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Criminal Justice

Soros Justice Advocacy Fellowships

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Improving Undergraduate STEM Education: Pathways into Geoscience – NSF

Graduate Research Fellowship – NSF

Environmental & Life Sciences

Collections in Support of Biological Research – NSF

Exploratory Research - AFRI – USDA

Marine Fisheries Initiative (MARFIN) – Dept. of Commerce

Coastal CEES – NSF

Institutional Development Grant – North Carolina Biotechnology Center

Small Research Grant Program (Parent R03) – NIH

Innovation Grants to Nurture Initial Translational Efforts (IGNITE): Assay Development and Therapeutic Agent Identification and Characterization to Support Therapeutic Discovery – NIH R21/R33

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Funding Opportunities

Criminal Justice

**Soros Justice Advocacy Fellowships** – **Due October 21.** These support outstanding individuals, including lawyers, advocates, grassroots organizers, activists academics, and others with important perspectives to initiate innovative policy advocacy projects at the local, state, and national levels that will have a measureable impact on one or more of the Open Society Foundations’ U.S. criminal justice priorities.

Education

**EHR Core Research – NSF. DUE September 10.** The EHR seeks proposals that will help synthesize, build and/or expand research foundations in the following focal areas: STEM learning, STEM learning environments, STEM workforce development, and broadening participation in STEM.

**Scholarships in Science, Technology, Engineering, and Mathematics Program (S-STEM) – NSF. DUE September 22.** An active S-STEM at ECU, “The Bio-Excellence Scholarship Program,” is led by Dr. Mary Farwell.

**Improving Undergraduate STEM Education: Pathways into Geoscience – NSF. DUE Letter of Intent REQUIRED; Full Proposal October 5.** The primary goal of the ISUE is to increase the number of undergraduate students interested in pursuing undergraduate degrees and/or post-graduate degrees in geoscience through the design and testing of novel approaches for engaging students in authentic, career-relevant experiences in geoscience. In order to broaden participation in the geosciences, engaging undergraduate students from traditionally underrepresented groups or from non-geoscience degree programs is a priority. The *IUSE: GEOPATHS* solicitation features two funding Tracks: (1) Engaging students in the geosciences through extra-curricular experiences and training activities (*GEOPATHS-EXTRA*), and (2) Improving pathways into the geosciences through institutional collaborations and transfer (*GEOPATHS-IMPACT*).

**Graduate Research Fellowship – NSF** DUE October 26 Geological; Life Sciences; or, October 29, Psychology; or, October 30, Physics. Let your doctoral students know about this opportunity to apply for up to three years of support who have shown exceptional progress in their STEM area of concentration.

Environmental & Life Sciences

**Collections in Support of Biological Research – NSF, DUE September 10.** From the Division of Biological Infrastructure, the CSBR program provides for enhancements that secure and improve existing collections, improves the accessibility of digitized specimen-related data, and develop better methods for specimen curation and collection management. Requests should demonstrate a clear and urgent need to secure the collection, and the proposed activities should address that need.
Exploratory Research - AFRI – USDA Due September 30 This program area encourages continuous development of innovative ideas that will position U.S. Agriculture at the global forefront.

Marine Fisheries Initiative (MARFIN) – Dept. of Commerce, DUE October 2. For research and development projects that optimize the use of fisheries in the Gulf of Mexico, Puerto Rico, the U.S. Virgin Islands, and off the South Atlantic states of North Carolina, South Carolina, Georgia, and Florida involving the U.S. fishing industry (recreational and commercial), including fishery biology, resource assessment, socio-economic assessment, management and conservation, selected harvesting methods, and fish handling and processing. This program addresses NOAA’s mission goal "Healthy Oceans."

Coastal CEES – NSF, DUE October 2. The Crosscutting program, Coastal SEES, is focused on the sustainability of coastal systems. “Systems” defined here is the swath of land closely connected to the sea, including barrier islands, wetlands, mudflats, beaches, estuaries, cities, towns, recreational area, and maritime facilities; the continental seas and shelves; and the overlying atmosphere.

Institutional Development Grant – North Carolina Biotechnology Center, DUE October 7 at NOON. The purpose of the Institutional Development Grant program is to enhance and grow the infrastructure for biotechnology research at North Carolina research institutions. Grant funds support the purchase of research equipment or core facilities that serve multiple investigators. Research Extensive universities* require at least six investigators; Non-research Extensive universities require at least three.

Small Research Grant Program (Parent R03) – NIH Due October 16. This funding opportunity supports small research projects that can be carried out in a short period of time with limited resources. The R03 activity code supports different types of projects including pilot and feasibility studies; secondary analysis of existing data; small, self-contained research projects; development of research methodology; and development of new research technology.

Innovation Grants to Nurture Initial Translational Efforts (IGNITE): Assay Development and Therapeutic Agent Identification and Characterization to Support Therapeutic Discovery – NIH R21/R33. DUE October 16. This opportunity supports research to develop in vitro and/or ex vivo assays and conduct iterative screening efforts to identify and characterize potential therapeutic agents for neurological disorders.

Environmental Sustainability NSF DUE October 20. From the Division of Chemical, Bioengineering, Environmental, and Transport Systems the program goal is to promote sustainable engineered systems that support human well-being and that are also compatible with sustaining natural (environmental) systems. These systems provide ecological services vital for human survival. Research efforts supported by the program typically consider long time horizons and may incorporate contributions from the social sciences and ethics. The program supports engineering research that seeks to balance society’s need to provide ecological protection and maintain stable economic conditions.

Chemical and Biological Separations – NSF DUE October 20. The goal of the program is to generate novel methods and materials for separation processes. These processes are central to the
chemical, biochemical, materials, energy, and pharmaceutical industries. A fundamental understanding of the interfacial, transport, and thermodynamic behavior of multiphase chemical systems as well as quantitative descriptions of processing characteristics in the process-oriented industries is critical for efficient resource management and effective environmental protection. The program encourages proposals that address emerging research areas and technologies, have a high degree of interdisciplinary work coupled with the generation of fundamental knowledge, and the integration of education and research.

**Target Validation Program – Michal J. Fox Foundation for Parkinson’s Research.** Pre-proposal DUE October 28. Target Validation awards support research characterizing promising, novel PD-relevant targets or continuing target biology work on established PD targets. These awards are well-suited to projects where hypothetical or experimental rationale for a target is compelling but where limited and study results can make the case for continuing (or discontinuing) a line of research. Target Validation Awards also support projects addressing roadblocks and knowledge gaps in understanding biological mechanisms associated with high-priority PD targets already supported by a strong body of validation data: alpha-synuclein, LRRK2, GBA, Nurr1, parkin and trophic factors.

**Humanities**

**Enduring Questions – NEH.** DUE September 10. The NEH Enduring Questions grant program supports faculty members in the preparation of a new course on a fundamental concern of human life as addressed by the humanities. This question-driven course would encourage undergraduates and teachers to join together in a deep and sustained program of reading in order to encounter influential ideas, works, and thinkers over the centuries.

**Dialogues on the Experience of War – NEH.** DUE September 15. As part of the new NEH initiative, Standing Together: The Humanities and the Experience of War, the NEH offers this first opportunity to engage in the study and discussion of important humanities sources about war, in the belief these sources can help U.S. military veterans and others to think more deeply about the issues raised by war and military service. The program supports the recruitment and training of discussion leaders and, following training, the convening of at least two discussion programs which can take place on university campuses, in veterans’ centers, at public libraries and museums, and other community venues.

**Digital Humanities Start-up Grants – NEH.** DUE September 16. This program is designed to encourage innovations in the digital humanities. By awarding relatively small grants to support the planning stages, NEH aims to encourage the development of innovative projects that promise to benefit the humanities. Proposals should be for the planning or initial stages of digital initiatives in any area of the humanities.

**International and Area Studies Fellowships – American Council of Learned Societies.** DUE September 23. Open to the humanities and social sciences, the ACLS Fellowships are intended as salary replacement to help scholars devote six to twelve continuous months to full-time research and writing. ACLS Fellowships are portable and are tenable at the fellow’s home institution, abroad, or at another appropriate site for research. The ultimate goal of the project should be a major piece of scholarly work by the applicant. ACLS does not fund creative work (e.g., novels or films), textbooks, straightforward translation, or pedagogical projects.
Collaborative Research Fellowships ACLS, Due September 23. The aim of this fellowship program is to offer small teams of two or more scholars the opportunity to collaborate intensively on a single, substantive project. The fellowship supports projects that produce a tangible research product (such as joint print or web publications) for which two or more collaborators will take credit.

Fellowships for Creative and Performing Artists and Writers - American Antiquarian Society. DUE October 5. Visiting fellows are invited to conduct historical research whose goals are to produce imaginative, non-formulaic works dealing with pre-twentieth century American history.

Literacy and Engagement with Historical Records – National Archives & Records Administration. Due October 8. Projects might create and develop programs to engage people in basic archival processes. For example, projects may wish to enlist "citizen archivists" in projects to accelerate digitization and online public access to historical records. Projects might also develop digital archives training for the public. For example, projects may seek to increase individual understanding of technology operations and concepts so that people can engage in effective personal digital archiving. The NHPRC is looking for projects that create models and technologies that other institutions can adopt without cost. In general, collaborations between archivists, documentary editors, historians, educators, and/or community-based individuals are more likely to create a competitive proposal.

Digital Dissemination of Archival Collections. DUE October 8. Grants are awarded for digitizing documentary source materials. Projects may focus on the papers of major figures from American life or cover broad historical movements in politics, military, business, social reform, the arts, and other aspects of the national experience. The historical value of the records and their expected usefulness to broad audiences must justify the costs of the project.

Women’s Studies in Religion Program – Harvard Divinity School. Due October 15. Supports up to five full time research associate and visiting faculty positions into the program. Proposals for book-length research projects using both religion and gender as central categories of analysis are welcome.

National Humanities Center Fellowships DUE October 15. Up to 40 fellowships are offered for fellows to conduct advanced study in the humanities for the period of September 2016 to May 2016. Young scholars as well as senior scholars are encouraged to apply.

Site Preservation Grant – Archaeological Institute of America (AIA). Due October 15. The AIA is targeting projects that not only seek to directly preserve archaeological sites, but those that also emphasize outreach, education, and/or best practices intended to create a positive impact on the local community, students, and the discipline of archaeology as a whole.

Mid-Career Grants in Historic Preservation – Fitch Charitable Foundation. Due October 15. Fellowships are available for one or two mid-career professionals who have an academic background, professional experience and an established identity in one or more of the following fields: historic preservation, architecture, landscape architecture, urban design, environmental planning, architectural history and the decorative arts. Projects will make a meaningful contribution to the academic and/or professional field of historic preservation in the United States.

Notre Dame Institute for Advanced Study – John Templeton Foundation DUE October 15. Templeton Fellowships support distinguished senior scholars with an extensive record of academic accomplishment interesting in “Pursuing the Unity of Knowledge: Integrating
Religion, Science, and the Academic Disciplines; the Residential Fellowships provides research support to scholars that include questions of values in their analyses, integrate diverse disciplines, and ask how their findings advance civilization.

**Research: Art Works – NEA** – Due October 20. This program provides grants to research the value and impact of the arts. Through accurate, relevant, and time analyses and reports, the NEA elucidates the factors, conditions, and characteristics of the U.S. arts ecosystem and the impact of the arts on other domains of American life.

**North Carolina Stories – NC Humanities Council** DUE Open encourages themed investigations on local history (such as immigration, migration, adaptation, and displacement.)

### Physical Sciences

**High Energy Physics - DOE.** DUE LOI August 13, Full Proposal DUE September 17. The mission of the HEP program is to understand how the universe works at its most 3 fundamental level, which is done by discovering the elementary constituents of matter and energy, probing the interactions between them, and exploring the basic nature of space and time. The Energy Frontier supports projects where powerful accelerators are used to create new particles, reveal their interactions, and investigate fundamental forces.

**Early Career Research Program – DOE.** Pre-application DUE September 9. Support is available for early career investigators in Basic Energy Sciences, Fusion Energy Sciences, High Energy Physics, and other areas. The purpose of the program is to support the development of individual research programs of outstanding scientists early in their careers and to stimulate research careers in the areas supported by the DOE Office of Science.

**Joint Initiative to Support Research at the Interface of the Biological and Mathematical Sciences – NSF.** DUE September 15. From the Division of Mathematical Sciences, this joint opportunity supports research in mathematics and statistics on questions in the biological and biomedical sciences.

**Focused Research Groups in the Mathematical Sciences – NSF.** Due September 18. The purpose of the FRG activity is to allow groups of researchers to respond to recognized scientific needs of pressing importance, to take advantage of current scientific opportunities, or to prepare the ground for anticipated significant scientific developments in the mathematical sciences.

**Ideas Lab: Measuring “Big G’ Challenge – NSF.** DUE September 21. This solicitation describes an Ideas Lab on "Measuring Big G" Ideas Labs are intensive meetings focused on finding innovative solutions to grand challenge problems. The ultimate aim of this Ideas Lab organized by the Physics Division of the Mathematical and Physical Sciences Directorate at the National Science Foundation (NSF), in collaboration with experts in the field, is to facilitate the development of new experiments designed to measure Newton’s gravitational constant G with relative uncertainties approaching or surpassing one part in 100,000.

**Analysis – NSF.** DUE October 6. The Analysis Program supports basic research in that area of mathematics whose roots can be traced to the calculus of Newton and Leibniz. More generally, research
supported by Analysis provides the theoretical underpinning for the majority of applications of the mathematical sciences to other scientific disciplines.

**Algebra and Number Theory – NSF.** DUE October 9. The Algebra and Number Theory program supports research in algebra, algebraic and arithmetic geometry, number theory, and representation theory.

**Development and Application of PET and SPECT Imaging Ligands as Biomarkers for Drug Discovery – NIH R21, R33.** DUE October 16. The R21 exploration/developmental research opportunity will fund projects that propose the development of novel radio ligands for positron emission tomography (PET) or single photon emission computed tomography (SPECT) imaging in human brain, and that incorporate pilot or clinical feasibility evaluation in pre-clinical studies, model development, or clinical studies. Although this FOA uses the R21 grant mechanism, it runs in parallel with a program announcement of identical scientific scope, PAR-13-158, which uses the R21/R33 Phased Innovation Award grant mechanism.

**Small Research Grant (Parent R03) – NIH.** DUE October 16. The R03 supports small research projects that can be carried out in a short period of time with limited resources. The R03 activity code supports different types of projects including pilot and feasibility studies; secondary analysis of existing data; small, self-contained research projects; development of research methodology; and development of new research technology.

**Energy for Sustainability – NSF** DUE October 20. From the Division of Chemical, Bioengineering, Environmental, and Transport Systems, the program goal is to support fundamental engineering research and education that will enable innovative processes for the sustainable production of electricity and transportation fuels. Processes for sustainable energy production must be environmentally benign, reduce greenhouse gas production, and utilize renewable resources.

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**Social Sciences**

**NIST Studying the Economic Impact of Documentary Standards – Dept. of Commerce.** DUE August 24. Develop and disseminate data and tools to assess the economic impact of documentary standards. The awardee will collaborate with NIST to understand and empirically assess the role of various organizations, including standards developing organizations, in standards development and analyze the impacts that documentary standards have on U.S. economic activity and innovation.

**Geography and Spatial Sciences Program – NSF** DUE September 1. The Geography and Spatial Sciences Program sponsors research on the geographic distributions and interactions of human, physical, and biotic systems on Earth. Investigators are encouraged to propose plans for research about the nature, causes, and consequences of human activity and natural environmental processes across a range of scales.

**Science of Organizations - NSF.** DUE September 3. From the Division of Social and Economic Sciences, SoO funds research that advances our fundamental understanding of how organizations develop, form and operate. Successful SoO research proposals use scientific methods to develop and
refine theories, to empirically test theories and frameworks, and to develop new measures and methods. Funded research is aimed at yielding generalizable insights that are of value to the business practitioner, policy-maker and research communities.

**NIH Director’s New Innovator Award Program (DP2) – DUE October 17.** This initiative supports a small number of early stage investigators of exceptional creativity who propose bold and highly innovative new research approaches that have the potential to produce a major impact on broad, important problems in biomedical and behavioral research. The New Innovator Award initiative complements ongoing efforts by NIH and its Institutes and Centers to fund early stage investigators through R01 grants, which continue to be the major sources of NIH support for early stage investigators.

**Exploratory and Developmental Grant to Improve Health Care Quality through Health Information Technology (IT) R21 – NIH DUE October 16.** The exploratory and developmental opportunity will support research grants that will contribute to the evidence base of how health IT improves health care quality. This FOA supports the use of a wide variety of research designs in order to generate information regarding the design and development, implementation, use, or impact of health IT on quality. Depending on the research design and intent of the project, applicants may receive support for: (1) pilot and feasibility or self-contained health IT research projects; (2) secondary data analysis of health IT research; or (3) economic (prospective or retrospective) analyses of a health IT project. Each grant application must clearly state which type of the three types of studies is being proposed.

**Occupational and Safety Education Programs on Emerging technologies (R25) Superfund Research Program - NIH LOI DUE September 20 full application DUE October 20** The overarching goal of this Superfund Research Program (SRP) Occupational and Safety Education Programs on Emerging Technologies is to support educational activities that complement and/or enhance the training of a workforce to meet the nation’s biomedical, behavioral and clinical research needs. To accomplish the stated goal, this FOA will support creative educational activities with a primary focus on Courses for Skill Development and Curriculum or Methods Development. The intent is to provide Higher Education Institutions the opportunity to develop continuing education and academic curricula on the occupational health and safety management practices in the areas of emerging technologies (e.g., emerging hazardous waste products, green chemistry, sustainable remediation, and detection technologies) to industrial hygienists and graduate students involved in the research, evaluation, management, and handling of hazardous substances.

### Supplemental Support

**REMINDEER: Facilitation Research at Primarily Undergraduate Institutions: RUI and ROA opportunities – NSF Eligibility at ECU good-thru August 15, 2015.** The Research Opportunity Awards (ROAs) can include

- A supplement to an existing NSF award
- Requests to re-budget funds in an existing NSF award
- Submission of a new collaborative proposal with equally eligible universities

### Federal Agency Notices & Grant Details

Refer here for all sources: [http://www.ecu.edu/cs-cas/oor/funding.cfm](http://www.ecu.edu/cs-cas/oor/funding.cfm)