

Start Your Research Right:

A Guide to Early Career Funding Opportunities and
UNL Resources to Help You Secure Funding



Office of Research and Economic Development
University of Nebraska-Lincoln

Letter of Introduction

Research, scholarship, creative activity, and discovery continue non-stop at the University of Nebraska-Lincoln (UNL), and the breadth and depth of our faculty comprises extraordinary talent, diverse perspectives, and a wealth of experience with the potential to enhance teaching, discovery, and outreach.

To help you engage in our world-class research enterprise, the Office of Research and Economic Development provides a host of resources to catalyze the work of early career investigators. This booklet is one example of our commitment to your success. It lists a number of grant opportunities for early career faculty and identifies resources at UNL that support excellence in research, scholarship, and creative activity.

We also offer internal funding opportunities to help you increase your competitiveness for external grants; an outstanding proposal development office to help you ensure proposal narratives are clear, concise, and convincing; a proactive sponsored programs office to help you submit grant proposals for external funding; and numerous educational programs to help you understand research administration at UNL.

The door to the Office of Research and Economic Development is always open – we want to hear your ideas; help you find funding to support your research, scholarly, and creative activity; and connect you to others whose research and scholarship may complement yours.

Let us know how we may help you succeed. Please visit our office in person at 301 Canfield Administration Building or online at <http://research.unl.edu>.

Sincerely,



Prem S. Paul
Vice Chancellor for Research
and Economic Development

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Resources to Search for External Funding Opportunities

Free automated resources that keep you informed about federal and private funding opportunities:

- Grants.gov Opportunities Posting Update
http://www.grants.gov/applicants/email_subscription.jsp
- National Institutes of Health (NIH) Guide Listserv
<http://grants.nih.gov/grants/guide/listserv.htm>
- National Science Foundation (NSF) Update
<https://public.govdelivery.com/accounts/USNSF/subscriber/new?qsp=823>
- Philanthropy News Digest's Request for Proposal (RFP) Alert
<http://www.philanthropynewsdigest.org/pnd-alerts-and-newsletters>
- Federal Register
<http://www.gpo.gov/fdsys/browse/collection.action?collectionCode=FR>

Searchable databases that may be useful:

- Foundation Center for Grant Seekers at the UNL Libraries
<http://libraries.unl.edu/grants>
- Philanthropy News Digest
<http://foundationcenter.org/pnd/rfp/>
- NIH Guide for Grants and Contracts
http://grants.nih.gov/grants/guide/search_results.htm?scope=rfa&scope=pa&year=active&text_curr=&Search.x=22&Search.y=2
- NSF Contracting Opportunities
<http://www.nsf.gov/about/contracting/index.cfm>
- NSF Grant Opportunities
http://nsf.gov/funding/pgm_list.jsp?org=NSF&ord=date
- Catalog of Federal Domestic Assistance
<https://www.cfda.gov/>
- FedConnect
<https://www.fedconnect.net/FedConnect/Default.htm>
- FedBizOpps
<https://www.fbo.gov/index?s=main&mode=list&tab=list>
- H-Net Academic Announcements
<http://www.h-net.org/announce/group.cgi?type=Funding>
- Rural Assistance Center
<http://www.raconline.org/>

Manual reviews of sponsor websites also lead to funding opportunity announcements. These websites include:

- U.S. Department of Education
<http://www2.ed.gov/fund/grant/apply/grantapps/index.html>
- U.S. Department of Agriculture (USDA)
<http://www.csrees.usda.gov/index.html>
- U.S. Department of Energy (DOE)
<http://energy.gov/public-services/funding-opportunities>

Nebraska-specific resources include:

- Nebraska Department of Environmental Quality
<http://www.deq.state.ne.us/>
- Nebraska Environmental Trust
<http://www.environmentaltrust.org/grants/index.html>
- Nebraska Arts Council
<http://www.nebraskaartscouncil.org/Grants/>
- Nebraska Humanities Council
<http://www.nebraskahumanities.org/grants/grants.html>
- Nebraska Department of Economic Development
<http://nlcs1.nlc.state.ne.us/epubs/e1000/D006-2013.pdf>

Internal Funding Opportunities

Internal funds are available from the Office of Research and Economic Development and from the Research Council to support research, scholarship, and creative activities through annual, university-wide competitions. For more information on deadlines and application processes, see the [Faculty Resources section](#) of the Office of Research and Economic Development website.

Office of Research and Economic Development Awards

Internal funding opportunities from the Office of Research and Economic Development include the programs summarized below.

[Arts and Humanities Research Enhancement Program](#)

The objective of this program is to foster research, scholarship, and creative activity in the arts and humanities in order to enhance academic excellence in these disciplines and to increase UNL's competitiveness for external grants.

[Biomedical Research Seed Grants](#)

The goal of the Biomedical Research Seed Grants program is to enhance the competitiveness of faculty submitting grant proposals requesting R01 (research project grant) support for biomedical research funding from NIH. Evidence of prior work or preliminary data is a necessary component of most biomedical research proposals. Investigators are expected to leverage seed funding to accumulate evidence in support of a working hypothesis; demonstrate the feasibility of a new approach; or build reviewers' confidence in the project team's ability to handle cutting-edge technologies, understand methods, and interpret results.

[Layman Awards](#)

This program provides seed money for projects that will enhance the grantee's ability to obtain external funding to support prominent scholarly work. Priority will be given to untenured tenure-track faculty and to other eligible faculty who propose projects of high promise and who make a compelling case that Layman funding is critical to their success.

[New Directions Layman Awards](#)

The New Directions program supports the research of advanced rank faculty members (Associate/Full) who are re-entering research or seek to branch into new directions in the pursuit of external funding.

[Pathways to Interdisciplinary Research Centers](#)

The purpose of the Pathway to Interdisciplinary Research Centers competitive grant program is to foster or support interdisciplinary research teams at UNL and enhance their competitiveness for large-scale or center grants.

[Revision Awards](#)

The Revision Awards program is designed to enhance the competitiveness of faculty revising and resubmitting grant proposals by providing developmental and/or financial support to help improve highly meritorious, but previously unfunded federal funding proposals that are eligible for resubmission. Revision Awards will provide dedicated technical and research administration assistance and, in cases where additional data collection or prior work is critical, financial resources to support further preliminary study.

To apply for any of these awards, login to NUgrant (<http://nugrant.unl.edu>) using your Blackboard credentials, select the funding opportunity for which you will apply (e.g., Layman Award), and follow the step-by-step instructions. If you have any questions regarding the applications for Office of Research and Economic Development awards, contact Peg Filliez (pfilliez1@unl.edu, 402-472-3554). To obtain your Blackboard credentials, contact the UNL Help Desk (402-472-3970 or toll-free at 866-472-3970, mysupport@unl.edu).

Research Council Awards

The Research Council represents the diversity of research, scholarship, and creative activity at UNL with [twelve faculty members](#) who are appointed for three-year terms of service. Among the Council's duties are to review and award internal grants for research, scholarship, and creative activities with funds allocated from the University of Nebraska Foundation. For more

information on deadlines and application processes, please see the [Faculty Resources section](#) of the Office of Research and Economic Development website. Below is a list of Research Council opportunities.

[Faculty Seed Grants](#)

These grants support projects that encourage and enhance research, creative, and scholarly activities and enhance prospects of obtaining outside, competitive support.

[Grants-In-Aid](#)

Grants-in-aid support projects that promote a faculty member's research, creative, and scholarly activities that may or may not enhance prospects for obtaining outside support.

[Interdisciplinary Research Grants](#)

Interdisciplinary research grants support new initiatives in interdisciplinary research, creative, and scholarly activities to increase competitiveness of groups in applying for external funding and that could also serve as ideas for future development for strategic initiatives.

[Visiting Scholars](#)

This award supports visiting scholars who are recognized for excellence in their fields and whose research and scholarly activities are closely related to the research interests of the faculty and graduate students at UNL.

[Symposium/Distinguished Lecturers](#)

This award provides funds for outstanding invited scholars to deliver symposia or colloquia on campus that should be of interest to a large interdisciplinary segment of the university community.

[Special Opportunity Fund](#)

The special opportunity fund helps cover the costs associated with visits by distinguished speakers to UNL in special cases when the opportunity arises after the application deadline for the traditional Distinguished Lecturers program has passed.

To apply for Research Council Awards, login to NUgrant (<http://nugrant.unl.edu>) using your Blackboard credentials, select the funding opportunity for which you will apply (e.g., Faculty Seed Grants, Grant-in-Aid), and follow the step-by-step instructions. If you have any questions regarding the applications for Research Council awards, contact Mari Greer (mgreer1@unl.edu, 402-472-2851). To obtain your Blackboard credentials, contact the UNL Help Desk (402-472-3970 or toll-free at 866-472-3970, mysupport@unl.edu).

Faculty Early Career Awards – Arts and Humanities

Agency/Award	Deadline	Synopsis
The American Academy of Arts and Sciences Visiting Scholars Program	October	The purpose of this interdisciplinary program is to stimulate and support scholarly work by promising scholars and practitioners in the early stages of their careers and to foster exchange between an emerging generation of scholars and Academy members with shared interests. Proposals in the humanities and social sciences relating to culture, American history, and public policy are requested.
American Council of Learned Societies Fellowships	September	Fellowships support research in all disciplines of the humanities and humanities-related social sciences. The project goal should be a major piece of scholarly (not creative) work by the applicant. Awards provide up to \$35,000 for assistant professor-level investigators for six to twelve months of research.
National Endowment for the Humanities Summer Stipends	September	Summer stipends support individuals pursuing advanced research that is of value to scholars and/or general audiences of the humanities.
Nebraska Humanities Council Mini Grants	Multiple Deadlines	Mini grants fund humanities-related projects for \$2,000 or less.
Stanford Humanities Center External Faculty Fellowships	Varies	Junior fellowships are available for scholars who received their Ph.D. between three and ten years ago for research in the humanities. Stipends are up to \$60,000.
The Vilcek Foundation The Vilcek Prizes for Creative Promise	Annual (summer)	This \$50,000 prize recognizes talented, foreign-born artists living in the United States who have demonstrated significant creativity and originality in the early stages of their careers.
Woods Charitable Fund Grant Program	Contact the Fund	The Fund seeks to strengthen the community by improving opportunities and life outcomes for all people in Lincoln, Nebraska. Woods supports members of the nonprofit sector who are exploring creative alternatives and promoting more just, effective approaches to meet community needs.

Faculty Early Career Awards – Social and Education Sciences

Agency/Award	Deadline	Synopsis
Alzheimer's Association New Investigator Research Grant Program	Varies	This program provides new investigators with funding to develop preliminary or pilot data, test procedures, and develop hypotheses. Each award is limited to \$100,000 for up to two years.
The American Academy of Arts and Sciences Visiting Scholars Program	October	The purpose of this interdisciplinary program is to stimulate and support scholarly work by promising scholars and practitioners in the early stages of their careers and to foster exchange between an emerging generation of scholars and Academy members with shared interests. Proposals in the humanities and social sciences relating to culture, American history, and public policy are requested.
American Federation for Aging Research New Investigator Awards in Alzheimer's Disease	Varies, typically annual	This program supports research in areas in which more scientific investigation is needed to improve the prevention, diagnosis, and treatment of Alzheimer's. Up to four, one- to two-year awards of \$100,000 are available.
American Political Science Association Congressional Fellowship Program for Political Scientists	December	This fellowship gives early- to mid-career political scientists an opportunity to learn more about Congress and the legislative process through working as full-time legislative aides in the House of Representatives and/or Senate from December to August. Fellows receive a \$38,000 stipend and small travel allowance.
American Speech-Language-Hearing Foundation Research Grant for New Investigators	Varies	New scientists who earned their latest degree in communication sciences within the last five years are eligible to compete for \$5,000 grants for research in audiology or speech-language pathology.
Brain and Behavior Research Foundation NARSAD Young Investigator Award Program	Varies, typically annual	This award enables investigators to extend research fellowship training or begin careers as independent research faculty. Basic and/or clinical investigators are supported. Research must be relevant to serious psychiatric disorders such as schizophrenia, mood disorders, anxiety disorders, and others. Awards are for up to \$30,000 a year for up to two years.
Foundation for Child Development Young Scholars Program	Letters of Intent, May; Full Proposal, December	Fellowships provide up to \$150,000 for up to three years for basic and policy-relevant research about the early education, health, and well-being of immigrant children. Applicants must hold a Ph.D. or its equivalent in one of the behavioral and social sciences or in an allied professional field.
International Life Sciences Institute North America Future Leader Awards	Varies, typically annual	This award supports new investigators in the areas of experimental nutrition, nutrition and toxicology, and nutrition and food science. Provides \$15,000 per year for two years.

Agency/Award	Deadline	Synopsis
Knowles Science Teaching Foundation Research Fellowships	Varies	This fellowship supports early career scholars engaged in critical research in education in any discipline seeking to improve high school mathematics and science teaching in the U.S.
March of Dimes Basil O'Connor Starter Scholar Research Awards	March	This award is designed to support young scientists just embarking on their independent research careers and is limited to those holding recent faculty appointments. These grants may not exceed \$75,000 per year and are awarded for two years.
March of Dimes General Research Grants	Varies	Applications are invited for research grants directed at the prevention of birth defects, premature birth, and infant mortality, including social and behavioral science research that advances understanding of – and therefore ability to prevent – the cognitive and behavioral risks that affect outcomes of pregnancy, the perinatal period, and subsequent child development.
McKnight Foundation Scholar Awards	Varies, typically annual	Awards encourage neuroscientists in the early stages of their careers to focus on disorders of learning and memory. The Foundation especially seeks applicants working on problems that, if solved, would have immediate and significant impact on clinically relevant issues. Awards are \$75,000 per year for three years.
National Institutes of Health Career Development Awards (K Awards)	Varies	Individuals with a research doctorate should consider at least eight different awards, most of which support individuals who have accepted or are ready for a faculty position. The Career Transition Award (K22) provides support during the early years of a new faculty position.
The Spencer Foundation Research Grants	Varies	The Foundation provides funding for research projects in four areas: the relationship between education and social opportunity; organizational learning in schools, school systems, and higher education institutions; teaching, learning, and instructional resources; and purposes and values of education.
William T. Grant Foundation Scholars Program	Annual summer deadlines are typical	The program promotes the development of promising early career researchers from diverse disciplines whose research furthers understanding of the development of adolescents and young adults and the conditions that enable these youth to reach their full potential. Awards are for \$350,000 over five years.

Faculty Early Career Awards – Life and Agricultural Sciences

Agency/Award	Deadline	Synopsis
Air Force Office of Scientific Research Young Investigator Research Program	Varies	These awards foster creative basic research in science and engineering, enhance early career development of outstanding young investigators, and increase opportunities to recognize the Air Force's mission and challenges in science and engineering. Each award will be funded at the \$120,000 level for three years.
Alfred P. Sloan Foundation Sloan Research Fellowships	September	Candidates must hold a Ph.D. (or equivalent) in chemistry, computational or evolutionary molecular biology, computer science, economics, mathematics, neuroscience, physics, or a related field and normally be no more than six years from completion of their most recent Ph.D. (or equivalent) as of the year of their nomination. Candidates must be nominated by a department head or other senior researcher.
Alzheimer's Association New Investigator Research Grant Program	Varies	This program provides new investigators with funding to develop preliminary or pilot data, test procedures, and develop hypotheses. Each total award is limited to \$100,000 for up to two years.
American Association for Cancer Research Career Development Awards	Varies	These awards are open to junior faculty and are used to advance various areas of cancer research. Individual programs are designated for different types of cancer research, and grant amounts and terms vary depending on the program.
American Cancer Society Research Scholar Grants	April, October	This grant supports investigator-initiated projects across the cancer research continuum. Awards are for up to four years and for up to \$200,000 per year (direct costs), plus 20% allowable indirect costs. Independent investigators in the first six years of an independent research career or faculty appointment are eligible to apply.
American Diabetes Association Career Development Award	January	This award is designed to assist outstanding assistant professor level faculty investigators in conducting diabetes-related research. The award supports an individual's salary and research project to enable the investigator to advance his/her career as an independent investigator. Awards are up to \$175,500 per year for up to five years, including 15% allowable indirect costs. Additionally, applicants may request a \$25,000 stipend for additional equipment for each of the first two years.

Agency/Award	Deadline	Synopsis
American Diabetes Association Junior Faculty Award	January	This award supports new investigators who are establishing their independence in diabetes research. Applicants can have any level of faculty appointment up through assistant professor. Awards are up to \$138,000 per year for up to three years for direct costs, including 15% allowable indirect costs. Additionally, applicants can request up to \$10,000 per year toward the repayment of the principal on loans for a doctoral degree.
American Federation for Aging Research New Investigator Awards in Alzheimer's Disease	Varies, typically annual	This program supports research in areas in which more scientific investigation is needed to improve the prevention, diagnosis, and treatment of Alzheimer's disease. Up to four one- to two-year awards of \$100,000 each will be awarded.
American Heart Association Scientist Development Grant	July	This program supports highly promising beginning scientists in their progress toward independence by encouraging and adequately funding research projects that can bridge the gap between completion of research training and readiness for successful competition as an independent investigator. Proposals are encouraged from all basic, behavioral, epidemiological, and community and clinical investigations that bear on cardiovascular and stroke problems.
Army Research Office Young Investigator Program	Open	This program is designed to attract to Army research outstanding young university faculty members who have held their graduate degrees for fewer than five years to support their research and encourage their teaching and research careers. Grants are made in disciplines throughout the physical and life sciences and will not exceed \$50,000 per year for three years. See Research Area 11 in the Broad Agency Announcement.
Arthritis Foundation Innovative Research Grant	August	The purpose of the Arthritis Foundation's Innovative Research Grant initiative is to broaden the base of inquiry in fundamental biomedical science, clinical science, and bio-behavioral research with relevance to osteoarthritis, rheumatoid arthritis, and juvenile arthritis (JA). The research projects proposed under this Request for Applications (RFA) may involve substantial experimental risks with the potential for highly significant outcomes, but must be directly relevant to the RFA topics posed.
Beckman Foundation Young Investigators Program	Varies	This program supports young faculty in chemistry and the life sciences, particularly to foster the invention of methods, instruments, and materials that will open up new avenues of research in science. Typically, these are four-year projects capped at a total of \$750,000.

Agency/Award	Deadline	Synopsis
Brain and Behavior Research Foundation NARSAD Young Investigator Award Program	Annual	This award enables promising investigators to either extend research fellowship training or begin careers as independent research faculty. Basic and/or clinical investigators are supported and research must be relevant to serious psychiatric disorders such as schizophrenia, mood disorders, and others. Awards are offered for up to \$30,000 a year for up to two years.
Camille and Henry Dreyfus Foundation, Inc. Camille Dreyfus Teacher-Scholar Award	Varies	This award 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. The award provides an unrestricted research grant of \$75,000. See the award website for criteria for selection.
Camille and Henry Dreyfus Foundation, Inc. Henry Dreyfus Teacher-Scholar Award	Varies	This award supports the research and teaching careers of talented young faculty in the chemical sciences at undergraduate institutions. Based on institutional nominations, the program provides discretionary funding to faculty at an early stage in their careers and is based on accomplishment in scholarly research with undergraduates, as well as a compelling commitment to teaching. The award provides an unrestricted research grant of \$60,000.
The David and Lucile Packard Foundation Fellowships for Science and Engineering	Annual, typically during spring semester	The program invites up to two nominations from selected institutions and supports the innovative research efforts of young faculty members in the natural and physical sciences or engineering. Awards provide \$875,000 over five years.
Department of Energy Early Career Research Program	Annual	This program 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. Opportunities exist in Advanced Scientific Computing Research, Biological and Environmental Research, Basic Energy Sciences, Fusion Energy Sciences, High Energy Physics, and Nuclear Physics.
Esther A. and Joseph Klingenstein Fund, Inc. Klingenstein Fellowship Awards in the Neurosciences	January	This award supports a young investigator, within four years of receiving their tenure-track academic rank, engaged in basic or clinical research that may lead to a better understanding of neurological and psychiatric disorders. The award provides \$75,000 a year for up to three years.
Health Effects Institute Walter A. Rosenblith New Investigator Award	Varies, typically annual	The purpose of this award is to bring new, creative investigators into active research on the health effects of air pollution. It provides three years of funding for a small project relevant to the Institute's research interests. Each award is up to \$150,000 per year with a maximum of \$450,000 for three years.

Agency/Award	Deadline	Synopsis
Human Frontier Science Program Young Investigators' Research Grants	March	These grants support collaborative research in the life sciences, bringing 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 of obtaining an independent laboratory. Teams receive up to \$450,000 per year.
International Life Sciences Institute North America Future Leader Awards	Varies, typically annual	This award provides support to new investigators in the areas of experimental nutrition, nutrition and toxicology, and nutrition and food science and provides \$15,000 per year for two years.
Leukemia Research Foundation Hollis Brownstein Research Grants Program	February	By providing one-year grants of \$100,000 to selected New Investigator researchers, this program allows innovative scientists to act on their ideas and try new procedures and experiments that will hopefully lead to significant breakthroughs.
March of Dimes Basil O'Connor Starter Scholar Research Awards	March	This award is designed to support young scientists just embarking on their independent research careers and is limited to those holding recent faculty appointments. These grants may not exceed \$75,000 per year and are awarded for two years.
March of Dimes General Research Grants	Varies	All qualified scientists (see website) are invited to submit applications for research grants directed at the prevention of birth defects. Research subjects include basic biological processes governing development, genetics, clinical studies, studies of reproductive health, and environmental toxicology.
McKnight Foundation Scholar Awards	Varies, typically annual	Awards encourage neuroscientists in the early stages of their careers to focus on disorders of learning and memory. The Foundation especially seeks applicants working on problems that, if solved, would have an immediate and significant impact on clinically relevant issues. Awards are \$75,000 per year for three years.
National Institutes of Health Career Development Awards (K Awards) for Individuals with a Research Doctorate	Varies, depending on particular award	Individuals with a research doctorate should consider at least eight different awards, most of which support individuals who have accepted or are ready for a faculty position. This award is used differently by the participating NIH institutes and centers, and interested applicants should carefully review the relevant program announcements.
National Institutes of Health Director's New Innovator Award Program (DP2)	October	This award is designed specifically to support unusually creative new investigators with highly innovative research ideas at an early stage of their career when they may lack the preliminary data required for an R01 grant. The emphasis is on innovation and creativity; preliminary data are not required, but may be included.

Agency/Award	Deadline	Synopsis
National Institutes of Health Office of Extramural Research – New Investigator’s Program	Varies	Entry of new investigators into the ranks of independent, NIH-funded researchers is essential to the health of this country's biomedical research enterprise. The NIH Pathways to Independence Program employs multiple strategies to facilitate receiving an R01 award earlier in an investigator's research career.
National MS Society Harry Weaver Neuroscience Scholar Awards	August	As part of its overarching goals of stopping MS progression, restoring function, and ending MS forever, the National MS Society offers a limited number of Harry Weaver awards to highly qualified candidates who have concluded their research training and begun academic careers as independent investigators in an area related to multiple sclerosis. The awards are designed to provide salary and grant support for a five year period, thus permitting the awardee to establish competence in his/her chosen research area. Application must be made jointly by a candidate and the institution in which an appointment is held.
National Science Foundation Faculty Early Career Development (CAREER) Program	July	This program supports the early career development activities of teacher-scholars who most effectively integrate research and education within the context of the mission of their organization. The minimum CAREER award, including indirect costs, totals \$400,000 for a five-year duration.
Office of Naval Research Young Investigator Program	January	The Young Investigator Program makes awards of up to \$170,000 per year for three years to attract outstanding new faculty members at institutions of higher education to support their research and encourage their teaching and research careers. See the ONR website for supported research areas.
The Pharmaceutical Research and Manufacturers of America Foundation Research Starter Grants	Varies	The purpose of these grants is to offer financial support to individuals beginning their independent research careers at the faculty level. The program provides a research grant of \$30,000 per year for up to two years to advance science in pharmacology, toxicology, informatics, pharmaceuticals, and health outcomes.
Rockland Immunochemicals Joy Cappel Young Investigator Award	August	This award is intended to foster research conducted by a promising post-doctoral fellow, graduate student or young investigator performing research in the areas of oncology, nuclear signaling, developmental biology, epigenetics, immunology, microbiology, neuroscience, signal transduction or stem cell technology. This award provides a \$4,000 credit.

Agency/Award	Deadline	Synopsis
Susan G. Komen for the Cure Challenge Grants - Career Catalyst Research	Varies	These grants provide opportunities for early career scientists to achieve research independence with an independent award of up to \$450,000 over three years. Investigators lead a research project addressing an important question in breast cancer research and complete a self-defined career development plan with support from a mentor committee.
U.S. Department of Agriculture Agriculture and Food Research Initiative	Varies by program area	Eligible investigators or co-investigators include those who are beginning their research careers, do not have an extensive research publication record, and have fewer than five years postgraduate, career-track research experience. Funding is in the areas of natural resources and the environment; nutrition, food safety, and health; animals; pest biology and management; plants; markets, trade, and rural development; enhancing the value and use of agricultural and forest products; and agricultural systems research.
The Vilcek Foundation The Vilcek Prizes for Creative Promise	Annual (summer)	This \$50,000 prize recognizes talented, foreign-born scientists living in the United States who have demonstrated significant creativity and originality in the early stages of their careers.
Whitehall Foundation Grants-in-Aid	Letters-of-intent: January 15, April 15, October 1 Proposals: June 1, September 1, February 15	This grant funds researchers at the assistant professor level in the life sciences for basic research in neurobiology. Awarded for a one year period, not in excess of \$30,000.

Faculty Early Career Awards – Physical Sciences and Engineering

Agency/Award	Deadline	Synopsis
Air Force Office of Scientific Research Young Investigator Research Program	Varies	These awards foster creative basic research in science and engineering, enhance early career development of outstanding young investigators, and increase opportunities to recognize the Air Force's mission and challenges in science and engineering. Proposals addressing the research areas of interest for the Air Force Research Laboratory will be considered. Each award will be funded at the \$120,000 level for three years.
Alfred P. Sloan Foundation Sloan Research Fellowships	September for nominations	Candidates must hold a Ph.D. (or equivalent) in chemistry, computational or evolutionary molecular biology, computer science, economics, mathematics, neuroscience, physics, or a related field and normally be no more than six years from completion of their most recent Ph.D. (or equivalent) as of the year of their nomination. Candidates must be nominated by a department head or other senior researcher.
American Chemical Society Arthur C. Cope Young Scholar Awards	November	Cope awards provide a \$40,000 unrestricted research grant to ten scholars annually. The award recognizes and encourages excellence in organic chemistry.
American Chemical Society Petroleum Research Fund Doctoral New Investigator (DNI) Grants	March	The DNI grants program aims to promote the careers of young faculty by supporting research of high scientific caliber and to enhance the career opportunities of their undergraduate/graduate students and postdoctoral associates through the research experience. Awards are for \$110,000 over two years.
American Mathematical Association Centennial Fellowships	December	One-year fellowships are awarded for excellence in mathematical research. Stipends are approximately \$85,000, with an additional expense allowance of about \$8,500. Recipients shall have held the doctoral degree for at least three years and not more than twelve years at the inception of the award.
American Society for Mass Spectrometry Research Awards	November	Academic scientists within four years of joining tenure-track faculty are eligible for awards of \$35,000 for research in mass spectrometry.
Army Research Office Young Investigator Program	Open	This program is designed to attract to Army research outstanding young university faculty members who have held their graduate degrees for fewer than five years to support their research and encourage their teaching and research careers. Grants are made in disciplines throughout the physical and life sciences and will not exceed \$50,000 per year for three years. See Research Area 11 in the Broad Agency Announcement.

Agency/Award	Deadline	Synopsis
Camille and Henry Dreyfus Foundation, Inc. Camille Dreyfus Teacher-Scholar Award	Varies	This award 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. The award provides an unrestricted research grant of \$75,000. See the award website for criteria for selection.
Camille and Henry Dreyfus Foundation, Inc. Henry Dreyfus Teacher-Scholar Award	Varies	This award supports the research and teaching careers of talented young faculty in the chemical sciences at undergraduate institutions. Based on institutional nominations, the program provides discretionary funding to faculty at an early stage in their careers and is based on accomplishment in scholarly research with undergraduates, as well as a compelling commitment to teaching. The award provides an unrestricted research grant of \$60,000.
Congressionally Directed Medical Research Programs New Investigator Awards	Varies by program	Funding programs include, but are not limited to: autism spectrum disorder research program, breast cancer research program, defense medical research and development program, Gulf War veterans' illnesses research program, neurofibromatosis research program, ovarian cancer research program, peer-reviewed medical research program, psychological health and traumatic brain injury research program, prostate cancer research program, and tuberous sclerosis complex research program. Some of these areas have included New Investigator Awards.
The David and Lucile Packard Foundation Fellowships for Science and Engineering	Annual, typically during spring semester	This program invites up to two nominations from selected institutions and supports the innovative research efforts of young faculty members in the natural and physical sciences or engineering. Awards provide \$875,000 over five years.
Defense Advanced Research Projects Agency Microsystems Technology Office Young Faculty Award	Varies	This award supports groundbreaking, single-investigator proposals from junior faculty at universities for research and development in the specific areas of science, mathematics, and engineering of interest to DARPA's Microsystems Technology Office and Defense Sciences Office. Each grant will encompass funding for a 24-month base period consisting of two 12-month phases (a maximum of \$250,000 per 12-month phase) and a 12-month option period (a maximum of \$500,000).

Agency/Award	Deadline	Synopsis
Department of Energy Early Career Research Program	Annual	This program 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. Opportunities exist in Advanced Scientific Computing Research, Biological and Environmental Research, Basic Energy Sciences, Fusion Energy Sciences, High Energy Physics, and Nuclear Physics.
Human Frontier Science Program Young Investigators' Research Grants	March	This program 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 of obtaining an independent laboratory. Teams receive up to \$450,000 per year.
Microsoft Research Microsoft Research Faculty Fellowship Program	October for nominations	This program recognizes innovative, promising new faculty members whose exceptional talent for research and innovation in computer science identifies them as emerging leaders in their fields. Candidates must be nominated by their research institution; no more than one nomination from each research institution will be accepted. An emphasis is placed on nominations from departments working on computing research areas and areas that involve the innovative application of computing.
National Aeronautics and Space Administration New (Early Career) Investigator Program in Earth Science (ROSES program element)	Varies; applications are solicited every two years	This program 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.
National Science Foundation CAREER Program	July	This program supports the early career development activities of teacher-scholars who most effectively integrate research and education within the context of the mission of their organization. The minimum CAREER award totals \$400,000 for a five-year duration.
Office of Naval Research Young Investigator Program	January	The Young Investigator Program makes awards of up to \$170,000 per year for three years to attract outstanding new faculty members at institutions of higher education to support their research and encourage their teaching and research careers. See the ONR website for supported research areas.

Agency/Award	Deadline	Synopsis
Research Corporation for Science Advancement Cottrell Scholar Awards	Annual, typically late summer/early fall	The program's main goal 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 (see website for applicant requirements). Awards provide \$75,000.
U.S. Department of Agriculture Agriculture and Food Research Initiative	Varies by program	Eligible investigators or co-investigators include those who are beginning their research careers, do not have an extensive research publication record, and have fewer than five years postgraduate career-track research experience. Funding is available in the areas of natural resources and the environment; nutrition, food safety, and health; animals; pest biology and management; plants; markets, trade, and rural development; enhancing the value and use of agricultural and forest products; and agricultural systems research.

Proposal Development Resources

Office of Proposal Development

The Office of Proposal Development partners with faculty, staff, and administrators to develop competitive external grant proposals. The office enhances overall proposal quality by ensuring applicants meet sponsor guidelines and by improving the content, organization, and visual appeal of proposal packages. Since 2005, staff members within the office have helped UNL investigators secure more than \$332 million in competitive grant funding from a wide range of federal agencies and private foundations. The Office of Proposal Development also helps UNL faculty with idea development, proposal planning, and proposal preparation. Contact Tisha Mullen at tgilreathmullen2@unl.edu or 402-472-2894 for proposal development assistance.

Funding Announcements Listserv

All UNL faculty members are encouraged to sign up for *Funding Announcements*, a weekly email list of funding opportunities relevant to UNL expertise. To subscribe to the listserv, contact Tisha Mullen at tgilreathmullen2@unl.edu or 402-472-2894.

Expert External Review of Grant Proposals

To foster the success of competitive proposals for external funding, the Office of Research and Economic Development provides assistance in obtaining [peer review of federal grant proposals](#) prior to submission. For more information on this service, contact Tisha Mullen at tgilreathmullen2@unl.edu or 402-472-2894.

Grant Writing Seminars and Workshops

Various grant writing seminars and workshops are sponsored by the Office of Research and Economic Development. Two annual events are summarized below. Other events are advertised on the Office of Research and Economic Development website and in *Funding Announcements* as appropriate.

Annual “Write Winning Grants” Seminar: Watch for more information on this highly acclaimed grant writing seminar, typically presented each March by *Grant Writers’ Seminars and Workshops, LLC*. The seminar is designed for faculty members and others interested in developing grant proposals to NIH, NSF, USDA, and other funding agencies.

Faculty Early Career Award Workshop: The Office of Research and Economic Development hosts a workshop in the spring of each year for UNL faculty aimed at providing prospective grant applicants with 1) proposal writing advice from knowledgeable administrators and early career award recipients and 2) information about resources available at UNL to support the development of grant applications.

Contact with Program Officers at Federal Agencies

To enhance the competitiveness of research proposals by facilitating interaction with prospective sponsors, the Vice Chancellor for Research and Economic Development will consider faculty requests for awards to help defray the costs of travel to external funding agencies to meet with program officers to discuss proposals and future funding opportunities. To request funds, go to: <http://research.unl.edu/facultyresources/facultyTravel.php>.



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