

RCA Update - April 27, 2020 Edition

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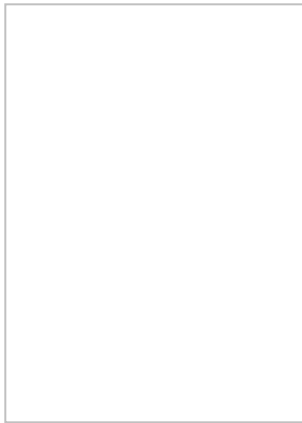
on behalf of

Kain, Amy <amy.kain@NDSU.EDU>

Mon 4/27/2020 3:49 PM

To: NDSU-EMPLOYEE-OFFICIAL@LISTSERV.NODAK.EDU <NDSU-EMPLOYEE-OFFICIAL@LISTSERV.NODAK.EDU>

April 27, 2020



Research colleagues:

Last week marked the 9th anniversary of national Undergraduate Research Week, which celebrates this group's importance in our country's innovation and discovery. Sadly, our celebration--NDSU EXPLORE--couldn't be held due to the pandemic.

I have always considered undergraduate research to be an important part of NDSU's mission and one of which I am very proud. The Research and Creative Activity Office is conducting a survey about undergraduate research that will help us better understand the level of activity at NDSU and how we can help encourage, support, and celebrate it. If you have undergraduate students as part of your research at NDSU, please take a few minutes to give us your information now:

https://ndstate.co1.qualtrics.com/jfe/form/SV_8cslZj10tG4cH1r

Thank you for everything you do for all your students, but especially for how you engage undergraduates in your work. The experiences you provide give them insights and direction that help them become our next generation of researchers.

Kind regards,
Jane Schuh
Vice President
Research and Creative Activity

RCA Faculty Fellow Applications Open

The Research and Creative Activity Faculty Fellows program provides established faculty members the opportunity to enhance their academic leadership skills, bring a faculty voice and expertise to administrative offices, and gain insight into administrative practices and offices. This particular

opportunity is intended to enhance research support with a focus on early career faculty research mentoring.

The program seeks to appoint one Faculty Fellow with a term of up to two years. The Faculty Fellow will report to the Vice President for Research and Creative Activity and will primarily work with the Research Development unit. The Fellow will be expected to spend approximately four hours per week working on program development, attending regular meetings, and implementing the focus area project. In return, the Fellow will receive \$7,500 in compensation for the 2020-2021 appointment. The Fellow must be eligible to receive such compensation in order to be selected. Applicants may be from any discipline at NDSU but must be at the rank of a tenured senior associate or full professor who has been at NDSU for at least five years. Appointments are for the 2020-2021 academic year with the opportunity for a one-year extension.

This person will be filling the role of outgoing Faculty Fellow, Christi McGeorge, human development and family science professor. Christi has served two years in the role and has been instrumental in the development of a number of initiatives, including new faculty programming. The position will join Faculty Fellow Rajesh Kavasseri, electrical and computer engineering professor, who is completing his first term with the RCA team.

To apply, send a CV and a statement of interest providing details about your experiences in research mentoring, particularly with early career faculty, and leadership role experience to ndsu.researchdev@ndsu.edu. Applications must be received by May 15, 2020. A selection is anticipated to be made by June 15, 2020.

COVID-19 Guidance for researchers is available on the [RCA Website](#), including NDSU guidance for PIs, Federal Agency guidance, and Funding Opportunities. As this situation is rapidly changing, please refer to the [NDSU COVID-19 Preparedness and Response page](#) for additional information.

Novelution Electronic Proposal Routing Training Sessions

Sponsored Programs Administration will be conducting 4 training sessions in May related to the Novelution Electronic Research Management System. The software system features electronic proposal routing, non-financial award management and storage of information about proposals, awards, subawards. Faculty and staff are invited to join over Zoom; registration details are provided below. The *initial training sessions* will provide an introduction of the Novelution system and focus on how to sign into the system and search records as well as create and route a proposal for internal approval.

All of the sessions will be the same content.

- Wednesday, May 6, 2020 | 2:00pm-3:00pm - Zoom Online Meeting
- Wednesday, May 13, 2020 | 2:00pm-3:00pm - Zoom Online Meeting
- Wednesday, May 20, 2020 | 2:00pm-3:00pm - Zoom Online Meeting
- Wednesday, May 27, 2020 | 2:00pm-3:00pm - Zoom Online Meeting

The link to join the Zoom meeting will be sent to registrants ahead of the event.

[Register to attend >>](#)

Changes to Required Forms: NIH

The National Institutes of Health (NIH) has released their updated application package, FORMS-F, which must be used for application due dates on or after May 25, 2020. You should continue to use FORMS-E for due dates on or before May 24, 2020. The FORMS-F application guides have been posted on the NIH [How to Apply – Application Guide](#) page. Read through the [significant changes section](#) to familiarize yourself with what's new.

NIH has also posted updated Other Support and Biographical Sketch forms with new expiration dates. They can be accessed from the NIH [forms repository page](#).

For more information:

- NIH Extramural Nexus Blog Post: [Preparing for Updated Application Forms \(FORMS-F\)](#)
- NIH Extramural Nexus Blog Post: [Moving Ahead with FORMS-F Grant Application Form Update](#)
- NIH Notice NOT-OD-20-026: [New NIH “FORMS-F” Grant Application Forms and Instructions](#)
- NIH Notice NOT-OD-20-077: [Reminder: FORMS-F Grant Application Forms & Instructions Must be Used for Due Dates On or After May 25, 2020](#)

Changes to Required Forms: NSF

Beginning June 1, 2020, use of templates approved by the National Science Foundation (NSF) will be required for both the biographical sketch and current and pending support sections of NSF proposals.

NSF-approved templates:

- **SciENCv:** NSF has partnered with the National Institutes of Health (NIH) to use [SciENCv: Science Experts Network Curriculum Vitae](#) as an NSF-approved format for use in preparation of both the Biographical Sketch and Current and Pending Support sections of an NSF proposal. SciENCv will produce an NSF-compliant PDF version of the documents which proposers can save and submit as part of their proposals via FastLane, Research.gov or Grants.gov. Additional information about

the NSF-approved SciENcv formats is available on the NSF [biographical sketch](#) and [current and pending support](#) websites.

The SciENcv tool integrates with [ORCID](#), enabling proposers to populate their Biographical Sketches by importing data directly from their ORCID records rather than having to manually enter all the required information. Additionally, Biographical Sketch data maintained in SciENcv can be quickly and easily updated on an ongoing basis for subsequent proposal submissions.

- **NSF Fillable PDF:** NSF is also providing a fillable PDF as an NSF-approved format for use to prepare both the Biographical Sketch and Current and Pending Support sections of an NSF proposal. Proposers can download the respective fillable PDF form from the NSF [biographical sketch](#) and [current and pending support](#) websites and then submit the completed forms as part of their proposals via FastLane, Research.gov or Grants.gov. Note that the NSF fillable PDF for the Biographical Sketch does not integrate with ORCID.

The templates are available for use now, ahead of the June 1, 2020 deadline.

Transferring Active Awards

When a faculty member or researcher is a PI on a sponsored award and they notify their Department that they are retiring or leaving NDSU for other reasons, appropriate steps need to be taken in terms of award disposition well before their departure. There is a Disposition of Grants [form](#) that needs to be completed. It is important that this form be completed as soon as possible after notification that a PI will be leaving, as the responsibility for continuation, management and/or transfer / relinquishment of the award rests on NDSU as the named recipient. Often awards need to remain at NDSU due to sponsor limitations, or the timing of the PI leaving NDSU. If, for instance, a PI leaves NDSU in the final 12 months of a project, it may be more practical to leave the award at NDSU and issue a subaward to the former PI at their new institution. This eliminates the long delays that are often experienced when NDSU has to relinquish an award and the sponsor has to reissue it to a new institution. It is often less burdensome on a sponsor to simply approve a replacement PI at NDSU and to approve a subaward to the new institution. Also, it is possible to have a different outcome for multiple awards to the same PI. That is, one award may be transferred in its entirety, one may be transferred but have a subaward back to NDSU, one may stay at NDSU under a replacement PI with a subaward to the former PI, and one may simply stay in full under a replacement PI. Please contact SPA at ndsuhresearch@ndsuh.edu with any questions, or to discuss specifics of award disposition.

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For more funding opportunities related to COVID-19, visit the [RCA COVID-19 Funding Opportunities](#) page.

American Lung Association: COVID-19 and Emerging Respiratory Viruses Research Award

The American Lung Association (ALA) is [looking for proposals](#) to advance research against emerging respiratory pathogens like SARS-CoV-2. All research must directly be related to COVID-19 or other viral respiratory threats that may arise in the future. ALA is interested in applications that address the following types of clinical, basic, translational, and population health questions:

- a new understanding of the basic biology of respiratory viruses that could lead to better treatment and prevention;
- development of novel therapeutics and vaccines;
- understanding host factors that alter response to these infections;
- understanding individual, regional, or social factors increasing or decreasing community spread of COVID-19 and other respiratory viruses;
- case tracking and epidemiological approaches to understanding COVID-19 and other respiratory viruses.

Deadline: May 30, 2020

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Caplan Foundation for Early Childhood

The [Caplan Foundation for Early Childhood](#) supports development projects and promising research with potential to significantly enhance the physical and mental health, safety, nutrition, play, social integration, and/or quality of life of children, from infancy through seven years of age.

To that end, the Foundation currently is inviting Letters of Intent in the following categories:

- Early Childhood Welfare;
- Early Childhood Education and Play; and
- Parenting Education.

Letter of Intent Deadline: May 31, 2020

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DoD ONR: Global-X Challenge

The purpose of the [Global-X Challenge](#) is to discover, disrupt, and ultimately provide a catalyst for later development and delivery of revolutionary capabilities to the U.S. Navy and Marine Corps, the commercial marketplace, and the public. The expected outcomes of this Global-X Challenge are promising revolutionary concepts whose technology maturity may be accelerated under separate agile follow-on technology development efforts.

The Office of Naval Research (ONR) Global is interested in promising concepts to achieve revolutionary capability advances with both military and commercial value in the multidisciplinary technology challenge areas described in the solicitation. ONR Global recognizes that international scientists and engineers conduct creative and novel research. This Global-X Challenge provides an opportunity for these international researchers to collaborate, generate revolutionary ideas and demonstrate these ideas will succeed. ONR Global invites outstanding international researchers to form multi-national, multidisciplinary teams to address one or more of these capability challenges.

White paper deadline: May 25, 2020

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Facebook: Economic Impact of Digital Technologies

Facebook is issuing a [call for academic research proposals for research](#) that addresses the economic impact of digital technologies, including new tools that enable commercial opportunities. Facebook is especially interested in supporting projects that address the economic consequences and implications of developing digital technologies for small businesses. Topics of interest for this request for proposals (RFP) include, but are not limited to, measuring new types of economic impact — for example, assessing the implications of digital technologies for growth, resilience under challenging circumstances, inclusion of marginalized groups, efficiency of payment systems, or other business outcomes.

Scholars may consider focusing their research on the following topics, though creative approaches beyond these areas are also encouraged:

- Agile business strategies enabled by data-driven advertising and other digital technologies
- The impact of digital advertising on online platforms
- Understanding the relationship between, and influence of, data-driven advertising on new market entrants and novel product categories
- The value of data-driven advertising with regard to consumers

Facebook is interested in supporting broader research efforts on the topic of the economic impact of digital technologies. Proposed research may extend beyond Facebook apps and technologies. Researchers may request between \$50K to \$100K to support projects that will be completed in approximately one year from award receipt.

Researchers globally are encouraged to propose projects of an empirical and theoretical nature. Those proposing theoretical research should, however, also consider how measurements might be empirically estimated. Successful proposals will demonstrate innovative and compelling research that has the potential to advance science and understanding in the topic areas and provide value to policymakers, practitioners, and organizations working in these areas.

Brief Proposals (1-2 page project summary) are due May 20, 2020

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Facebook: Explorations of Trust in AR, VR, and Smart Devices

Facebook is soliciting proposals to help accelerate research in Augmented Reality (AR), Virtual Reality (VR), and Smart Devices with the hope of helping to foster a world of trustworthy mixed-reality and smart device products. We are interested in a broad range of topics relating to applications like AR glasses, VR headsets, other AR or VR form-factors, smart home products, and more.

Applicants should submit a proposal detailing what contribution their research is expected to make, how the research domain will benefit from the work, a project timeline, and a budget overview of how the proposed funding will be used. Proposals are highly encouraged to focus funding of project personnel, especially PhD students. Proposals from small collaborative teams, particularly with PIs bridging necessary technical areas, are also encouraged.

A total of up to four awards are available, up to \$75,000 each, depending on the specific requirements. Payment will be made to the proposer's host university as an unrestricted gift. For full details and to apply, visit the [Explorations of Trust in AR, VR, and Smart Devices RFP Page](#).

Deadline: June 12, 2020

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Mallinckrodt Foundation: Biomedical Grants for Early Stage Investigators – Limited Submission Program

[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.

Mallinckrodt Grants : [Notify RCA](#) by 5/15/2020, 5:00 p.m. if you are interested in submitting to this program.

The [Edward Mallinckrodt, Jr. Foundation](#) is a private foundation that funds basic biomedical research. The mission of the Foundation is to support early stage investigators engaged in biomedical research that has the potential to significantly advance the understanding, diagnosis, or treatment of disease. Any domestic biomedical institution, whether solely research or educational, is invited to [submit one candidate for the Mallinckrodt Board's consideration](#). Applicants should be in the first to fourth year of their tenure track faculty position and not have current R01 funding. Grants are usually \$60,000 and funding commences on October 1. No indirect costs are allowed. Salary is acceptable.

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NIH: Long-Term Effects of Disasters on Health Care Systems Serving Health Disparity Populations (R01 – Clinical Trial Optional)

The purpose of this Funding Opportunity Announcement (FOA) ([PA-20-172](#)) is to support investigative and collaborative research focused on understanding the long-term effects of natural and/or human-made disasters on health care systems serving health disparity populations in communities in the U.S., including the U.S. territories.

[Standard dates](#) apply.

The first standard due date for this FOA is October 5, 2020.

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NSF: Partnerships for Innovation – Limited Submission Program

[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.

NSF PFI : [Notify RCA](#) by 5/15/2020, 5:00 p.m. if you are interested in submitting to this program.

The Partnerships for Innovation (PFI) Program ([NSF 19-506](#)) within the Division of Industrial Innovation and Partnerships (IIP) offers researchers from all disciplines of science and engineering funded by NSF the opportunity to perform translational research and technology development, catalyze partnerships and accelerate the transition of discoveries from the laboratory to the marketplace for societal benefit.

PFI has five broad goals:

1. identifying and supporting NSF-sponsored research and technologies that have the potential for accelerated commercialization;
2. supporting prior or current NSF-sponsored investigators, institutions of higher education, and non-profit organizations that partner with an institution of higher education in undertaking proof-of-concept work, including the development of technology prototypes that are derived from NSF-sponsored research and have potential market value;
3. promoting sustainable partnerships between NSF-funded institutions, industry, and other organizations within academia and the private sector with the purpose of accelerating the transfer of technology;
4. developing multi-disciplinary innovation ecosystems which involve and are responsive to the specific needs of academia and industry;
5. providing professional development, mentoring, and advice in entrepreneurship, project management, and technology and business development to innovators.

This solicitation offers two broad tracks for proposals in pursuit of the aforementioned goals:

- The **Technology Translation (PFI-TT) track** offers the opportunity to translate prior NSF-funded research results in any field of science or engineering into technological innovations with promising commercial potential and societal impact. PFI-TT supports commercial potential demonstration projects for academic research outputs in any NSF-funded science and engineering discipline. This demonstration is achieved through proof-of-concept, prototyping, technology development and/or scale-up work. Concurrently, students and postdoctoral researchers who participate in PFI-TT projects receive education and leadership training in innovation and entrepreneurship. Successful PFI-TT projects generate technology-driven commercialization outcomes that address societal needs.
- The **Research Partnerships (PFI-RP) track** seeks to achieve the same goals as the PFI-TT track by supporting instead complex, multi-faceted technology development projects that are typically beyond the scope of a single researcher or institution and require a multi-organizational, interdisciplinary, synergistic collaboration. A PFI-RP project requires the creation of partnerships between academic researchers and third-party organizations such as industry, non-academic research organizations, federal laboratories, public or non-profit technology transfer organizations or other universities. Such partnerships are needed to conduct applied research on a stand-alone larger project toward commercialization and societal impact. In the absence of such synergistic partnership, the project's likelihood for success would be minimal.

The intended outcomes of both PFI-TT and PFI-RP tracks are: a) the commercialization of new intellectual property derived from NSF-funded research outputs; b) the creation of new or broader collaborations with industry (including increased corporate sponsored research); c) the licensing of NSF-funded research outputs to third party corporations or to start-up companies funded by a PFI team; and d) the training of future innovation and entrepreneurship leaders.



Patient-Centered Outcomes Research Institute:

COVID-19

The Patient-Centered Outcomes Research Institute (PCORI) has announced two funding opportunities related to the COVID-19 Pandemic.

- [Supporting Engagement in and Dissemination of PCOR/CER in the Context of COVID-19](#): This Eugene Washington PCORI Engagement Award Special Cycle Funding Announcement—Supporting Engagement in and Dissemination of PCOR/CER in the Context of COVID-19—aims to support projects that help communities increase their capacity to participate across all phases of the patient-centered outcomes research/comparative clinical effectiveness research (PCOR/CER) process while responding to contextual changes as a result of the COVID-19 pandemic.

Deadline: May 22, 2020; 4pm

- [COVID-19 Targeted Funding Announcement](#): In order to respond to the COVID-19 pandemic, PCORI will issue a new research funding announcement on May 5, 2020, with an accelerated timeline to support innovative, high-impact studies that fit clearly within the Institute's core mission of patient-engaged and patient-centered comparative clinical effectiveness research. The objectives of this announcement are to (1) strengthen the understanding of different approaches to mitigate the impact of COVID-19 on individuals, communities, healthcare providers, and healthcare systems; and (2) provide evidence to inform clinical and public health responses, decision making, and planning. PCORI will encourage the use of diverse methods, including interventional studies and the use of natural experiments, to conduct research on an accelerated timeline. This funding announcement has three targeted priority areas: (1) Adaptations to healthcare delivery; (2) Impact of COVID-19 on vulnerable populations; and (3) Impact of COVID-19 on healthcare workforce well-being, management, and training.

Deadline: May 26, 2020

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RRF Foundation for Aging

[RRF Foundation for Aging](#) (formerly the Retirement Research Foundation) is accepting proposal applications for its next grant cycle.

Over the last forty-two years, RRF has awarded nearly five thousand grants worth almost \$250 million — all dedicated to improving the quality of life of older people. RRF recently completed a strategic planning process that sharpened this commitment and focused its grantmaking on four priority areas: caregiving; economic security in later life; housing; and social and intergenerational connectedness.

While the new priority areas reflect RRF's primary funding interests, the Foundation remains open to considering compelling applications on other topics.

[Advocacy, training, and research projects](#), all with national relevance, are considered from organizations in any state. Proposals for direct service projects or organizational capacity-building requests are only accepted from organizations

located in a limited list of states.

Letter of Intent Deadline: June 15, 2020

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Spencer Foundation: Research Grants on Education - COVID-19 Special Grant Cycle

The [COVID-19 Related Research Grants](#) support education research projects that will contribute to understanding the rapid shifts in education in this time of crisis and change. The Foundation is especially interested in supporting two primary categories of projects.

- Studies that aim to understand and disrupt the reproduction and deepening of educational inequality caused by the COVID-19 crisis.
- Research projects that are working to reimagine educational opportunities in these times.

Deadlines: May 4, May 18, June 8

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USDA-NIFA: Renewable Resources Extension Act

USDA National Institute of Food and Agriculture (NIFA) has announced a [funding opportunity](#) for the Renewable Resources Extension Act and National Focus Fund Projects. The purpose of the grant program is to provide funds for pilot projects that:

1. address emerging forest and rangeland resource issues,
2. have national or regional relevancy, or
3. develop new and innovative projects that can be replicated at other institutions.

Project Directors must have an extension appointment.

Deadline: June 17, 2020

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April Issue: Research Development and Grant Writing News

The April issue of [Research Development and Grant Writing News](#) is now available to view. Use your NDSU login information to access this resource. Various topics are covered, including:

- Finding the Best Fit between a Funder and a Humanities/Social Science Project
- Humanities and Arts Funding Opportunities and News
- ERC Engineering Workforce Development and K-12 Engineering Education
- New Coronavirus-related Funding Opportunities

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

[Contact Us](#)



The Office of Research and Creative Activity (RCA) sends weekly emails to NDSU faculty and staff to provide current information on various topics including funding opportunities, grant program changes, research resources, deadlines, notices, and training.

You are receiving this notification through the NDSU official employee listserv or sub-list. The official listserv refreshes after each pay period.

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