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## External Faculty Early Career Awards – Life and Agricultural Sciences

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Agency/Award	Deadline	Synopsis
Air Force Office of Scientific Research <a href="#">Young Investigator Research Program</a>	June 1	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 <a href="#">Sloan Research Fellowships</a>	September 15, 2016	Candidates must hold a Ph.D. (or equivalent) in chemistry, computational or evolutionary molecular biology, computer science, economics, mathematics, neuroscience, ocean sciences, 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 <a href="#">Research Grant</a>	May 10	This program provides newly independent investigators with funding to develop preliminary or pilot data, test procedures, and develop hypotheses. Each award is limited to \$150,000 for up to three years.
American Association for Cancer Research <a href="#">Career Development Awards</a>	Varies by area of focus	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 <a href="#">Research Scholar Grants</a>	April 1 and October 15	This grant supports investigator-initiated projects across the cancer research continuum. Awards are for up to four years and for up to \$165,000 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 Federation for Aging Research <a href="#">New Investigator Awards in Alzheimer's Disease</a>	LOIs due January; Full applications due March	This program supports research in areas in which more scientific investigation is needed to improve the prevention, diagnosis, and treatment of Alzheimer's. It is anticipated that up to 3 grants of \$100,000 each will be awarded in 2017.
Army Research Office <a href="#">Young Investigator Program</a>	November 4, 2016	ONR's Young Investigator Program (YIP) seeks to identify and support academic scientists and engineers who are in their first or second full-time tenure-track or tenure-track-equivalent academic appointment, have begun their first appointment on or after 04 November 2011, and who show exceptional promise for doing creative research. It is anticipated that individual awards will be up to \$170,000 per year for 3 years.
Arnold and Mabel Beckman Foundation <a href="#">Young Investigators Program</a>	August 15	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.
Brain and Behavior Research Foundation <a href="#">NARSAD Young Investigator Grant</a>	Varies; program is offered annually	This award provides support for young scientists conducting neurobiological research. Two-year awards up to \$70,000, or \$35,000 per year are provided to enable promising investigators to either extend research fellowship training or begin careers as independent research faculty. Basic and/or clinical investigators are supported, but research must be relevant to serious brain and behavior disorders.
Camille and Henry Dreyfus Foundation, Inc. <a href="#">Henry Dreyfus Teacher-Scholar Award</a>	May 18	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 <a href="#">Fellowships for Science and Engineering</a>	Nominations due March 15	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 <a href="#">Early Career Research Program</a>	Pre-proposals due September 8, 2016	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. <a href="#">Klingenstein Fellowship Awards in the Neurosciences</a>	March 1, 2017	This award supports a young investigator, within four years of receiving their first tenure-track academic rank, engaged in basic or clinical research that may lead to a better understanding of neurological and psychiatric disorders. The award of \$225,000 is payable over a three-year period.
Health Effects Institute <a href="#">Walter A. Rosenblith New Investigator Award</a>	LOIs due in February; full applications due in April	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.
Human Frontier Science Program <a href="#">Young Investigators' Research Grants</a>	LOIs due March 31	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 <a href="#">North America Future Leader Awards</a>	June 17	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.
Leukemia Research Foundation <a href="#">Hollis Brownstein Research Grants Program</a>	LOIs due February 1, 2017	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 <a href="#">Basil O'Connor Starter Scholar Research Awards</a>	Nominations due March 16	This award is designed to support young scientists just embarking on their independent research careers and is limited to those holding recent faculty appointments. The award may not exceed \$150,000 for two years.
March of Dimes <a href="#">General Research Grants</a>	LOI due April 30; full applications due September 15	Applications are invited for research grants directed at the prevention of birth defects, premature birth, and infant mortality, including basic biological processes of development, genetics, clinical studies, studies of reproductive health, environmental toxicology, and studies in social and behavioral sciences that focus on factors contributing to adverse pregnancy outcomes, and on consequences of birth defects and prematurity.
McKnight Foundation <a href="#">Scholar Awards</a>	January 4	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 <a href="#">Career Development Awards (K Awards)</a>	February 12, June 12, October 12 (new applications)	The objective of the K Awards Program is to provide institutional research training opportunities (including international) to trainees at the undergraduate, graduate and postdoctoral levels, to provide support to increase the pool of individuals with academic and research expertise to become academic researchers, and to enhance the educational or research capacity at the sponsoring institution. K Awards of relevance to new investigators include: Academic Career Development Award (K07); Career Transition Award (K22).
National Institutes of Health <a href="#">New Innovator Award</a>	September 9, 2016	As part of NIH's commitment to increasing opportunities for new scientists, it has created the NIH Director's New Innovator Award to support exceptionally creative early stage investigators who propose highly innovative projects that have the potential for unusually high impact. This award complements ongoing efforts by NIH and its institutes and centers to fund new investigators through R01 grants and other mechanisms.

National Science Foundation <a href="#">Faculty Early Career Development (CAREER) Program</a>	July (varies by directorate)	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.
National Science Foundation <a href="#">Early Career Investigator Awards in Plant Genome Research</a>	Fall (check website – solicitation currently under revision)	The PGRP solicitation is currently under revision. It is anticipated that the new solicitation will include focus areas for research similar to those described in the FY15 solicitation, including (4) Early Career Investigator Awards in Plant Genome Research (ECA-PGR) to increase the participation of early-career scientists in plant genome research.
Office of Naval Research <a href="#">Young Investigator Program</a>	November 4, 2016	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 (PhRMA) Foundation <a href="#">Research Starter Grants</a>	Varies by program area	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 \$100,000 for one year to advance science in pharmacology / toxicology, informatics, pharmaceuticals, health outcomes, adherence improvement, and translational medicine and therapeutics.
Susan G. Komen for the Cure <a href="#">Career Catalyst Research Grants</a>	LOIs due July 14	These grants provide opportunities for early career scientists to achieve research independence with an independent award of up to \$450,000 over three years. 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 two research focus areas: Basic/Translational and Clinical.

U.S. Department of Agriculture <a href="#">Agriculture and Food Research Initiative</a>	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 priorities include: plant health and production and plant products; animal health and production and animal products; food safety, nutrition and health; bioenergy, natural resources and environment; agriculture systems and technology; and agriculture economics and rural communities.
Whitehall Foundation <a href="#">Grants-in-Aid</a>	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.