

May 10, 2021

## **Biological Sciences assistant professor Laura Aldrich-Wolfe receives NSF CAREER Award**

Laura Aldrich-Wolfe, NDSU assistant professor of biological sciences, was recently awarded a National Science Foundation Faculty Early Career Development Program (NSF CAREER) award. Considered the agency's most prestigious award in support of early-career faculty, the \$1,162,262 award will provide multiple cross-cultural research opportunities for both undergraduate and graduate students



working in international settings to advance the understanding of the role of fungal diversity in ecosystem function, particularly the effects of diversity on decomposition rates and plant disease incidence and severity, and to create educational materials that will improve specific learning outcomes in undergraduate biology courses.

Aldrich-Wolfe considers herself a conservation biologist. "Humans depend on biodiversity, the diversity of life on Earth, for our sustenance and survival, yet our current management of Earth's natural resources has generated rapid losses of biodiversity across many different types of living organisms," Aldrich-Wolfe said. "Because agriculture is the largest contributor to this loss, a clear understanding of the relative importance of different agricultural practices to biodiversity loss is urgently needed."

This award will continue her research into the importance of biodiversity for key functions of fungi in a coffee agroecosystem. Coffee, Aldrich-Wolfe indicated, is a crop of critical importance to the global economy and to coffee producers, processors, purveyors, and consumers in the United States. Insights into the interplay of agricultural practices and fungi in coffee will offer lessons applicable to agriculture elsewhere, including here in North Dakota. Aldrich-Wolfe is particularly interested in the role fungal diversity plays in reducing crop diseases and in improving crop nutrient cycling.

Currently little is known about the effects of agricultural practices on fungal biodiversity and how they may alter the critical functions that fungi naturally play, including acting as decomposers that return nutrients to crops; as beneficial endophytes that protect plants from pests and pathogens; and as mycoparasites that reduce potential harm to crops by feeding on other fungi.

Aldrich-Wolfe first formed an appreciation for the tropics when she participated in an undergraduate study abroad program in Monteverde, Costa Rica, which inspired her to work on challenges of reforestation in Costa Rica for her Ph.D. at Cornell University. These experiences forged a lasting connection.

“While fungi are found everywhere on the planet, the diversity of species found near the equator is staggering,” she said. “I also appreciate that Costa Rica is a stable democracy that invests in their people and that really values scientific research. Over the past 20 years I have formed close personal and professional bonds with many people who live there and I consider them part of my family.”

[Read more about Aldrich-Wolfe's CAREER award >>](#)

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## **Virtual Meeting: NSF Directorate for Social, Behavioral, and Economic Sciences**

**Thursday, June 3, 2021 / 10-11am**

RCA Research Development is hosting a one-hour virtual webinar with Dr. Arthur Lupia, the Assistant Director of the National Science Foundation (NSF) and head of the Directorate for Social, Behavioral, and Economic Sciences ([SBE](#)).

NSF SBE supports basic research on people and society. The SBE sciences focus on human behavior and social organizations and how social, economic, political, cultural, and environmental forces affect the lives of people from birth to old age and how people in turn shape those forces.



SBE funds a wide range of research programs.

Organized into four divisions, these SBE programs support research that cuts across the human experience: Behavioral and Cognitive Sciences, Social and Economic Sciences, Multidisciplinary Activities, and the National Center for Science and Engineering Statistics.

[Register to attend >>](#)



## Congratulations to all award recipients from February 2021!

View the complete list online: [PDF](#) | [Excel](#)

The awards listed are externally funded projects. Each month one of the RCA Updates will include prior month awards.

[See Award Reports from previous months >>](#)

## Upcoming Webinar Opportunities

**May 12, 2021 / 12pm**

National Science Foundation - Migrating NSF Proposal Preparation and Submission from FastLane to Research.gov

[Learn more >>](#)

**May 12, 2021 / 12pm**

SHARPhub / KU Center for Technology and Commercialization Lunch and Learn -  
Meet the Entrepreneur

[Learn more >>](#)

**May 25-26, 2021**

National Academies of Science, Engineering, and Medicine - Diversity, Equity, and  
Inclusion in Chemistry and Chemical Engineering

[Learn more >>](#)

**May 27, 2021 / 1pm**

Grant Writing for Early Career Scientists

[Learn more >>](#)

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### RCA Research Support Services Awards

Through the Research Support Services program, funds of up to \$2,500 can be requested to help defray the costs of support services required for research, creative, or scholarly activity. Funds must be spent by June 15, 2021. More information and application instructions are posted on the [RCA website](#). Please contact [ndsu.researchdev@ndsu.edu](mailto:ndsu.researchdev@ndsu.edu) with questions.

### Upcoming Limited Submission Program Deadlines

[Limited submission grant programs](#) are those that indicate a limit on the number of proposals that may be submitted by an institution for a particular deadline. A selection process becomes necessary if more applicants express interest in applying than NDSU is allowed to submit to the grant program. Email notifications of interest to [ndsu.researchdev@ndsu.edu](mailto:ndsu.researchdev@ndsu.edu).

If you identify a limited submission opportunity that is not on the list below, please notify [ndsu.researchdev@ndsu.edu](mailto:ndsu.researchdev@ndsu.edu).

- [Breast Cancer Alliance: Young Investigator Grants](#)  
*Notification Deadline: 05/12/2021*
- [NSF: ADVANCE - Partnership Track](#)  
*Notification Deadline: 06/02/2021*

There are a number of limited submission grant programs with upcoming agency deadlines for which we did not receive any notifications of interest. A full list of those programs is available on the [Limited Submissions page](#). For these programs, marked "First to Notify," approval to move forward with a full proposal submission to the funder will be given on a first come, first served basis. Email notifications of interest to [ndsu.researchdev@ndsu.edu](mailto:ndsu.researchdev@ndsu.edu).

### Looking for more funding opportunities?



On January 1, NDSU transitioned to a new funding opportunity database subscription: SPIN by InfoEd Global. SPIN is free for current NDSU faculty, staff, and students.

For more information, visit the [SPIN page](#) on the RCA website. If you have questions, please contact [ndsu.researchdev@ndsu.edu](mailto:ndsu.researchdev@ndsu.edu).

## AHRQ: Special Emphasis Notice - Health Services Research to Advance Health Equity

The purpose of this Special Emphasis Notice (SEN) [[NOT-HS-21-014](#)] is to inform the research community of the Agency for Healthcare Research and Quality's (AHRQ) interest in receiving health services research grant applications that propose innovative and evidence-based interventions that advance the nation's goal of achieving equity in the delivery of healthcare services including reducing disparities in quality of care, patient safety, healthcare utilization and access, and ultimately, health outcomes.

AHRQ encourages applications that:

- Develop and implement novel and innovative evidence-based interventions to advance equity within healthcare delivery systems including real-time evaluation (RTE) of both implementation and impact;
- Test, adapt and implement existing evidence-based interventions to advance equity within healthcare delivery systems including the integration of a RTE of both implementation and impact;
- Evaluate the scalability and sustainability of evidence-based healthcare delivery system interventions to advance equity including the integration of a RTE of implementation and impact with metrics associated with scale-up and sustainability objectives.

Applicants may propose projects addressing any healthcare delivery-related topic with demonstrated health inequities, including but not limited to:

- Maternal Healthcare Delivery;
- Primary Care Delivery;
- Prevention of Diagnostic Errors;
- Care Delivery for Persons with Multiple Chronic Conditions;
- Digital Healthcare Tools / Methods;
- Integration of SDOH and Social Needs Care within Healthcare Delivery;
- Nursing Home Care Delivery;
- Behavior and Mental Healthcare Delivery (including substance abuse); and
- Healthcare Policies (including changes in health insurance access, coverage and payment).

The Agency encourages research teams to submit applications in response to this emphasis using AHRQ's standing R18, R03, and R01 funding mechanisms ([PA-18-793](#), [PA-18-794](#), [PA-18-795](#)). AHRQ also is interested in receiving career development awards ([PA-20-067](#) and [PA-17-232](#)) that propose developing generalizable health service research skills through projects related to the addressing healthcare equity. Additionally, AHRQ has interest in receiving dissertation award grant proposals that relate addressing healthcare equity ([PA-18-765](#)).

## DoD: Minerva Research Initiative - Social Science Research

The Minerva Research Initiative [[WHS-AD-FOA-21-01](#)] emphasizes questions of strategic importance to U.S. national security policy. It seeks to increase the Department's intellectual capital in the social sciences and improve its ability to address future challenges and build bridges between the Department and the social science community. Minerva brings together universities and other research institutions around the world and supports multidisciplinary and cross-institutional projects addressing specific interest areas determined by the Department of Defense (DoD). The Minerva program aims to promote research in specific areas of social science and to promote a candid and constructive relationship between DoD and the social science academic community.

The Minerva Research Initiative competition is for research related to nine (9) topics listed below. Innovative white papers and proposals related to these research areas are highly encouraged. Detailed descriptions of the interest areas—which are intended to provide a frame of reference and are not meant to be restrictive—can be found in Section IX of the [solicitation](#) (see "Related Documents" tab).

- Topic 1: Social Implications of Environmental Change
- Topic 2: Resource Competition, Social Cohesion, and Strategic Climate Resilience
- Topic 3: Security Risks in Ungoverned, Semi-Governed, and Differently-Governed Spaces
- Topic 4: Analysis of Foreign Influence Operations in Cross-Cultural Perspective
- Topic 5: Community Studies on Online and Offline Influence
- Topic 6: Computational Social Science Research on Difficult-to-Access Environments
- Topic 7: Social and Cultural Implications of Artificial Intelligence
- Topic 8: Humans and Outer Space
- Topic 9: Management and Information in the Defense Environment

Proposals will be considered both for single-investigator awards as well as larger teams. A team of university investigators may be warranted because the necessary expertise in addressing the multiple facets of the interest areas may reside in different universities, or in different departments of the same university. The research questions addressed should extend across a fairly broad range of linked issues where there is clear potential synergy among the contributions of the distinct disciplines represented on the team.



White Paper deadline: June 23, 2021; 2pm

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## Facebook: Statistics for Improving Insights, Models, and Decisions

Facebook is interested in making advances in data science methodologies for decision making. Faculty are invited to apply to this funding opportunity in the following key focus areas:

- Learning and evaluation under uncertainty;
- Statistical models of complex social processes;
- Casual inference with observational data;
- Algorithmic Auditing;
- Performance Regression Detection and Attribution;
- Forecasting for Aggregated Time Series;
- Privacy-aware statistics for noisy, distributed data sets.

For full details and to apply, please visit the [2021 Statistics for Improving Insights, Models, and Decisions RFP page](#).

Deadline: June 30, 2021

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## Foundation for Child Development: Young Scholars Program

The [Foundation for Child Development](#) (FCD) connects research, policy, and practice to help build early childhood systems that enable children to reach their full potential. To that end, FCD currently is accepting LOIs for its 2021 [Young Scholars Program](#) (YSP), which funds implementation research that is policy and practice-relevant and examines the preparation, competency, compensation, well-being, and ongoing professional learning of the early care and education (ECE) workforce.

Three specific goals frame the foundation's current programmatic priority to strengthen the ECE workforce: professionalize the early childhood field and build greater awareness of the status of the early childhood workforce; enhance the quality of professional

practice; and improve teacher preparation and ongoing professional learning, with special attention to the influence and role of institutions of higher education. The foundation supports research that is related to the ECE workforce that serves the YSP priority population of young children, from birth to age eight, who experience the harmful effects of poverty and discrimination.

Priority populations include children from low-income families and / or those experiencing extreme poverty; children with diverse racial and ethnic backgrounds; immigrant or refugee families, undocumented minors, or children whose family members have been detained or deported; dual language and multilingual learners; children with social education classifications; children experiencing homelessness; and victims of trauma and / or child maltreatment.

Award amounts are up to \$225,000 for primary data collection or a combination of primary data collection and secondary data analysis and up to \$180,000 for secondary data analysis. To be eligible, researchers must have received their doctoral degrees (e.g., PhD, EdD, PsyD, JD, etc.) between January 1, 2012, and June 30, 2020.

*Letter of Intent deadline: June 8, 2021*

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## **Library of Congress: Teaching with Primary Sources**

Since 2006, the Library has awarded [Teaching with Primary Sources \(TPS\) grants](#) to build a nationwide network of organizations that deliver educational programming, and create teaching materials and tools based on the Library's digitized primary sources and other online resources. Each year members of this network, called the TPS Consortium, support tens of thousands of learners to build knowledge, engagement, and critical thinking skills with items from the Library's collections.

The Library releases yearly notices of funding opportunity to invite educational organizations to apply for grants ranging from \$35,000 to \$100,000, to support implementation of TPS projects in the United States and its territories.

In addition to seeking grants directly from the Library of Congress, interested applicants may apply for TPS regional grants administered by Waynesburg University, Illinois State

University, and Metropolitan State University, in the East, Midwest, and West, respectively. Each offers sub-grants of up to \$25,000, on a continuous rolling basis to organizations wishing to incorporate TPS methods and materials into their programs for teachers.

*Deadline: May 28, 2021; Noon*

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## **NEH: Public Humanities Projects**

The National Endowment for the Humanities (NEH) [Public Humanities Projects program](#) supports projects that bring the ideas of the humanities to life for general audiences through public programming. Projects must engage humanities scholarship to analyze significant themes in disciplines such as history, literature, ethics, and art history. Awards support projects that are intended to reach broad and diverse public audiences in non-classroom settings in the United States. Projects should engage with ideas that are accessible to the general public and employ appealing interpretive formats.

This program supports projects in three categories (Exhibitions, Historic Places, and Humanities Discussions), and at two funding levels (Planning and Implementation). Proposed projects may include complementary components: for example, a museum exhibition might be accompanied by a website or mobile app.

Project topics may be international, national, regional, or local in focus, but locally focused projects should address topics that are of regional or national relevance by drawing connections to broad themes or historical questions. Projects that don't address issues of concern to wider regional or national audiences might consider local sources of funding, such as their [state humanities councils](#).

Humanities projects tailored to particular groups, such as families, youth (including K-12 students in informal educational settings), underserved communities, and veterans, are welcomed.

A pre-recorded webinar will be posted to the [program page](#) by May 20, 2021.

*Optional draft deadline: July 7, 2021*  
*Application deadline: August 11, 2021*

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## **NIH: Bioengineering Research Grants (R01 Clinical Trial Not Allowed)**

The purpose of this funding opportunity announcement [[PAR-19-158](#)] is to encourage collaborations between the life and physical sciences that:

1. apply a multidisciplinary bioengineering approach to the solution of a biomedical problem; and
2. integrate, optimize, validate, translate or otherwise accelerate the adoption of promising tools, methods and techniques for a specific research or clinical problem in basic, translational, or clinical science and practice.

An application may propose design-directed, developmental, discovery-driven, or hypothesis-driven research and is appropriate for small teams applying an integrative approach to increase our understanding of and solve problems in biological, clinical or translational science.

*Upcoming deadlines: June 5, 2021; October 5, 2021*

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## **NIJ: Impact of Public Policy on Racial and Ethnic Disparities in the Justice System**

With this solicitation [[O-NIJ-2021-99003](#)], the National Institute of Justice (NIJ) seeks applications for funding of investigator-initiated proposals for evidence-based, nonpartisan analyses of existing evidence to examine how observed racial and ethnic disparities in the justice system might be reduced through public policy. NIJ seeks applications in two categories:

1. Research to Identify Policy Interventions
2. Secondary Analysis of Data from Relevant Existing Studies

*Deadline: June 11, 2021*

## **NSF / Amazon: Fairness in Artificial Intelligence**

NSF and Amazon are partnering to jointly support computational research focused on fairness in Artificial Intelligence (AI) [[NSF 21-585](#)], with the goal of contributing to trustworthy AI systems that are readily accepted and deployed to tackle grand challenges facing society. Specific topics of interest include, but are not limited to transparency, explainability, accountability, inclusivity, potential adverse biases (including social biases) and effects, mitigation strategies, algorithmic advances, fairness objectives, validation of fairness, participatory design, and advances in broad accessibility and utility. Funded projects will enable broadened acceptance of AI systems, helping the U.S. to further capitalize on the potential of AI technologies. Although Amazon provides partial funding for this program, it will not play a role in the selection of proposals for award.

Advancing AI is a highly interdisciplinary endeavor drawing on fields such as computer science, information science, engineering, statistics, mathematics, cognitive science, psychology, sociology, decision science, and economics. Considerations of practice, often derived from the social, behavioral, and economic sciences, can inform new directions for computational science to better realize the benefits of algorithmic and data fairness. As such, NSF and Amazon expect these varied perspectives to be critical for the study of fairness in AI. NSF's ability to bring together multiple scientific disciplines uniquely positions the agency in this collaboration, while building AI that is fair and unbiased is an important aspect of Amazon's AI initiatives. This program supports the conduct of fundamental computer science research into theories, techniques, and methodologies that go well beyond today's capabilities and are motivated by challenges and requirements in real systems.

*Deadline: August 3, 2021*

## **NSF DCL: Advancing Discovery with AI-Powered Tools (ADAPT) in the Mathematical and Physical Sciences (MPS)**

This Dear Colleague Letter (DCL) [[NSF 21-080](#)] welcomes proposals for the development or new application of AI-inspired tools and techniques, with opportunities in, but not

limited to, four focus areas: (i) modeling and simulation, (ii) data and model analytics, (iii) concept discovery, and (iv) physical systems / experimentation. Successful proposals will advance MPS science goals and at least one of the focus areas.

The MPS Directorate welcomes proposals for large and small projects addressing complex problems at the frontiers of AI, that align with current divisional interests. Projects that establish new collaborations between academia and industry, broaden participation, train an AI-aware workforce, or promote interdisciplinary activities are especially encouraged. Proposals that promote collaboration among MPS domain sciences and researchers with AI expertise will be prioritized. Proposals should be submitted using the mechanisms described below.

1. Supplemental funding requests:
  - a. Supplemental funding requests to existing NSF awards;
  - b. GOALI (Grant Opportunities for Academic Liaison with Industry) supplements;
  - c. INTERN (Non-Academic Research Internships for Graduate Students) supplements ( see [NSF 21-013](#)).
2. EAGER (Early-concept Grants for Exploratory Research) proposals; or
3. RAISE (Research Advanced by Interdisciplinary Science and Engineering) proposals.

Consult the [full DCL](#) for more information.

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## **NSF: Geoinformatics**

The Division of Earth Sciences (EAR) will consider proposals for the development of cyberinfrastructure (CI) for the Earth Sciences (Geoinformatics) [[NSF 21-583](#)]. EAR-supported geoinformatics opportunities will fit into three tracks: Catalytic Track, Facility Track, and Sustainability Track. These tracks broadly support the lifecycle of geoinformatics resource development, from pilots (Catalytic) to broad implementation (Facility) to sunsetting and long-term sustainability (Sustainability).

The **GI Catalytic Track** will support pilot geoinformatics development efforts that are intended to serve Earth Science research.

The **GI Facility Track** will support awards for implementation and operation of a

cyberinfrastructure resource relied upon by one or more Earth Science communities to address science questions.

The **GI Sustainability Track** will support development and implementation of sustainable funding models to preserve data and software products of value to Earth Science research.

*Deadline: August 16, 2021*

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## **NSF: Research Experiences for Teachers Sites in Biological Sciences**

Through this program [[NSF 21-584](#)], the National Science Foundation (NSF) Directorate for Biological Sciences (BIO) will support up to 10 awards annually to enable active research by cohorts of middle school teachers, high school teachers and / or community college faculty. Research Experiences for Teachers Sites (RET Sites; RETS) will be based at institutions of higher learning or other non-profit organizations in the U.S. that conduct educational and research activities. RETS with a focus on Biological Sciences (BIORETS) will include research projects in fields that are supported by the Directorate for Biological Sciences. BIORETS may be based in a single discipline or department or may offer interdisciplinary or multi-department research opportunities with a coherent intellectual theme. An important goal of the program is to increase the participation of underrepresented groups in biological research and those from geographically underrepresented areas in science, technology, engineering, and mathematics (STEM). Proposals are strongly encouraged to involve members of these groups both as participants and as mentors. BIORETS awards are expected to leverage the teachers' research experiences for curriculum development, with the goal of enriching their classroom teaching practices and inspiring a broad swath of students to consider higher education and careers in STEM.

*Deadline: August 2, 2021*

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## **Russell Sage Foundation: Social Science Research**

The Russell Sage Foundation (RSF) is accepting letters of inquiry (LOIs) under these core programs and special initiatives:

- [Race, Ethnicity and Immigration;](#)
- [Immigration and Immigrant Integration;](#)
- [Social, Political and Economic Inequality.](#)

In addition, RSF will also accept LOIs relevant to any of its core programs that address at least one of the following issues:

1. [Research on the Covid-19 pandemic and the resulting recession in the U.S.](#) Specifically, research that assesses the social, political, economic, and psychological causes and consequences of the pandemic, especially its effects on marginalized individuals and groups and on trust in government and other institutions. RSF priorities do not include analyses of health outcomes or health behaviors. RSF seldom supports studies focused on outcomes such as educational processes or curricular issues, but does prioritize analyses of inequities in educational attainment or student performance.
2. **Research focused on systemic racial inequality and / or the recent mass protests in the U.S.** Specifically, research that investigates the prevalence of racial disparities in policing and criminal justice and their social, political, economic, and psychological causes and consequences; the effects of the current social protest movement and mass mobilization against systemic discrimination; the nature of public attitudes and public policies regarding policing, criminal justice, and social welfare; and the effects of those attitudes in the current political environment.

LOIs must include specific information about the proposed data and research design. After peer review, about 15% of those who submit an LOI will receive an invitation to submit a proposal. If you are unsure about the foundation's expectations, RSF strongly recommends that you review the [grant writing guidelines](#) on the RSF website and also view an instructional webinar. Successful proposals from this round can have a start date on or after April 1, 2022.

*Letter of Intent deadline: July 28, 2021*



## NSF Webinar: Migrating NSF Proposal Preparation and Submission from FastLane

**May 12, 2021 / 12-1:30pm**

In accordance with [NSF Important Notice 147: Research.gov Implementation Update](#) issued in September 2020, NSF is taking proactive steps to incrementally move the preparation and submission of all proposals from FastLane to Research.gov. In March, [NSF formally announced](#) that FastLane would no longer accept any proposals to either the Innovative Technology Experiences for Students and Teachers (**ITEST**) or the Discovery Research pre-K—12 (**DRK-12**) Programs.

Join us on May 12, as representatives from NSF's Division of Information Systems will present an overview of the Research.gov Proposal Submission System and the latest enhancements, including a demo site to explore the system before working on proposals. The session includes a walk-through of how to create a proposal, upload proposal documents, manage senior personnel, and much more using NSF's user-friendly and intuitive Research.gov system quickly and easily.

**This webinar is highly recommended for anyone submitting a proposal on August 13, 2021.**

[Register to attend >>](#)

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## SHARPhub Webinars for Innovators and Entrepreneurs

The [SHARPhub Program](#) assists life science innovations that have been developed (or are developing) into a startup company with its headquarters and R&D operations in Kansas, Oklahoma, Nebraska, North Dakota, or South Dakota. SHARPhub is hosting a number of upcoming webinars:

**May 12, 2021 / 12-1pm**

**A KUCTC Lunch and Learn series - Meet the Entrepreneur**

Join the University of Kansas (KU) Center for Technology and Commercialization Center (KUCTC) for a conversation with Stephanie Pajas-Farmer, Ph.D., Founder and President of

Ariadne Software. Dr. Pasas-Farmer is a recognized bioanalytical expert in the areas of discovery and regulated bioanalysis for pharmaceutical, biologics, and hybrid technologies, including antibody-drug conjugate technology.

[Register now >>](#)

**June 9, 2021 / 8:30-10am**

**ABC of SBIR / STTR Funding**

Find out whether your research is a candidate for SBIR / STTR federal R&D funding and learn SBIR / STTR program basics, including program purpose, eligibility, and sources of funding. This presentation will provide ample information to help you determine if you should seriously pursue proposal development and tools to help begin the process.

[Register now >>](#)

**June 14, 2021 / 11am-12:30pm**

**Identifying SBIR / STTR funding opportunities and developing the Aims page for your project**

Are you considering applying for Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs? Are you planning to reach out to SBIR / STTR program managers to gauge interest in your project? This is the right training for you.

[Register now >>](#)

**June 21, 2021 / 8:30am-1pm**

**SBIR / STTR Proposal Prep for NIH**

Discover the differences between SBIR and STTR, review how to navigate the NIH's SBIR website to research awarded projects, learn how to prepare an SBIR proposal, and find out how to avoid common pitfalls.

[Register now >>](#)

**June 22, 2021 / 2-3pm**

**Entrepreneur Workshop Series: Licensing and Partnering agreements**

Join the next session in this workshop series, hosted by NIA OSBR and the National Heart, Lung, and Blood Institute Small Business Program. The workshop includes breakout rooms on startup and university license agreements, partnerships and collaboration agreements, and negotiation tips.

[Register now >>](#)

## **NASEM Virtual Workshop: Diversity, Equity, and Inclusion in Chemistry and Chemical Engineering**

**May 25-26, 2021**

A diverse workforce and inclusive workspaces are critical for the advancement of science and the future of the chemical and chemical engineering fields. This virtual workshop will serve as a forum for academic, government, and industrial professionals to discuss the barriers to and best practices for creating more diverse, equitable, and inclusive environments in chemistry and chemical engineering classrooms and workplaces.

To learn more about this workshop, the planning committee, and invited speakers, or to download the agenda, please visit the [event page](#).

## **Grant Writing for Early Career Scientists**

**May 27, 2021 / 12-1pm**

The BES Early Career Network is presenting this webinar for early career scientists. The grant writing and review process can feel daunting and difficult to navigate for young investigators. Learn tips and best practices from experts on how to successfully craft a scientific proposal for federal grants, industry partnerships, and non-profit support. After short presentations from each panelist, there will be a live question and answer session with the audience. This Zoom webinar is free and open to the public. Speakers include:

- **Dr. Brendan Abolins** is currently an External Innovation Manager at Eastman. His role enables him to identify and promote collaborations with groups outside of Eastman to accelerate internal initiatives.
- **Dr. Frances Houle** is a Senior Scientist in the Chemical Sciences and the Molecular Biophysics and Integrated Bioimaging Divisions at Lawrence Berkeley National Laboratory. Additionally, she is the Deputy Director of the Liquid Sunlight Alliance (LiSA) and has served as the Deputy Director for Science and Research Integration of the Joint Center for Artificial Photosynthesis (JCAP).

- **Dr. Michael “Mick” Pechan** is the program manager for the Experimental Condensed Matter Physics program in the Materials Sciences and Engineering Division of the Office of Basic Energy Sciences at the U.S. Department of Energy. Before coming to DOE, Dr. Pechan was a professor for 33 years at Miami University, where he received long standing support from BES.
- **Professor Jenny Yang** is currently an Associate Professor of Chemistry at the University of California, Irvine where her research focuses on inorganic electrocatalysts for the generation and utilization of chemical fuels. She has received funding from the non-profit Alfred P. Sloan Foundation as part of a team targeting the capture and removal of atmospheric carbon dioxide.

[Register to attend >>](#)

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## NSF Virtual Grants Conference Registration Open

The National Science Foundation (NSF) Spring 2021 Virtual Grants Conference will be held the week of **June 7-11, 2021**. Registration is now open, and can be accessed [here](#). Sessions typically reach capacity very quickly, but sessions will be recorded and will be available on-demand shortly after the event and posted on the [website](#) and [YouTube](#) page.

In the meantime, please feel free to check [nsfpolicyoutreach.com](#) for the most up-to-date information and view [recordings](#) of sessions from previous years. You may also view the Fall 2020 Virtual Grants Conference recordings on our [YouTube](#) page.

If you have any logistical questions about this virtual conference, please contact [grants\\_conference@nsf.gov](mailto:grants_conference@nsf.gov).

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## NEH Virtual Grant Workshops

In April and May, the National Endowment for Humanities (NEH) is hosting a series of virtual workshops with NEH program staff to share information about NEH grant

opportunities, deadlines, and application information. Sessions are also recorded and available to view on demand.

Topics include:

- Digital Humanities
- Individual Scholars
- Archives and Libraries
- College and University Grants and Sponsored Research Offices

[Learn more >>](#)

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## **Dakota Cancer Collaborative on Translational Activity (DaCCoTA) Virtual Symposium**

**June 18, 2021 / 8am-5pm**

[Registration](#) is now open for the **2021 DaCCoTA Virtual Symposium**. It is free and open to the public.

The symposium includes:

- **Educational Opportunities (educational credit will be provided)**
  - Use of navigators in cancer care
  - Design, conduct and analysis of clinical trials
  - Navigating collaboration with industry
  - Best practices in community engagement
  - Mentorship: It takes two to tango
  - Demystifying the NIH study section
- **Poster Sessions**
- **DaCCoTA Awardee Presentations**
- **Networking Opportunities**

Register through the following link:

[https://und.qualtrics.com/jfe/form/SV\\_ekW1Jpngue1U4Zf](https://und.qualtrics.com/jfe/form/SV_ekW1Jpngue1U4Zf).

For additional information about the symposium and details regarding poster

presentation requirements, please visit: <https://med.und.edu/daccota/symposium.html>.

The DaCCoTA is supported by the National Institute of General Medical Sciences of the National Institutes of Health under Award Number U54GM128729.

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## **Workshops for Health Professionals**

**June 24, 2021 / 8:30am-12:30pm**

Paul Casella, MFA, is a writer, teacher, editor and producer. Since 1988, Paul has worked with health professionals to improve the clarity and effectiveness of their manuscripts for publication, formal presentations, grant applications, slides, posters, videos, and other media for scientific purposes.

On June 24, 2021, Paul will visit the NDSU campus to conduct a series of workshops for health professionals:

- Writing for Publication
- Writing Effective NIH Grant Proposals
- Speaking for Success: Strategies for Effective Medical and Scientific Presentations

[Learn more and register >>](#)

This workshop is hosted by NDSU, UND, and the DaCCoTA. The workshop is sponsored by Great Plains IDEa-CTR.

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Have questions, ideas, or suggestions for the RCA Update?

[Contact Us](#)

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