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Funding Opportunities Specifically for Early Career UNH Investigators: Science, Technology, Engineering, and Math (STEM) – Federal Agencies -- 12.13.18

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SPONSOR	SPONSOR SUBUNIT	PROGRAM NAME	TOPIC AREA / PROGRAM GOAL	ELIGIBILITY <i>Citizenship/residency requirements very widely. Always check sponsor's requirements carefully.</i>	AWARD DURATION & AMOUNT	PROGRAM URL OR CONTACT	MOST CURRENT DEADLINE	MOST CURRENT FOA OR GUIDELINES	RELEASE DATE
Administration for Community Living (ACL)	National Institute on Disability, Independent Living, and Rehabilitation Research	Switzer Research Fellowships Program — Merit Fellowships	Build research capacity by providing support to highly qualified individuals, including those who are individuals with disabilities, to conduct original research in an area authorized by section 204 of the Rehabilitation Act of 1973, as amended: Research, demonstration projects, training, and related activities to develop methods, procedures, and rehabilitation technology that maximize the full inclusion and integration into society, employment, independent living, family support, and economic and social self-sufficiency of individuals with disabilities, especially individuals with the most severe disabilities, and to improve the effectiveness of services authorized under the Act.	<ul style="list-style-type: none"> •Be in the earlier stage of his or her career in research •Have experience in independent study in an area which is directly pertinent to disability and rehabilitation 	\$70,000 over 1 year	https://www.grants.gov/web/grants/view-opportunity.html?oppld=310255	Jan 15, 2019 LOI Feb 11, 2019 Applications	https://www.grants.gov/web/grants/view-opportunity.html?oppld=310255	12/11/2018
Agency for Healthcare Research and Quality (AHRQ)		AHRQ Mentored Research Scientist Development Award (K01)	Provides support and “protected time” to individuals with a research doctoral degree for an intensive, supervised research career development experience in health services research Applications must be responsive to AHRQ’s mission, which is to produce evidence to make health care safer, higher quality, more accessible, equitable and affordable, and to work within HHS and with other partners to make sure that the evidence is understood and used. Within the mission, AHRQ’s specific priority areas of focus are: <ul style="list-style-type: none"> •Improve health care quality by accelerating implementation of Patient Centered Outcomes Research (PCOR) •Make health care safer •Increase accessibility by evaluating expansions of insurance coverage •Improve health care affordability, efficiency and cost transparency 	<ul style="list-style-type: none"> •U.S. citizen, national, or permanent resident by the time of the award •Research doctoral degree (e.g., PhD, ScD, DrPH) •Must have a “full-time” appointment at the applicant institution •Cannot have been or currently be a PD/PI on peer-reviewed Federal or non-Federal research grants, contracts, or cooperative agreements over \$100,000 direct costs per year OR be or have been a subproject leader on Program Projects (P01) or Center Grants (P50) or cooperative agreements •Cannot have been or currently be a PD/PI on any other individual Federal mentored career development award •Must be able to commit a minimum of nine person-months (75% of full-time professional effort) annually conducting research career development activities associated with this award for up to five years. The remaining three months (25% effort) annual effort can be divided among other research, clinical, and teaching activities but only if these activities are consistent with the goals of the award, i.e., the candidate’s development into an independent investigator. 	Salary and research support for a sustained period of “protected time” (3-5 years): Up to \$ 90,000 per year toward the salary of the recipient Up to \$25,000 per year toward the research development costs of recipient: a) tuition and fees related to career development b) research expenses such as supplies, equipment, and technical personnel working with research data c) travel to research meetings or training d) statistical services including personnel and computer time	https://www.ahrq.gov/funding/trainings-grants/k-awards.html	Standard receipt dates (Mar 12/Jul 12/Nov 12 annually) Program announcement expires November 12, 2019	https://grants.nih.gov/grants/guide/pa-files/PA-16-223.html	5/5/2016
Centers for Disease Control and Prevention (CDC)	National Institute for Occupational Safety and Health (NIOSH)	NIOSH Mentored Research Scientist Development Award (K01)	Provides support and 75% “protected time” for an intensive, supervised (mentored) career development experience in occupational health and safety research leading to research independence NIOSH supports research that is relevant, of high quality, and that demonstrates impact in reducing occupational disease and injury. Emphasis is placed on research projects that address needs outlined in the National Occupational Research Agenda (NORA).	<ul style="list-style-type: none"> •U.S. citizen, non-citizen national, or permanent resident •Hold research or health-professional doctoral or medical degree •Able to commit a minimum of 9 person-months (75% of full-time professional effort) conducting research career development activities associated with award •Full-time appointment at the academic institution that is the applicant institution at time of award •May not simultaneously submit or have an application pending for any other PHS career award (e.g., K07, K08, K22, K23) or any PHS or award that duplicates any of the provisions of the K01 award. •Current principal investigators on NIOSH or NIH career awards not eligible •Must name a primary sponsor/mentor, who together with the candidate, is responsible for the planning, direction, and execution of the program 	Direct costs of up to \$100,000/yr for 1-3 years	https://grants.nih.gov/grants/guide/pa-files/PA-18-799.html	Standard receipt dates (Mar 12/Jul 12/Nov 12 annually) Program announcement expires Nov 18, 2023	https://grants.nih.gov/grants/guide/pa-files/PA-18-799.html	5/24/2018

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Dept. of Agriculture (USDA)	National Institute of Food and Agriculture (NIFA)	Agriculture and Food Research Initiative (AFRI) Foundational and Applied Science Program -- Food and Agricultural Science Enhancement (FASE) Grants -- New Investigator Grants	Research, education and/or extension projects addressing topics in agriculture, life sciences, and rural economics No funding set-aside, but acts as a mechanism to support New Investigators below the usual program funding cut-off line	<ul style="list-style-type: none"> Institution must be USDA EPSCoR-eligible Less than 5 years of postgraduate, career-track experience* Does not have an extensive publication record Has not received competitive Federal research funds beyond pre-or postdoctoral grants or AFRI seed grants <p>*Post-doc appointments are not considered "career-track"; check with Program Director if not sure of eligibility</p> <ul style="list-style-type: none"> Check box on form to indicate eligibility 	Project amount and duration as indicated for program in AFRI RFA	http://nifa.usda.gov/resource/afri-fase-epscor-program	No specific RFA Identify appropriate AFRI program in Foundational and Applied Science Program and submit to that program by its deadlines	https://nifa.usda.gov/funding-opportunity/agriculture-and-food-research-initiative-foundational-applied-science-program	n/a
Dept. of Defense (DOD)	Air Force Office of Scientific Research (AFOSR)	Young Investigator Research Program	Basic research areas of current interest as detailed in the current AFOSR BAA Specific topics lie within the areas of: <ul style="list-style-type: none"> Engineering and Complex Systems Information and Networks Physical Sciences Chemistry and Biological Sciences Other Innovative Research Concepts 	<p>For FY 2019:</p> <ul style="list-style-type: none"> U.S. citizen, national, or permanent resident by 01 Oct 2018 Received a Ph.D. or equivalent degree on 1 April 2012 or later Employed full-time in a permanent, career- competitive, or tenure-track, position by an U.S. institution of higher education, industrial laboratory, or non-profit research organization <p>PIs with early career awards from other agencies or entities are eligible, but the proposed research must have a scope different from that already funded by the other organization.</p>	Up to \$150,000/yr for 3 years Exceptional proposals will be considered individually for higher funding level and/or longer duration (up to 5 years upon a successful third year review granting option pickup)	http://www.wpafb.af.mil/Welcome/Fact-Sheets/Display/Article/842100/#anch	Jun 1, 2018	https://www.grants.gov/web/grants/search-grants.html?keywords=FA9550-18-S-0002	3/8/2018
Dept. of Defense (DOD)	Army Research Office (ARO)	Young Investigator Program (See pp.66-68 of ARO Broad Agency Announcement (BAA) for Basic and Applied Scientific Research for Fiscal Years 2017 through 2022 (WW911NF-17-S-0002)	Research in: <ul style="list-style-type: none"> Materials sciences Ballistics and aeromechanics sciences information sciences Human sciences Survivability, lethality, and vulnerability analysis and assessment Chemistry Electronics Physics Environmental sciences Life sciences Mechanical sciences Mathematical sciences Computing sciences and network sciences 	<ul style="list-style-type: none"> U.S. citizen, U.S. national, or permanent resident alien Tenure-track position at U.S. university or college Held PhD or equivalent for fewer than 5 years at the time of application <p>Eligibility of PIs with early career awards from other agencies or entities is not addressed in FOA.</p>	Up to \$120,000/yr for 3 years	https://www.arl.army.mil/www/pages/8/W911NF-17-S-0002.pdf	Ongoing BAA expires Mar 31, 2022	https://www.arl.army.mil/www/pages/8/W911NF-17-S-0002.pdf	4/1/2017

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Dept. of Defense (DOD)	Defense Advanced Research Projects Agency (DARPA)	Young Faculty Award	<p>Innovative research proposals in these specific Topic Areas (TAs) of interest:</p> <ul style="list-style-type: none"> ◊ Biologically inspired GPS-denied navigation ◊ Enhancing Prophylactic Immunity and the Immune Response ◊ Plant Bio-mining System ◊ Bioaccelerants ◊ Quantum inspired classical optical computing ◊ The Biology of Team Performance ◊ Smart City Sensing for Chemical and Explosive Threat Detection and Identification ◊ Bio-inspired modeling of resilience and efficiency in complex systems ◊ Quantifying Software Vulnerability Longevity ◊ Hybrid Intelligent Agents ◊ Complete Logic Erasure And Recovery (CLEAR) <ul style="list-style-type: none"> ◊ Validating Type Consistency of Semi-Structured Data ◊ Device-centric Detection of Security and Privacy Attacks Against Cellular Networks ◊ Instinctual Radio Frequency (RF) Adaptive Circuits, Devices & Materials ◊ New Materials for Efficient Nonlinear Integrated Photonics ◊ Multi-Functional Materials for Additive Manufacturing ◊ Integrating Infrared Devices on Substrates with Low Dislocation Densities Using LowCost Fabrication Technologies ◊ Compact Planar Ultra broadband Array Antenna ◊ Non-foster Circuit Synthesis ◊ Integrated Analog Photonics ◊ Learning to Become Skilled at Tasks ◊ Predictive Vision ◊ Assessing the Reliability of Structural Systems Undergoing Intense Multi-Physics Loading Typical of Sustained Hypersonic Flight ◊ Health Monitoring of High Speed Propulsion Systems ◊ Dynamic Network Modeling for On-orbit Servicing, Assembly, and Manufacturing 	<p>U.S. Citizens, U.S. Permanent Residents, and Foreign Nationals who meet these eligibility criteria by the full proposal deadline:</p> <ul style="list-style-type: none"> •Current tenure-track assistant or associate professors OR •Current tenured faculty within 3 years of their Tenure date OR •Equivalent at a non-profit research institution within 12 years of the receipt of their Ph.D. <p>AND</p> <ul style="list-style-type: none"> •Employed at a U.S. Institution •Not a previous YFA recipient or former DARPA program manager <p>Submissions to young investigator programs sponsored by other agencies are not restricted.</p> <p>Non-U.S. individuals may participate to the extent that such participants comply with any necessary nondisclosure agreements, security regulations, export control laws, and other governing statutes applicable under the circumstances.</p>	<p>Base Period: Up to \$250,000/yr for 2 years + Option Period: Up to \$500,000 for 1 additional year (Director's Fellowship; awarded to select awardees based on project performance)</p>	<p>https://www.darpa.mil/work-with-us/for-universities/young-faculty-award</p>	<p>Executive Summary (1 per TA) Sep 10, 2018</p> <p>Proposal (1 per PI) Nov 13, 2018</p>	<p>DARPA-RA-18-02 Young Faculty Award</p>	8/9/2018
Dept. of Defense (DOD)	Defense Advanced Research Projects Agency (DARPA)	Defense Science Study Group (DSSG)	<p>Program of education and study that introduces outstanding science and engineering professors to the United States' security challenges and encourages them to apply their talents to these issues.</p> <ul style="list-style-type: none"> •Each group meets for two years for approximately 20 days per year, divided into two week-long sessions each summer and two three-day sessions each academic year. •Each group meets for two years for approximately 20 days per year, divided into two week-long sessions each summer and two three-day sessions each academic year. •During these 8 sessions, members focus on defense policy, related research and development, and the systems, missions, and operations of the armed forces and the intelligence community. •Members interact with top-level officials from the Defense Department, as well as senior officials of other government organizations such as the Department of Energy, various intelligence agencies, and Congress. •Alumni offered continuing opportunities for involvement in areas of national security, e.g., advisors, consultants, members of boards, study groups, and task forces for organizations that address technological problems of national importance. 	<ul style="list-style-type: none"> •U.S. citizen able to acquire a security clearance •Nominations from senior leaders within major universities and from DSSG mentors, advisors, alumni, and current members •Selection is based on academic excellence, breadth of interests, references, consideration of discipline, and geographic distribution 	Travel and lodging	http://dssg.ida.org/	Nominations for DSSG 2020-2021 accepted through December 2018	http://dssg.ida.org/nominations.html	

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Dept. of Defense (DOD)	Office of Naval Research (ONR)	Young Investigator Program	<p>Research areas (as described in the ONR Science and Technology (S&T) Department section of ONR's website at www.onr.navy.mil) which are of interest to ONR Program Officers</p> <p>Naval Science and Technology (S&T) Strategy (released in February 2105) has nine science and technology focus areas as follows:</p> <ul style="list-style-type: none"> ◊ Assure Access to Maritime Battlespace ◊ Autonomy and Unmanned Systems ◊ Electromagnetic Maneuver Warfare ◊ Expeditionary and Irregular Warfare ◊ Information Dominance - Cyber ◊ Platform Design and Survivability ◊ Power and Energy ◊ Power Projection and Integrated Defense ◊ Warfighter Performance 	<ul style="list-style-type: none"> • U.S. citizen, national, or permanent resident (on the date proposals are due) • Holding a first or second full-time tenure-track or tenure-track-equivalent faculty position • Received his/her PhD or equivalent degree on or after 01 January 2011 <p>PIs with early career awards from other agencies or entities are eligible, but the proposed research must have a scope different from that already funded by the other organization</p>	<p>Base Period: Up to \$250,000/yr for 2 years +</p> <p>Option Period: Up to \$250,000 for 1 additional year</p>	http://www.onr.navy.mil/Science-Technology/Directorates/office-research-discovery-invention/Sponsored-Research/YIP.aspx	8/31/18	N00014-18-S-F009	7/5/2018
Dept. of Energy (DOE)	Office of Science	Early Career Research Program	<p>Research in the disciplines supported by the DOE Office of Science:</p> <ul style="list-style-type: none"> ◊ Advanced Scientific Computing Research (ASCR) ◊ Biological and Environmental Research (BER) ◊ Basic Energy Sciences (BES) ◊ Fusion Energy Sciences (FES) ◊ High Energy Physics (HEP) ◊ Nuclear Physics (NP) 	<ul style="list-style-type: none"> • There is NOT a U.S. citizenship requirement for the Principal Investigator or any project participants. • Untenured assistant or untenured associate professor on the tenure track • No more than 10 years between the year the PhD was awarded and the year of the FOA was issued (e.g., for 2018 deadline, PhD must have been granted no earlier than 2007) • May submit <i>full application</i> in only 3 competitions • PIs with early career awards from other agencies or entities are eligible, but the proposed research must have a scope different from that already funded by the other organization 	\$750,000 over 5 years	http://science.energy.gov/early-career/	<p>Jan 25, 2018 (Preproposal)</p> <p>Apr 4, 2018 (Invited application)</p>	https://science.energy.gov/~media/grants/pdf/foas/2017/SC_FOA_0001761.pdf	12/18/2017
Dept. of State (STATE)	Fulbright Scholar Programs	Fulbright Early Career and Postdoctoral Scholar Awards	<p>Awards in STEM fields, the arts, humanities and social sciences</p> <p>Grantees expected to engage with graduate students in the host country and to continue their specialized training in cutting edge research</p> <p>In addition to their primary research or teaching activities, grantees may be asked to give public talks, mentor students, and otherwise engage with the host country academic community</p>	<ul style="list-style-type: none"> • U.S. citizenship at time of application • PhD or equivalent professional/terminal degree (including a master's degree, depending on the field) as appropriate • Completed doctoral degree within 5 previous years 	<p>Grant lengths vary - see specific description for host country/region in oc Catalog of Awards</p> <p>Amounts vary - see specific description for host country/region in Catalog of Awards</p>	http://www.cies.org/program/postdoc	Aug 1, annually	https://awards.cies.org/	3/1/2018
Environmental Protection Agency (EPA)	Science to Achieve Results (STAR) Program	Early Career portion of current RFAs	<p>EPA supports research in the areas of:</p> <ul style="list-style-type: none"> • Air • Climate Change • Ecosystems • Health • Safer Chemicals • Sustainability • Water 	<ul style="list-style-type: none"> • Hold a doctoral degree in a field related to the research being solicited by the closing date of the RFA • Be untenured at the closing date of the RFA • By the award date, be employed in a tenure-track position (or tenure-track-equivalent position) as an assistant professor (or equivalent title) at an institution in the U.S., its territories, or possessions 	Varies -- check specific program	https://www.epa.gov/research-grants/research-funding-opportunities	Varies -- check specific program	https://www.epa.gov/research-grants/research-funding-opportunities	Varies

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National Aeronautics and Space Administration (NASA)	NASA Headquarters	ROSES 2018: Heliophysics - Early Career Investigator Program	<p>Research must be relevant to the goals and objectives of the Heliophysics division:</p> <p>The four high level science goals from the Heliophysics Decadal survey (Solar and Space Physics: A Science for a Technological Society) are:</p> <ol style="list-style-type: none"> Determine the origins of the Sun's activity and predict the variations in the space environment Determine the dynamics and coupling of Earth's magnetosphere, ionosphere, and atmosphere and their response to solar and terrestrial inputs Determine the interaction of the Sun with the Solar System and the interstellar medium Discover and characterize fundamental processes that occur both within the heliosphere and throughout the universe 	<p>Ph.D. conferral date on or after January 1, 2008 (but see also #3, below).</p> <p>AND</p> <p>By the time of initially receiving funding of the award:</p> <ol style="list-style-type: none"> Be employed at a U.S. institution Be in a tenure-track or non-tenure-track position in either teaching or research or both <p>---Research faculty are eligible.</p> <p>---Those in temporary positions with a fixed end-date (like post-doctoral fellowships or other term-limited positions) are not eligible, unless they are actively in transition to a permanent position by the time of receiving funding.</p> <ol style="list-style-type: none"> Despite being more than ten years beyond the receipt of their Ph.D. degrees, individuals who have interrupted their careers for reasons such as family leave or serious health problems may also be eligible. These applicants should make a written request to the point of contact in Section 6, below, prior to the Step-1 due date to propose. NASA will provide a written response within three weeks. Not hold or have held academic tenure (or equivalent at an academic institution) Not be a current or former recipient of the Presidential Early Career Award for Scientists and Engineers (PECASE) award. 	<p>\$125K/year – \$175K/year</p> <p>Up to five years in duration</p> <p>Award amounts and durations will be based on the justifications provided in the proposal.</p>	<p>https://nspires.nasaprs.com/external/solicitations/summary/limit.do?solld={EF5B02E4-7A52-46F6-8AB0-1B23A797162C}&path=open</p>	<p>Step-1 Proposal Mar 20, 2018</p> <p>Step-2 Proposal Sep 13, 2018</p>	<p>NNH18ZDA001N-ECIP</p>	2/15/2018
National Aeronautics and Space Administration (NASA)	Science Mission Directorate	New (Early Career) Investigator Program in Earth Science	<p>Supports innovative research initiatives and cultivates scientific leadership in Earth system science</p> <p>Particular emphasis put on the investigators' ability to promote and increase the use of space-based remote sensing through the proposed research</p>	<ul style="list-style-type: none"> Recent PhD recipient, i.e., graduated on or after January 1 of the year that is no more than 5 years before the issuance date of the ROSES NRA Be in tenure- or nontenure-track position in either teaching or research or both Not hold or have held tenure (or equivalent) on or before the submission deadline of this program Not a current or former recipient of the NIP or PECASE award 	\$80,000 - 90,000/year for up to 3 years	<p>https://nspires.nasaprs.com/external/solicitations/summary/limit.do?solld={61A5A591-887B-FAC2-3630-9EDB54DDE61E}&path=open</p>	Oct 4, 2017	<p>https://nspires.nasaprs.com/external/solicitations/summary/limit.do?solld={61A5A591-887B-FAC2-3630-9EDB54DDE61E}&path=open</p>	2/17/2017
National Aeronautics and Space Administration (NASA)	Science Mission Directorate	Roman Technology Fellowship (Nancy Grace Roman Technology Fellowship in Astrophysics)	<p>Provides early career researchers the opportunity to develop:</p> <ul style="list-style-type: none"> skills necessary to lead astrophysics flight instrumentation development projects and become principal investigators (PIs) of future astrophysics missions; and innovative technologies that have the potential to enable major scientific breakthroughs 	<ul style="list-style-type: none"> Recent PhD recipient, i.e., graduated on or after January 1 of the year that is no more than 8 years before the issuance date of the ROSES NRA Hold an early career position such as a postdoctoral, tenure-track, term civil service, or an equivalent nontenured position U.S. citizen or have permanent residency Not hold or have held a career civil service, tenure, or equivalent position on or before the submission deadline of this program Not be a current or former recipient of the RTF or a PECASE award 	Amount and award periods vary with structured sequence of award phases: Concept Study, Development Phase, and Start-up Funds (See RFP for details)	<p>https://science.nasa.gov/researchers/sara/fellowship-programs/nancy-grace-roman-technology-fellowships-astrophysics-early-career-researchers/</p>	Sep 21, 2017	<p>https://nspires.nasaprs.com/external/solicitations/summary/limit.do?solld={98807A2E-469E-D1FC-EAE1-0FBFF7DC416D}&path=open</p>	2/17/2017
National Aeronautics and Space Administration (NASA)	Space Technology Mission Directorate	Space Technology Research Grants Program - Early Career Faculty	<p>Proposals to develop unique, disruptive, or transformational space technologies that have the potential to lead to dramatic improvements at the system level — performance, weight, cost, reliability, operational simplicity, or other figures of merit associated with space flight hardware or missions.</p> <p>Topic Areas:</p> <ul style="list-style-type: none"> Batteries for Extreme Cold Environments MOF and Ionic Liquids/Membrane Technologies for Advanced CO2 Removal Applications Entry Guidance Methods for Precision Planetary Landers 	<ul style="list-style-type: none"> Untenured Assistant Professor at time of award U.S. citizen or have lawful status of permanent residency (i.e., holder of a U.S. Permanent Resident Card, also referred to as a Green Card) no later than August 1 following the proposal submission deadline Not be a current or former recipient of a Presidential Early Career Award for Scientists and Engineers (PECASE) Not be a current or former recipient of an STRG Program ECF award. 	\$200,000/year for up to 3 years	<p>http://www.nasa.gov/directorates/spacetech/strg/archives_stro.html</p>	<p>Feb 28, 2018 NOI</p> <p>Mar 28 2018 Proposal</p>	<p>https://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solld={9924F083-213D-6F27-D07C-7CE49399F5FD}&path=closedPast</p>	2/7/2018

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National Geospatial-Intelligence Agency (NGA)	NGA Academic Research Program (NARP)	NGA New Investigator Program (NIP) Grants. <i>See p. 12 of National Geospatial-Intelligence Agency Academic Research Program (HHM0476-18-BAA-0001)</i>	Supports outstanding university faculty members to conduct innovative, high-payoff research that provides the basis for revolutionary progress in areas of science and technology affecting the needs and mission of NGA. Also supports the National System for Geospatial Intelligence, which is the combination of technology, systems and organizations that gather, produce, distribute, and consume geospatial data and information. End result is aimed at advancing GEOINT capabilities by improving analytical methods, enhancing and expanding systems capabilities, and leveraging resources for NGA, DOD and the IC.	<ul style="list-style-type: none"> •U.S. citizen, U.S. national, or permanent U.S. resident •Hold faculty positions at U.S. university and college •Held doctorate degree (PhD or equivalent) for less than 5 years at the time of application •Strong institution support for the applicant throughout the grant period is required. <p>This support may include time released from teaching or administrative responsibilities, the purchase of equipment, support for the applicant's graduate students, and departmental cost sharing.</p> <p>(Eligibility of PIs with early career awards from other agencies or entities is not addressed in FOA.)</p>	\$100,000/yr for 2 years + Up to one-year option valued at \$100,000	https://www.nga.mil/Partners/ResearchandGrants/Pages/AcademicResearchProgram.aspx		https://www.grants.gov/web/grants/search-grants.html?keywords=HM0476-18-BAA-0001	3/27/2018
National Institutes of Health (NIH)	See NIH LIST for details								
National Security Agency (NSA)	Mathematical Sciences Program	Grants for Research in Mathematics - Young Investigators Grant	Self-directed, unclassified research in the areas of algebra, number theory, discrete mathematics, probability and statistics Does <i>not</i> support cryptology research	<ul style="list-style-type: none"> •U.S. citizen or permanent resident •Within 10 years of receiving PhD •Individuals who have a grant from another U.S. government agency (such as the NSF) that supports any of their research are ineligible to receive an NSA MSP Young Investigator Grant for the same time period. 	\$20,000/yr for 2 years	https://www.nsa.gov/what-we-do/research/math-sciences-program/	Opens on Sep 1 each year	Suspended for FY18	
National Science Foundation (NSF)	Cross-cutting	Faculty Early Career Development Program (CAREER)	Provides stable support at a sufficient level and duration to enable awardees to develop careers as outstanding researchers and educators who effectively integrate teaching, learning, and discovery Available to researchers in all fields of science, technology, mathematics, and engineering supported by NSF	<ul style="list-style-type: none"> •May submit proposal in only 3 competitions By the Directorate's deadline for submission: •Hold a doctoral degree in a field supported by NSF •Be engaged in research in an area of science, engineering, or education supported by NSF As of October 1st following the deadline for submission: •Be employed in a tenure-track (or tenure-track-equivalent) position as an assistant professor (or equivalent title) •Be untenured •Have not previously received an NSF CAREER award <p>Prior or concurrent Federal support for other types of awards or for non-duplicative research does not preclude eligibility.</p>	BIO, ENG, and PLR: \$500,000 (minimum) total costs over 5 years CISE, HER, GEO, MPS, SBE: \$400,000 (minimum) total costs over 5 years " PIs are strongly encouraged to contact their disciplinary Program Officer or the appropriate CAREER contact to discuss budget requests for their proposed CAREER activities, and typical funding levels for their discipline. Many programs and Directorates prefer to make more awards by funding CAREER proposals closer to the minimum award size. Proposers should also review the list of recent CAREER awards made in their discipline for guidance on average award size."	http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503214	BIO, CISE, HER Jul 17, 2019 (3rd Wed in Jul) ENG Jul 18, 2019 (3rd Thu in Jul) GEO, MPS, SBE Jul 19, 2019 (3rd Fri in Jul)	https://www.nsf.gov/publications/pub_summ.jsp?WT.z_pims_id=503214&ods_key=nsf17537	7/24/2017

SPONSOR	SPONSOR SUBUNIT	PROGRAM NAME	TOPIC AREA / PROGRAM GOAL	ELIGIBILITY <i>Citizenship/residency requirements very widely. Always check sponsor's requirements carefully.</i>	AWARD DURATION & AMOUNT	PROGRAM URL OR CONTACT	MOST CURRENT DEADLINE	MOST CURRENT FOA OR GUIDELINES	RELEASE DATE
National Science Foundation (NSF)	Directorate for Computer and Information Science and Engineering (CISE)	Computer and Information Science and Engineering (CISE) Research Initiation Initiative (CRII)	Encourages potentially transformative proposals in any area of CISE research from PIs who are in their first academic position post-PhD. The goal is for the PI to achieve research independence early in his or her career. Support provided to undertake exploratory investigations; to acquire and test preliminary data; to develop collaborations within or across research disciplines; and/or to develop new algorithms, approaches, and system designs/prototypes, which together or separately may lead to improved capacity to write successful proposals submitted to other programs in the future	<ul style="list-style-type: none"> •May submit proposal in only 2 competitions •May not submit a CRII proposal in the same calendar year in which a CAREER proposal is submitted <p>As of the submission deadline:</p> <ul style="list-style-type: none"> •Hold a primary appointment (or if applying to the CISE Office of Advanced Cyberinfrastructure, hold a full- or part-time appointment) in computer and/or information science and/or engineering, or in a related field of computational or data science (where the PI would normally submit proposals to CISE programs) •Be untenured •Be in the first 3 years of a tenure-track or research science or education position (or equivalent). •Have not received any other grants or contracts in the PI role from any department, agency, or institution of the federal government EXCEPT <ul style="list-style-type: none"> ◊ Workshop or student conference travel awards ◊ Doctoral dissertation improvement grants ◊ Postdoctoral research fellowship awards, such as SEES Fellows or CI Fellows ◊ A Graduate Research Fellowship or similar fellowship award from NSF ◊ REU or RET awards ◊ SBIR or STTR awards that were received while the PI worked in industry 	Up to \$175,000 total costs for up to 24 months	https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504952	Aug 08, 2018 Aug 14, 2019 (2nd Wed in Aug)	https://www.nsf.gov/publications/pub_summ.jsp?WT.z_pims_id=504952&ods_key=nsf18554	3/29/2018
Nuclear Regulatory Commission (NRC)	Nuclear Education Program	Faculty Development Grant See: <i>U.S. Nuclear Regulatory Commission Funding Opportunity Announcement (FOA), Scholarship and Fellowship Education Grant, Faculty Development Grant, and Trade School and Community College Scholarship Grant, Fiscal Year (FY) 2019 [FOA 31310018K0002]</i>	Support for new faculty in the nuclear-related fields of Nuclear, Mechanical, Civil, Environmental, Electrical, Fire Protection, and Materials Sciences Engineering or Health Physics The NRC has interest in topics including but not limited to <ul style="list-style-type: none"> •Fuels •Neutronics •Thermal-hydraulics •Accident-Progression (e.g., performance of safety relief valves) •Consequence •Emergency Preparedness •Radiation Protection Analysis •Radiochemistry •Probabilistic Risk Assessment •Seismology •Fire Risk Analysis •Advanced reactor (non-light water reactor) •Safety systems •Other related disciplines 	<ul style="list-style-type: none"> •Untenured, tenure-track faculty in the first 6 years of their career •U.S. citizen, national, or permanent resident <p>Eligibility of PIs with early career awards from other agencies or entities is not addressed in FOA.</p>	Base award is \$300,000 over 3 years Can include support for:	http://www.nrc.gov/about-nrc/grants.html#fd	Nov 30, 2018	https://www.grants.gov/web/grants/search-grants.html?keywords=31310018K0002	9/30/2018