculty

<http://www.afar.org/research/funding/afar-research-grants>

Deadline: November

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.

American Foundation for Suicide Prevention-- Young Investigator Grants

<http://www.afsp.org/research/research-grant-information/research-grant-categories>

Deadline: November

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.

Health Effects Institute – New Investigator Award

<http://www.healtheffects.org/rosenblith.htm>

Deadline: April for Letter of Intent

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. Scientists of any nationality holding a PhD, ScD, MD, DVM, or DrPH degree or equivalent are eligible to apply. At the time of application the candidate should have two to six years of research experience after obtaining the highest degree and must be at the Assistant Professor level or equivalent at an academic or research institution.

Searle Scholars Program

<http://www.searlescholars.net/go.php?id=5>

Deadline: September

The program invites applications from selected universities and research institutions. Awards of \$100,000 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.

McKnight Endowment Fund for Neuroscience – Scholar Awards

<http://neuroscience.mcknight.org/the-awards/scholar>

Deadline: January

This award supports neuroscientists in the early stages of their careers to focus on disorders of learning and memory. The Endowment Fund especially seeks applicants working on problems that, if solved at the basic level, would have immediate and significant impact on clinically relevant issues. Awards are \$75,000 per year for three years.

MQ: Transforming Mental Health – MQ Fellows Programme

<http://www.joinmq.org/research/pages/fellows-programme>

Deadlines: April for Letter of Intent

August for invited proposal

Supports early career scientists and clinicians who are asking the difficult and challenging questions that will contribute to transformative advances in mental health research. Awards are up to £75,000 per year for three years.

Greenwall Foundation -- Faculty Scholars Program in Bioethics

<http://greenwall.org/how-to-apply.php>

Deadline: November 3 for Letter of Intent

This career development award enables outstanding junior faculty members to carry out original research that will help resolve important policy and clinical dilemmas at the intersection of ethics and the life sciences.

Infectious Diseases Society of America – Young Investigator Awards

http://www.idsociety.org/Young_Investigator_Award_Eligibility_Requirements/

Deadline: March

This award provides funding for young investigators who develop and implement a basic, clinical, or health services research project focused on a geriatric aspect of infectious diseases. Applicants must have applied for the GEMSSTAR award and received a fundable score as defined by the National Institutes of Health. The award is administered by IDSA and the Alliance for Academic Internal Medicine (AAIM)/Association of Specialty Professors (ASP). Award Amount: (1) Two-year award of \$200,000 (\$150,000 research grant from National Institute of Aging and \$50,000 career/professional development award from IDSA/AAIM/ASP)

International Life Science Institute (ILSI) North America – Future Leader Award

<http://www.ilsa.org/NorthAmerica/Pages/AwardPrograms.aspx>

Deadline: June

The ILSI North America Future Leader Award, given annually to promising nutrition and food scientists, allows new investigators the opportunity to add to an existing project or to conduct exploratory research that might not receive funding from other sources or add to an existing project. Consideration will be given to individuals proposing research in the areas of experimental nutrition, nutrition and toxicology, and nutrition and food science. Grants extend for a period of 2 years at a funding level of \$15,000 USD per year. Funds may not be used for overhead or to support the investigator's salary.

William T. Grant Foundation – Scholars Program

http://www.wtgrantfoundation.org/funding_opportunities/fellowships/william_t_grant_scholars

Deadline: July

The Scholars Program is for early-career researchers in the social, behavioral, and health sciences. The Foundation encourages Scholars to tackle important questions that will advance theory, policy, and practice for youth on any of three topics: 1) reducing inequality, 2) understanding the use of research evidence, and 3) understanding social settings. Applicants must have received their terminal degree within seven years of submitting their application

Klingenstein Fund – Klingenstein-Simons Fellowship Awards in the Neurosciences <http://www.klingfund.org/>

Deadline: January

This award supports young investigators in the early stages of their careers engaged in basic or clinical research that may lead to a better understanding of neurological and psychiatric disorders. The candidate should be within four years of receiving his/her first tenure track appointment. The award of \$225,000 is payable over a three-year period.

March of Dimes – Basil O'Connor Starter Scholar Research Award

<http://www.marchofdimes.com/materials/basil-oconnor-boc-starter-scholar-research-award-request-for-proposals.pdf>

Deadline: March for letter of nomination

This award is designed to support young scientists just embarking on their independent research careers in areas consonant with those of the March of Dimes mission to improve the health of babies by preventing birth defects, premature birth and infant mortality. Applicants may not be recipients of a major grant (e.g., an R01, or other grant exceeding \$200,000 a year) at the time of the application.

James S. McDonnell Foundation – Scholar Award in Complex Systems

<https://www.jsmf.org/programs/cs/#>

Deadline: March

The program emphasis is furthering the science of complex systems via the continued development of the theory and tools used in the study of complex research questions and not on particular fields of research. Awards are \$450,000. Principal investigators between 5 and 15 years post Ph.D. are eligible.

American Society for Mass Spectrometry

<http://www.asms.org/about/asms-awards/research-awards>

Deadline: November 30

Academic scientists within four years of joining the tenure-track faculty are eligible for awards of \$35,000 for research in mass spectrometry.

American Speech-Language-Hearing Foundation –New Investigators Research Grant

<http://www.ashfoundation.org/grants/default.htm>

Deadline: April

New scientists earning their latest degree in communication sciences within the last five years are eligible to compete for \$5,000 grants to pursue research audiology or speech-language pathology.

The Foundation for Alcohol Research – Grant Program

<http://www.abmrf.org/>

Deadlines: February 1 and September 1

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.

Brain and Behavior Research Foundation

<http://bbrfoundation.org/yi>

Deadline: February

Offers up to \$30,000 per year for up to two years to enable promising investigators to either extend research fellowship training or begin careers as independent research faculty. Basic and/or clinical investigators are supported; research must be relevant to serious brain and behavior disorders such as schizophrenia, mood disorders, anxiety disorders, or child and adolescent mental illnesses.

U.S.-Israel Binational Science Foundation – Start-Up Research Grant

<http://www.bsf.org.il/bsfpublic/DefaultPage1.aspx?PageId=23&innerTextID=23>

Since its inception, the BSF has awarded some \$480 million to over 4,000 research projects of the highest quality. Many of these have led to important scientific, medical and technological breakthroughs with wide-ranging practical applications. Projects must have a strong element of cooperation between an Israeli and an American scientist(s), and fall within the areas of research supported in that year by the BSF. In addition, at least one of the principal investigators should have attained his/her Ph.D., M.D. degree or equivalent, no more than ten years prior to submitting the proposal.

Disease-Specific

Alzheimer's Association, New Investigator Research Grants

http://www.alz.org/research/alzheimers_grants/types_of_grants.asp

Deadline: LOI - July
Application - August

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.

American Asthma Foundation – Scholar Awards

<http://www.americanasthmafoundation.org/funding-2014>

Deadline: February

AAF will provide Scholar Awards exclusively to early- to mid-career scientists in the United States. AAF Scholar Awards will provide \$150,000 per year for two years, with the possibility of an additional \$150,000 for a third year, based on progress and potential. It is anticipated that many of the projects will continue into a third year and thus benefit from the full \$450,000 Award.

Scientists may apply if their initial independent faculty appointment at the level of Assistant Professor or equivalent was not before February 1st, ten years before the deadline. Applicants should have an independent research program, with national-level, independent funding. There is no citizenship requirement.

National Ataxia Foundation – Young Investigator Awards

<http://www.ataxia.org/research/ataxia-research-grants.aspx>

Deadline: August for Letter of Intent
September for application

Young Investigator Awards provide one-year grants of \$35,000 to encourage young investigators to pursue a career in the field of any form of ataxia research. Young Investigator Awards for SCA Research provide one-year grants of \$50,000 to encourage young investigators to pursue a career in spinocerebellar ataxia (SCA) research.

American Diabetes Association -- Junior Faculty Award and Career Development Award

http://professional.diabetes.org/Diabetes_Research.aspx?typ=18&cid=89693

Deadlines: Mid-January and Mid-July

Junior Faculty Awards 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.

Bayer Hemophilia Awards Program – Early Career Investigator Award

http://www.bayer-hemophilia-awards.com/awards/?view=early_career_investigator_award

Deadline: November for letter of intent

This award will fund salary support and research funds for a junior faculty member who wishes to undertake a mentored basic and/or clinical research project in the bleeding disorders field. This award provides funding of \$100,000 annually for two years.

American Liver Foundation – Liver Scholar Award

http://www.liverfoundation.org/2014_research_awards/2014_liver_scholar_award/

Deadline: December

The Liver Scholar Award provides young scientists with support for their research to bridge the gap between completion of research training and attainment of status as an independent research scientist. The additional research experience provided by this award is intended to enable them to successfully compete for research awards from national sources, particularly the NIH. Well-trained investigators who hold MD, PhD or MD/PhD degrees and are pursuing a career in **liver disease** research are encouraged to apply.

National Multiple Sclerosis Society – Harry Weaver Neuroscience Scholar Awards

<http://www.nationalmssociety.org/For-Professionals/Researchers/Society-Funding/Training-Grants-and-Fellowships/Harry-Weaver-Neuroscience-Scholar-Awards>

Deadline: August

Supports candidates who have begun academic careers as independent investigators in an area related to multiple sclerosis. Maximum funding is \$30,000 in the first year, increasing to \$40,000 by the last year of the five-year award.

Foundation Fighting Blindness – Career Development Awards

http://www.blindness.org/index.php?option=com_content&view=section&id=9&Itemid=107

Deadlines Vary

Several mechanisms exist. Awards are for junior investigators to pursue research to find the therapies and cures for inherited **retinal degenerative diseases**.

American College of Rheumatology - Career Development Bridge Funding Award: K Bridge

http://www.rheumatology.org/Foundation/Awards/Career_Development_Bridge_Funding_Award_K_Bridge/

Deadline: May 1; Aug. 1; Dec. 31

The purpose of the Career Development Bridge Funding Award: K Bridge Award is to provide bridge funding for promising investigators as they are revising outstanding career development awards (e.g., NIH K08/K23 awards or VA CDA-2 awards). Through this bridge funding award, the Foundation plans to support young faculty members so that they have the highest likelihood of achieving success in obtaining longer term career development awards. Applicants must have received a score and funding decision on their NIH K08, K23, or VA CDA-2 award

Applicants must be ACR or ARHP members with an MD, DO, PhD or equivalent doctoral level degree from an accredited institution, MD/PhDs and DO/PhDs are eligible to apply. Past recipients of this award and applicants with A1 resubmission status are not eligible to apply. Applicant must be a citizen or non-citizen national of the United States, or be in lawful possession of a permanent resident card.

Scleroderma Foundation – New Investigator Grant

http://www.scleroderma.org/site/PageServer?pagename=prof_research_types#new

Deadline: September

These grants are available to promising new investigators who hold faculty or equivalent positions and who wish to pursue a career in research related to systemic sclerosis. This grant supports promising research that is likely to lead to individual research project grants. Applicants may request up to \$50,000 (Up to 8 percent of the direct costs per year of award may be set aside as indirect costs).

These new investigator grants may not be used to support thesis or dissertation research or fellowship training. Applicants must have a doctoral degree in Medicine, Osteopathy, Veterinary Medicine or one of the sciences; and must have completed a postdoctoral fellowship by the grant award date.

Scoliosis Research Society – New Investigator Grant

<http://www.srs.org/research/>

Deadline: April 1 and October 1

This grant is specifically targeted to new investigators. The maximum award is \$25,000 for up to two years.

Cancer

DOD CDMRP Cancer Career Development Award

<http://cdmrp.army.mil/funding/prcrp.shtml>

Deadlines: Preproposal - June

Application - September

The PRCRP Career Development Award supports independent, early-career investigators to conduct impactful research with the mentorship of an experienced cancer researcher (i.e., the Designated Mentor) as an opportunity to obtain the funding, guidance, and experience necessary for productive, independent careers at the forefront of cancer research. This award supports impactful research projects with an emphasis on discovery. Under this award mechanism, the early-career investigator is considered the Principal Investigator (PI), and the application should focus on the PI's research and career development. It should be clear that the proposed research is intellectually designed by the PI and not a product of the Designated Mentor. Preliminary data are not required. However, logical reasoning and a sound scientific rationale for the proposed research must be demonstrated.

Susan G. Komen for the Cure - Career Catalyst Research Grants (CCR)

<http://ww5.komen.org/ResearchGrants/FundingOpportunities.html>

Pre-Application Submission deadline: Jul. 17, 2014

CCR Grants provide unique opportunities for scientists who have held faculty positions for no more than six years at the time of full application to achieve research independence. CCR grants provide support for hypothesis-driven research projects that have significant potential to advance our understanding of breast cancer, lead to reductions in breast cancer incidence and/or mortality, and move us toward the goal of a world without breast cancer.

There are 2 Research Focus Areas:

- **Career Catalyst Research Grants – Basic/Translational Research:** This award mechanism is appropriate for both basic (i.e. Ph.D.) or clinical (i.e. M.D.) fellows proposing research projects that are laboratory- or fieldbased and do not meet Komen's definition of clinical research. Studies focusing on quality of life or survivorship issues are not appropriate for this mechanism.
- **Career Catalyst Research Grants – Clinical Research:** This award mechanism is appropriate for clinical (i.e. M.D.) fellows/faculty proposing clinical, patient-oriented research projects that involve direct interactions with human subjects/patients. This includes studies such as therapeutic interventions or clinical trials. Komen defines clinical research as hypothesis driven, patient-oriented research for which an investigator directly interacts with human subjects/patients, in conjunction with laboratory-based research, as appropriate. This includes studies such as therapeutic interventions or clinical trials.

Alex's Lemonade Stand Foundation – Awards for Young Investigators

<http://www.alexlemonade.org/grants/program-areas/early-career-research-programs>

Deadlines vary

'A' Award Grants

This three year grant is designed for young scientists who want to jump-start their career in pediatric oncology research. The ideal candidate has an original project, can demonstrate outstanding mentorship and has a strong future commitment to pediatric cancer investigation. These awards are open to MD, MD/PhD and PhD candidates.

POST Program Grants

The Pediatric Oncology Student Training (POST) Program is designed for graduate and medical students who have an interest in pediatric oncology research and would like to experience the field first hand. Students train with a pediatric oncology research mentor. Students may join a research project underway in a mentor's lab or begin an original investigation with the mentor.

Young Investigator Grants

These grants are designed to fill the critical need for startup funds for less experienced researchers to pursue promising research ideas. These grants encourage and cultivate the best and brightest researchers of the future and lead to long term commitments to research projects.

Alliance for Cancer Gene Therapy – New Investigator Grants (Discovery Awards)

<http://www.acgtfoundation.org/grants-and-research/research-grants/>

Deadline: September for abstract

The objectives of the Young Investigators Award are to advance cell and gene therapy into the causes, treatment and prevention of all types of cancer by promoting development of novel and innovative studies by young investigators. The emphasis of this initiative is to promote basic, and pre-clinical research approaches utilizing cells and genes as medicine. ACGT will direct its grants into areas of cell and gene therapy research that have demonstrated great promise. The six main areas of research ACGT will support are:

- Tumor-Specific Replicating Viruses and Bacteria
- Anti-angiogenesis
- Immune-mediated Gene Therapy and Cancer Vaccines
- Oncogenes/Suppressor Oncogenes/Apoptosis Directed Therapy
- Tumor Targeting and Vector Development
- Other Cancer Cell and Gene Therapy Research

At the time of award activation, candidates must hold an MD, MPH, PhD, or equivalent degree and be a tenure-track Assistant Professor within five years of their initial appointment to this rank. The investigator must be conducting original research as an independent faculty member. ACGT has no citizenship restrictions; however, research supported by the award must be conducted at medical schools and research centers only in the United States and Canada.

Damon Runyon Cancer Research Foundation – Innovation Award

http://www.damonrunyon.org/for_scientists/more/innovation_award_overview

Deadline: July

The Damon Runyon-Rachleff Innovation Award is designed to provide support for the next generation of exceptionally creative thinkers with “high risk/high reward” ideas that have the potential to significantly impact our understanding of and/or approaches to the prevention, diagnosis or treatment of cancer.

American Association for Cancer Research Career Development Awards

<http://www.aacr.org/home/scientists/aacr-research-funding.aspx>

Deadlines vary.

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.

Leukemia Research Foundation – Hollis Brownstein Research Grants

<http://www.leukemia-research.org/hollis-brownstein-research-grants>

Deadline: February

The Foundation provides one year grants of \$100,000 to selected New Investigator researchers to allow innovative scientists to act on their ideas and try new procedures and experiments that will hopefully lead to significant breakthroughs. New Investigators are considered to be within seven years of their first independent position.

Lymphoma Research Foundation – Young Investigator Grants

<http://www.lymphoma.org/site/pp.asp?c=bkLTkaOQLmK8E&b=8490967>

Deadline: September

Post-Doctoral Fellowships and Clinical Investigator Career Development Awards support training in lymphoma and clinical research. Applicants must have completed two years of their fellowship, or not more than two years as a junior faculty instructor or assistant professor at the start of the award period.

Engineering and Computer Science

NSF - Computer and Information Science and Engineering (CISE) Research Initiation Initiative (CRII)

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504952

Deadline: September 24, 2014; Fourth Wednesday in September, Annually Thereafter

With the goal of encouraging research independence immediately upon obtaining one's first academic position after receipt of the PhD, the Directorate for Computer and Information Science and Engineering (CISE) will award grants to initiate the course of one's independent research. Understanding the critical role of establishing that independence early in one's career, it is expected that funds will be used to support untenured faculty or research scientists (or equivalent) in their first two years in an academic position after the PhD. One may not yet have received any other grants in the Principal Investigator (PI) role from any institution or agency, including from the CAREER program or any other award post-PhD. Serving as co-PI, Senior Personnel, Post-doctoral Fellow, or other Fellow does not count against this eligibility rule. It is expected that these funds will allow the new CISE Research Initiation Initiative PI to support one or more graduate students for up to two years.

Principal Investigators are eligible to apply to this CRII solicitation only if ALL the following criteria are met at the time of submission. The PI should:

- Be a US Citizen, Permanent Resident or National;
- Hold a primary appointment in a computer science, information science, or electrical or computing engineering department, or in a related field of computational science (where the PI would normally submit proposals to CISE programs); and
- Be in the first two years of a tenure-track or research science or education position (or equivalent). The number of years includes any academic position held post-PhD, exclusive of postdoctoral appointments.

Air Force Young Investigator Research Program

https://www.fbo.gov/index?s=opportunity&mode=form&id=c12630bb5c77005c62aaf5cc3c373be2&tab=core&_cview=1

Deadline generally in August or September

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. Each award will be funded at the \$120K level for three years. Exceptional proposals will be considered individually for higher funding levels and longer duration.

The Young Investigator Research Program (YIP) supports young scientists and engineers in fields such as: energy, power and propulsion, materials interactions in extreme environments, aero-structure interactions and control, hierarchical design and characterization of materials, space architecture and protection, thermal control, mathematical, information and computer sciences, biology, behavioral sciences, plasma and quantum physics, theoretical and experimental physics, microwave and photonic systems, information and signal process, and materials-processing techniques.

Human Frontier Science Program -- Young Investigators' Research Grants

<http://www.hfsp.org/funding/research-grants>

Deadline: March

This award 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.

American Chemical Society Petroleum Research Fund New Investigator Grants (DNI),

<http://www.acs.org/content/acs/en/funding-and-awards/grants/prf/programs.html>

Deadline: September 15

Award of \$100,000 over two years for scientists and engineers who are within the first three years of their first academic appointment.

U.S.-Israel Binational Science Foundation – Start-Up Research Grant

<http://www.bsf.org.il/bsfpublic/DefaultPage1.aspx?PageId=23&innerTextID=23>

Since its inception, the BSF has awarded some \$480 million to over 4,000 research projects of the highest quality. Many of these have led to important scientific, medical and technological breakthroughs with wide-ranging practical applications. Projects must have a strong element of cooperation between an Israeli and an American scientist(s), and fall within the areas of research supported in that year by the BSF. In addition, at least one of the principal investigators should have attained his/her Ph.D., M.D. degree or equivalent, no more than ten years prior to submitting the proposal.

Alfred P. Sloan Foundation – Sloan Research Fellowships

<http://www.sloan.org/sloan-research-fellowships/>

Deadline: September

Fellowships support fundamental research by early-career faculty in chemistry, computational and evolutionary molecular biology, computer science, economics, mathematics, neuroscience, ocean sciences, and physics. 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. Awards are \$50,000 for two years.

DARPA Young Faculty Award

http://www.darpa.mil/Opportunities/Universities/Young_Faculty.aspx

Deadline: January

The objective of the DARPA Young Faculty Award (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.

The YFA program provides funding, mentoring, and industry and DoD contacts to awardees early in their careers so they may develop their research ideas in the context of DoD needs. The program focuses on untenured faculty, emphasizing those without prior DARPA funding. The long-term goal of the YFA program is to develop the next generation of academic scientists, engineers and mathematicians in key disciplines who will focus a significant portion of their career on DoD and national security issues.

Office of Naval Research Young Investigator

<http://www.onr.navy.mil/science-technology/directorates/office-research-discovery-invention/sponsored-research/yip.aspx>

Deadline usually early January

ONR's 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 FY13 and who show exceptional promise for doing creative research. The program's objectives are to attract outstanding faculty members of Institutions of Higher Education (hereafter also called "universities") to the Department of Navy's (DoN's) research program, to support their research, and to encourage their teaching and research careers.

Proposals addressing research areas described in the [ONR science and technology \(S&T\) department section](#) of ONR's website, which are of interest to ONR program officers and division directors will be considered. Contact information for each division (a subgroup of an S&T department) is also listed within that section. Potential applicants may contact the appropriate division director or the program officer who is the point-of-contact for a specific technical area, to discuss their research ideas. Brief informal pre-proposals may be submitted to facilitate these discussions. Such discussions can clarify the content and breadth of the priority research areas and enhance the match between a subsequent proposal and DoN research needs.

Proposals may request up to \$170,000 per year for three years. These funds may be budgeted against any reasonable costs related to the conduct of the proposed research, for example, salary for the young investigator, graduate student support, supplies and operating expenses. Additional funds (beyond the basic \$170,000 yearly amount) for capital equipment which enhances the young investigator's proposed research may be requested for the first budget period, based on the needs of the research. Requesting funds for capital equipment will not decrease the probability of receiving an award; additional support for equipment will be decided separately from award selections and will depend upon availability of funds.

Math and Physical Sciences

NSF Ocean Sciences Research Initiation Grants (OCE-RIG)

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504681

Deadline: January 15

The Division of Ocean Sciences (OCE) offers Research Initiation Grants in an effort to increase the participation of under-represented groups in the ocean sciences. Research Initiation Grants provide start-up funding for researchers who have been recently appointed to tenure track (or equivalent) positions, with the twin goals of enhancing the development of their research careers and broadening the participation of under-represented groups in ocean sciences.

Air Force Young Investigator Research Program

https://www.fbo.gov/index?s=opportunity&mode=form&id=c12630bb5c77005c62aaf5cc3c373be2&tab=core&_cvIEW=1

Deadline generally in August or September

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. Each award will be funded at the \$120K level for three years. Exceptional proposals will be considered individually for higher funding levels and longer duration.

The Young Investigator Research Program (YIP) supports young scientists and engineers in Air Force relevant disciplines and is designed to promote innovative research in fields such as: energy, power and propulsion, materials interactions in extreme environments, aero-structure interactions and control, hierarchical design and characterization of materials, space architecture and protection, thermal control, mathematical, information and computer sciences, biology, behavioral sciences, plasma and quantum physics, theoretical and experimental physics, microwave and photonic systems, information and signal process, and materials-processing techniques.

Human Frontier Science Program -- Young Investigators' Research Grants

<http://www.hfsp.org/funding/research-grants>

Deadline: March

This award 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.

Camille and Henry Dreyfus Foundation -- Teacher-Scholar Awards

http://www.dreyfus.org/awards/camille_dreyfus_teacher_award.shtml

Deadline: February

The Camille Dreyfus Teacher-Scholar Awards Program supports the research and teaching careers of talented young faculty in the chemical sciences. Based on institutional nominations, the program provides discretionary funding to faculty at an early stage in their careers. 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, signaling the promise of continuing outstanding contributions to both research and teaching. The Camille Dreyfus Teacher-Scholar Awards Program provides an unrestricted research grant of \$75,000. Institutions may make only one nomination annually for the Camille Dreyfus Teacher-Scholar Awards per deadline.

American Mathematical Association – Centennial Fellowships

<http://www.ams.org/programs/ams-fellowships/centennial-fellow/emp-centflyer>

Deadline: December

The AMS Centennial Research Fellowship Program makes awards annually to outstanding mathematicians to help further their careers in research. The eligibility rules are as follows:

- Preference will be given to candidates who have not had extensive fellowship support in the past.
- Recipients may not hold the Centennial Fellowship concurrently with another major research award such as a Sloan fellowship, NSF Postdoctoral fellowship, or CAREER award.
- A recipient of the fellowship shall have held his or her doctoral degree for at least three years and not more than twelve years at the inception of the award.
- Applications will be accepted from those currently holding a tenured, tenure track, post-doctoral, or comparable (at the discretion of the selection committee) position at an institution in North America.

The stipend for fellowships awarded for 2015-2016 is \$87,000, with an additional expense allowance of about \$8,700.

Research Corporation – Cottrell Scholar Awards

<http://www.rescorp.org/grants-and-awards/cottrell-scholar-awards>

Deadline: August

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. Awards total \$75,000 for three years.

Searle Scholars Program

<http://www.searlescholars.net/go.php?id=5>

Deadline: September

The program invites applications from selected universities and research institutions. Awards of \$100,000 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.

American Chemical Society Petroleum Research Fund New Investigator Grants (DNI),

<http://www.acs.org/content/acs/en/funding-and-awards/grants/prf/programs.html>

Deadline: September 15

Award of \$100,000 over two years for scientists and engineers who are within the first three years of their first academic appointment.

National Aeronautics and Space Administration - New (Early Career) Investigator Program in Earth Science (ROSES)

<http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={E757BD20-0401-C62D-3683-3E5199978FB5}&path=open>

Deadlines: Notice of Intent - June
 Proposal - August

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.

The research Focus Areas appropriate for the NIP are (see Appendix A.1 for a description of the Focus Areas and related high priority research topics):

- Carbon Cycle and Ecosystems
- Climate Variability and Change
- Water and Energy Cycle
- Atmospheric Composition
- Weather
- Earth Surface and Interior

All NIP proposals must contain both a research element that addresses one of the topical areas identified below, as well as a significant program of education, communication, or outreach activities, including interdisciplinary endeavors (e.g., reaching out to practitioners in disciplines beyond physical sciences and engineering, such as social sciences).

US Department of Energy, National Renewable Energy Laboratory – Director’s Fellowships

http://www.nrel.gov/rpp/directors_fellowship.html

Complete application packages will be reviewed once per year: June through September 30.

The NREL Director's Fellowships are designed to attract the next generation of exceptionally qualified scientists and engineers with outstanding talent and credentials in renewable energy research and related disciplines. Candidates must be a recent PhD graduate (within two years of completion), and demonstrate a promising career of leadership and research.

Candidates will be selected based on eligibility, program expectations, and research proposals. Overriding consideration, when evaluating the application, will be the quality of the candidate. Successful candidates will serve a two-year term, with a possible third year renewal paid with program funding (maximum three-year appointments). The Director's Fellowship includes a premium salary rate, additional funding for conferences/presentations, competitive benefits package, and relocation (for moves greater than 50 miles from NREL).

American Society for Mass Spectrometry

<http://www.asms.org/about/asms-awards/research-awards>

Deadline: November 30

Academic scientists within four years of joining the tenure-track faculty are eligible for awards of \$35,000 for research in mass spectrometry.

Beckman (Arnold and Mabel) Foundation -- Young Investigator Program

<http://www.beckman-foundation.com/BYI15.html>

Deadline: October for letter of intent

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.

U.S.-Israel Binational Science Foundation – Start-Up Research Grant

<http://www.bsf.org.il/bsfpublic/DefaultPage1.aspx?PageId=23&innerTextID=23>

Since its inception, the BSF has awarded some \$480 million to over 4,000 research projects of the highest quality. Many of these have led to important scientific, medical and technological breakthroughs with wide-ranging practical applications. Projects must have a strong element of cooperation between an Israeli and an American scientist(s), and fall within the areas of research supported in that year by the BSF. In addition, at least one of the principal investigators should have attained his/her Ph.D., M.D. degree or equivalent, no more than ten years prior to submitting the proposal.

Alfred P. Sloan Foundation – Sloan Research Fellowships

<http://www.sloan.org/sloan-research-fellowships/>

Deadline: September

Fellowships support fundamental research by early-career faculty in chemistry, computational and evolutionary molecular biology, computer science, economics, mathematics, neuroscience, ocean sciences, and physics. 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. Awards are \$50,000 for two years.

DARPA Young Faculty Award

http://www.darpa.mil/Opportunities/Universities/Young_Faculty.aspx

Deadline: January

The objective of the DARPA Young Faculty Award (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.

The YFA program provides funding, mentoring, and industry and DoD contacts to awardees early in their careers so they may develop their research ideas in the context of DoD needs. The program focuses on untenured faculty, emphasizing those without prior DARPA funding. The long-term goal of the YFA program is to develop the next generation of academic scientists, engineers and mathematicians in key disciplines who will focus a significant portion of their career on DoD and national security issues.

Office of Naval Research Young Investigator

<http://www.onr.navy.mil/science-technology/directorates/office-research-discovery-invention/sponsored-research/yip.aspx>

Deadline usually early January

ONR's 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 FY13 and who show exceptional promise for doing creative research. The program's objectives are to attract outstanding faculty members of Institutions of Higher Education (hereafter also called "universities") to the Department of Navy's (DoN's) research program, to support their research, and to encourage their teaching and research careers.

Proposals addressing research areas described in the [ONR science and technology \(S&T\) department section](#) of ONR's website, which are of interest to ONR program officers and division directors will be considered. Contact information for each division (a subgroup of an S&T department) is also listed within that section. Potential applicants may contact the appropriate division director or the program officer who is the point-of-contact for a specific technical area, to discuss their research ideas. Brief informal pre-proposals may be submitted to facilitate these discussions. Such discussions can clarify the content and breadth of the priority research areas and enhance the match between a subsequent proposal and DoN research needs.

Proposals may request up to \$170,000 per year for three years. These funds may be budgeted against any reasonable costs related to the conduct of the proposed research, for example, salary for the young investigator, graduate student support, supplies and operating expenses. Additional funds (beyond the basic \$170,000 yearly amount) for capital equipment which enhances the young investigator's proposed research may be requested for the first budget period, based on the needs of the research. Requesting funds for capital equipment will not decrease the probability of receiving an award; additional support for equipment will be decided separately from award selections and will depend upon availability of funds.

Life Sciences

NSF Ocean Sciences Research Initiation Grants (OCE-RIG)

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504681

Deadline: January 15

The Division of Ocean Sciences (OCE) offers Research Initiation Grants in an effort to increase the participation of under-represented groups in the ocean sciences. Research Initiation Grants provide start-up funding for researchers who have been recently appointed to tenure track (or equivalent) positions, with the twin goals of enhancing the development of their research careers and broadening the participation of under-represented groups in ocean sciences.

Air Force Young Investigator Research Program

https://www.fbo.gov/index?s=opportunity&mode=form&id=c12630bb5c77005c62aaf5cc3c373be2&tab=core&_cv_iew=1

Deadline generally in August or September

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. Each award will be funded at the \$120K level for three years. Exceptional proposals will be considered individually for higher funding levels and longer duration.

The Young Investigator Research Program (YIP) supports young scientists and engineers in Air Force relevant disciplines and is designed to promote innovative research in fields such as: energy, power and propulsion, materials interactions in extreme environments, aero-structure interactions and control, hierarchical design and characterization of materials, space architecture and protection, thermal control, mathematical, information and computer sciences, **biology**, behavioral sciences, plasma and quantum physics, theoretical and experimental physics, microwave and photonic systems, information and signal process, and materials-processing techniques.

Human Frontier Science Program -- Young Investigators' Research Grants

<http://www.hfsp.org/funding/research-grants>

Deadline: March

This award 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.

Whitehall Foundation – Grants-In-Aid

<http://www.whitehall.org/grants/>

Deadlines: January 15, April 15, and October 1 for Letter of Intent

The Grants-in-Aid program is designed for biological scientist/researchers at the assistant professor level who experience difficulty in competing for research funds because they have not yet become firmly established. Grants-in-Aid can also be made to senior scientists. All applications will be judged on the scientific merit and innovative aspects of the proposal, as well as on past performance and evidence of

the applicant's continued productivity. Grants-in-Aid are awarded for a one-year period and do not exceed \$30,000.

Research Corporation – Cottrell Scholar Awards

<http://www.rescorp.org/grants-and-awards/cottrell-scholar-awards>

Deadline: August

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. Awards total \$75,000 for three years.

Searle Scholars Program

<http://www.searlescholars.net/go.php?id=5>

Deadline: September

The program invites applications from selected universities and research institutions. Awards of \$100,000 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.

Greenwall Foundation -- Faculty Scholars Program in Bioethics

<http://greenwall.org/how-to-apply.php>

Deadline: November 3 for Letter of Intent

This career development award enables outstanding junior faculty members to carry out original research that will help resolve important policy and clinical dilemmas at the intersection of ethics and the life sciences.

International Life Science Institute (ILSI) North America – Future Leader Award

<http://www.ilsa.org/NorthAmerica/Pages/AwardPrograms.aspx>

Deadline: June

The ILSI North America Future Leader Award, given annually to promising nutrition and food scientists, allows new investigators the opportunity to add to an existing project or to conduct exploratory research that might not receive funding from other sources or add to an existing project. Consideration will be given to individuals proposing research in the areas of experimental nutrition, nutrition and toxicology, and nutrition and food science. Grants extend for a period of 2 years at a funding level of \$15,000 USD per year. Funds may not be used for overhead or to support the investigator's salary.

Beckman (Arnold and Mabel) Foundation -- Young Investigator Program

<http://www.beckman-foundation.com/BYI15.html>

Deadline: October for letter of intent

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.

U.S.-Israel Binational Science Foundation – Start-Up Research Grant

<http://www.bsf.org.il/bsfpublic/DefaultPage1.aspx?PageId=23&innerTextID=23>

Since its inception, the BSF has awarded some \$480 million to over 4,000 research projects of the highest quality. Many of these have led to important scientific, medical and technological breakthroughs with wide-ranging practical applications. Projects must have a strong element of cooperation between an Israeli and an American scientist(s), and fall within the areas of research supported in that year by the BSF. In addition, at least one of the principal investigators should have attained his/her Ph.D., M.D. degree or equivalent, no more than ten years prior to submitting the proposal.

Alfred P. Sloan Foundation – Sloan Research Fellowships

<http://www.sloan.org/sloan-research-fellowships/>

Deadline: September

Fellowships support fundamental research by early-career faculty in chemistry, computational and evolutionary molecular biology, computer science, economics, mathematics, neuroscience, ocean sciences, and physics. 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. Awards are \$50,000 for two years.

DARPA Young Faculty Award

http://www.darpa.mil/Opportunities/Universities/Young_Faculty.aspx

Deadline: January

The objective of the DARPA Young Faculty Award (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.

The YFA program provides funding, mentoring, and industry and DoD contacts to awardees early in their careers so they may develop their research ideas in the context of DoD needs. The program focuses on untenured faculty, emphasizing those without prior DARPA funding. The long-term goal of the YFA program is to develop the next generation of academic scientists, engineers and mathematicians in key disciplines who will focus a significant portion of their career on DoD and national security issues.

Office of Naval Research Young Investigator

<http://www.onr.navy.mil/science-technology/directorates/office-research-discovery-invention/sponsored-research/yip.aspx>

Deadline usually early January

ONR's 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 FY13 and who show exceptional promise for doing creative research. The program's objectives are to attract outstanding faculty members of Institutions of Higher Education (hereafter also called "universities") to the Department of Navy's (DoN's) research program, to support their research, and to encourage their teaching and research careers.

Proposals addressing research areas described in the [ONR science and technology \(S&T\) department section](#) of ONR's website, which are of interest to ONR program officers and division directors will be considered. Contact information for each division (a subgroup of an S&T department) is also listed within that section. Potential applicants may contact the appropriate division director or the program officer who is the point-of-contact for a specific technical area, to discuss their research ideas. Brief informal pre-proposals may be submitted to facilitate these discussions. Such discussions can clarify the content and breadth of the priority research areas and enhance the match between a subsequent proposal and DoN research needs.

Proposals may request up to \$170,000 per year for three years. These funds may be budgeted against any reasonable costs related to the conduct of the proposed research, for example, salary for the young investigator, graduate student support, supplies and operating expenses. Additional funds (beyond the basic \$170,000 yearly amount) for capital equipment which enhances the young investigator's proposed research may be requested for the first budget period, based on the needs of the research. Requesting funds for capital equipment will not decrease the probability of receiving an award; additional support for equipment will be decided separately from award selections and will depend upon availability of funds.

Education, Social and Behavioral Sciences

Department of Education, Institute of Education Sciences - Early Career Statistical and Research Methodology Grants

http://ies.ed.gov/funding/pdf/2015_84305D.pdf

Deadlines: Letter of Intent – June
Application – August

The Institute established the Early Career grants topic for applications from early career researchers in order to help them implement their research agendas. The Early Career topic is intended for applicants proposing high-quality work of the type discussed in the Background section, but that can be done over a shorter period and requires less funding..

The maximum award for a Statistical and Research Methodology project under the Early Career grants topic is \$200,000 (total cost = direct + indirect costs) over a maximum duration of 18 months.

Department of Education, Institute of Education Sciences – Research Training Program in Special Education – Early Career Development and Mentoring

http://ies.ed.gov/funding/pdf/2015_84324B.pdf

Deadlines: Letter of Intent – June
Application – August

The Early Career Development and Mentoring Research Training (Early Career) Program supports grants that prepare researchers to conduct independent rigorous and relevant early intervention and special education research addressing issues that are important to infants, toddlers, children, and youth with or at risk for disabilities, their families, special education practitioners, and policymakers, and to contribute to the advancement of knowledge and theory in special education.

The maximum award for an Early Career award is \$400,000 (total cost = direct + indirect) over a maximum duration of four years.

Upjohn Institute for Employment Research -- Early Career Research Grants

<http://www.upjohninst.org/GrantsandAwards>

Deadline: January

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.

Air Force Young Investigator Research Program

https://www.fbo.gov/index?s=opportunity&mode=form&id=c12630bb5c77005c62aaf5cc3c373be2&tab=core&_cv_iew=1

Deadline generally in August or September

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. Each award will be funded at the \$120K level for three years. Exceptional proposals will be considered individually for higher funding levels and longer duration.

The Young Investigator Research Program (YIP) supports young scientists and engineers in Air Force relevant disciplines and is designed to promote innovative research in fields such as: energy, power and propulsion, materials interactions in extreme environments, aero-structure interactions and control, hierarchical design and characterization of materials, space architecture and protection, thermal control, mathematical, information and computer sciences, biology, **behavioral sciences**, plasma and quantum physics, theoretical and experimental physics, microwave and photonic systems, information and signal process, and materials-processing techniques.

American Council of Learned Societies – Fellowships

<http://www.acls.org/programs/comps/>

Deadlines vary

Fellowships support research in all disciplines of the humanities and related social sciences. The ultimate goal of the project should be a major piece of scholarly work by the applicant. Awards provide up to \$35,000 for assistant professor-level investigators for six to twelve months of research.

American Political Science Association – Congressional Fellowship Program

http://www.apsanet.org/content_3540.cfm

Deadline: December

The purpose of this fellowship is to give early- to mid-career political scientists an opportunity to learn more about Congress and the legislative process through direct participation. A comprehensive orientation begins each year in November. Office assignments as full-time legislative aides in the House of Representatives and/or Senate run from December to August. Fellows receive a stipend of \$38,000, plus a small travel allowance.

Eligibility:

- U.S. citizenship or permanent U.S. residency;
- a Ph.D completed within the last 15 years or a dissertation near completion (ABD); and
- a scholarly interest in Congress and the policymaking process

William T. Grant Foundation – Scholars Program

http://www.wtgrantfoundation.org/funding_opportunities/fellowships/william_t_grant_scholars

Deadline: July

The Scholars Program is for early-career researchers in the social, behavioral, and health sciences. The Foundation encourages Scholars to tackle important questions that will advance theory, policy, and practice for youth on any of three topics: 1) reducing inequality, 2) understanding the use of research evidence, and 3) understanding social settings. Applicants must have received their terminal degree within seven years of submitting their application

Brain and Behavior Research Foundation

<http://bbrfoundation.org/yi>

Deadline: February

Offers up to \$30,000 per year for up to two years to enable promising investigators to either extend research fellowship training or begin careers as independent research faculty. Basic and/or clinical investigators are supported; research must be relevant to serious brain and behavior disorders such as schizophrenia, mood disorders, anxiety disorders, or child and adolescent mental illnesses.

Alfred P. Sloan Foundation – Sloan Research Fellowships

<http://www.sloan.org/sloan-research-fellowships/>

Deadline: September

Fellowships support fundamental research by early-career faculty in chemistry, computational and evolutionary molecular biology, computer science, economics, mathematics, neuroscience, ocean sciences, and physics. 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. Awards are \$50,000 for two years.

Humanities and the Arts

American Council of Learned Societies – Fellowships

<http://www.acls.org/programs/comps/>

Deadlines vary

Fellowships support research in all disciplines of the humanities and related social sciences. The ultimate goal of the project should be a major piece of scholarly work by the applicant. Awards provide up to \$35,000 for assistant professor-level investigators for six to twelve months of research.

Stanford Humanities Center – External Faculty Fellowships

<http://shc.stanford.edu/fellowships/non-stanford-faculty>

Deadline: October

Junior fellowships are for scholars who will be at least three and no more than ten years beyond receipt of the Ph.D. by the start of the fellowship year. Fellowships are for one full academic year, and require the fellow to be in residence. Fellows are awarded stipends of up to \$70,000 and a housing and moving allowance of up to \$30,000.