

## RCA UPDATE

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October 15, 2018

### **F&A Waiver for Non-Profit and Foundation Sponsored Activity**



I'm happy to announce a pilot program that will change the application of facilities and administrative (F&A) costs that are currently assessed to certain sponsored projects. While NDSU policy requires the inclusion of these indirect costs in all externally-sponsored projects, effective immediately RCA will be piloting a new approach in which F&A will not be required on new proposals to non-profit organizations or foundations for grants at or below \$10,000.

Serving NDSU's Land Grant mission can come in many forms. Our office will be piloting this new approach with the hope of stimulating broader participation in non-profit and foundation-supported research and creative activity. While the dollar amount of these grants may not be huge, the impact that they have on our community is. This work counts!

This change is effective immediately for all new projects that fit the scope above. While this waiver covers funding received directly from the non-profit or foundation, it may not be available for flow-through projects. This is not a retroactive policy so

currently pending proposals will not be modified to eliminate F&A from their budgets. Contact the SPA team directly with questions. For more information, visit the [budget development](#) page, read the [FAQs](#), or view this [list of eligible sponsors](#).

As this incentive is an experiment to increase community engagement, I would appreciate your feedback about how it impacts your externally sponsored activities. In addition, if you have specific questions about how this waiver will affect your future projects, please contact Val Kettner ([val.kettner@ndsu.edu](mailto:val.kettner@ndsu.edu)).

**Jane Schuh, Ph.D.**

**Vice President**

**Research and Creative Activity**

## Meet NDSU's New Assistant Professors

Throughout the year, RCA will feature new assistant professors. Full profiles are available on the [RCA website](#).

### **Giancarlo Lopez-Martinez, Ph.D.**

**Biological Sciences**

**What are your primary research and scholarly interests?**

I am a comparative stress physiologist interested in the short and long-term effects of environmental stress on animal performance, longevity, and immunity.

**Where are you from and where did you pursue your education?**



I am from San Juan, Puerto Rico and earned my Ph.D. from The Ohio State University.

**What excites you about NDSU?**

The renowned scientists working on interesting questions. There is impressive expertise at NDSU, like in my home department, that ensures a high level of synergy.

**What motivates you?**

Understanding the natural world and scientific progress.

[Read more about Giancarlo >>](#)

## Alexey Leontyev, Ph.D.

**Chemistry**

**What are your primary research and scholarly interests?**

Chemistry education research. I focus on assessment of organic chemistry knowledge, meta-analysis of instructional interventions for chemistry learning, and green chemistry curriculum development.



**Where are you from and where did you pursue your education?**

I am originally from Russia. I got my Ph.D. in chemistry education from the University of Northern Colorado and my M.S. in organic chemistry from Bowling Green State University.

**What excites you about NDSU?**

The fact that it is a student-focused, research university. That helps me to select examples that represent research themes of the college for my organic chemistry class.

### What motivates you?

Learning and discovering new things.

[Read more about Alexey >>](#)



### USDA Performs Routine Annual Inspection

Two USDA veterinarian medical officers conducted a routine inspection of NDSU animal care units on October 10 and 11 and no citations were received by the university. Typically occurring annually, the routine unannounced visits are a common practice of the USDA in their oversight of research facilities.

NDSU attending veterinarian Neil Dyer noted that the inspectors were very complimentary of the work of NDSU employees. "The inspectors highlighted the professionalism and knowledge in their interactions with everyone from the staff responsible for animal care to the research administrators. It's a confirmation of the strong animal culture at NDSU and how we are always looking for ways we can better refine and improve our methods and care" commented Dyer.

All past USDA reports about NDSU are available [here](#).

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## DOI National Park Service: Japanese American Confinement Sites – 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.

**Japanese American Confinement Sites: Notify RCA by 10/29/2018, 5:00 p.m. if you intend to apply.**

The U.S. Department of the Interior (DOI), National Park Service, Japanese American Confinement Sites Grant Program provides financial assistance to organizations and entities working to preserve historic Japanese American confinement sites and their history, including: private nonprofit organizations; educational institutions; state, local, and tribal governments; and other public entities, for the preservation and interpretation of U.S. confinement sites where Japanese Americans were detained during World War II. The grant program supports projects to identify, research, evaluate, interpret, protect, restore, repair, and acquire historic confinement sites in order that present and future generations may learn and gain inspiration from these sites and that these sites will demonstrate the Nations commitment to equal justice under the law. Projects funded through the Japanese American Confinement Sites Grant Program must benefit one or more historic Japanese American confinement sites. The term historic confinement sites is defined as the ten War Relocation Authority sites (Gila River, Granada, Heart Mountain, Jerome, Manzanar, Minidoka, Poston, Rohwer, Topaz, and Tule Lake), as well as other historically significant locations, as determined by the Secretary of the Interior, where Japanese Americans were detained during World War II. **Regionally, these**

sites include **Fort Lincoln in North Dakota**. All eligible sites are listed in the [solicitation](#). Each institution may submit up to three applications annually. **This program requires a 2:1 Federal to non-Federal match; that is, to receive two dollars of Federal funds, at least one dollar of non-Federal match is required.**

*Applications due: December 3, 2018*

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## **Henry Frank Guggenheim Foundation: Violence and Aggression Research**

The [Henry Frank Guggenheim Foundation](#) funds research awards in the range of \$15,000 to \$40,000 a year for one to two years. The Foundation welcomes proposals from any of the natural and social sciences and the humanities that promise to increase understanding of the causes, manifestations, and control of violence and aggression. Highest priority is given to research that can increase understanding and amelioration of urgent problems of violence and aggression in the modern world. Questions that interest the Foundation concern violence and aggression in relation to social change, intergroup conflict, war, terrorism, crime, and family relationships, among other subjects. Priority will be given to areas and methodologies not receiving adequate attention and support from other funding sources.

Application deadline: August 1, 2019



## NEH: Collaborative Research Grants

The National Endowment for the Humanities (NEH) [Collaborative Research grant program](#) encourages collaboration that proposes diverse approaches to topics, incorporates multiple points of view, and explores new avenues of inquiry that lead to publications and other resources for humanities scholars, general audiences, or both. The program seeks to encourage projects in a single field of study, as well as interdisciplinary work, both within the humanities and beyond. Projects that include partnerships with researchers from the natural and social sciences are encouraged, but they must remain firmly rooted in the humanities and must employ humanistic methods. Partnerships among different sorts of institutions are welcome: for example, research universities might partner with teaching colleges, libraries, museums, or independent research institutions.

Eligible projects must propose tangible and sustainable outcomes such as co-authored or multi-authored books; born-digital publications; themed issues of peer-reviewed journals; and open-access digital resources. NEH is rarely able to cover the full cost of a project; for that reason, **funding from other sources and cost sharing are expected but not required.**

Collaborative Research offers three types of awards to address different sorts of projects and stages of development:

1. **Convening Grants:** Up to \$50,000  
Convening grants last one year; typically fund conferences and working group meetings to sharpen the chosen research topic and discuss and plan subsequent publication.
2. **Publication Grants:** Up to \$250,000  
Publication grants last 1-3 years and support the project toward completion of its publication goals, whether in traditional print or in digital form.

3. **Archaeology Grants:** Up to \$250,000

Archaeology grants last one to three years and support projects that lead to publication. Excavation is not required.

*Applications due: December 5, 2018*

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**NIH: Predoctoral Training in Advanced Data Analytics for Behavioral and Social Sciences Research (BSSR) (T32)**

This *new* program announcement solicits applications for new Behavioral and Social Sciences Research (BSSR) predoctoral training programs that focus on innovative computational and/or data science analytic approaches and their incorporation into training for the future BSSR health research workforce. The vision of the [Advanced Data Analytics for BSSR training program](#) is to support the development of a cohort of specialized predoctoral candidates who will possess advanced competencies in data science analytics to apply to an increasingly complex landscape of behavioral and social health-related big data.

*Applications due: May 25, 2019*

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## NSF: Accelerating Research Through International Network-to-Network Collaborations

The goals of the [Accelerating Research through International Network-to-Network Collaborations \(AccelNet\)](#) program are to accelerate the process of scientific discovery and prepare the next generation of U.S. researchers for multiteam international collaborations. The AccelNet program supports strategic linkages among U.S. research networks and complementary networks abroad that will leverage research and educational resources to tackle grand scientific challenges that require significant coordinated international efforts. The *new* program seeks to foster high-impact science and engineering by providing opportunities to create new collaborations and new combinations of resources and ideas among linked global networks. This solicitation invites proposals for the creation of international networks of networks in research areas aligned either with one of the NSF Big Ideas or a community-identified scientific challenge with international dimensions. AccelNet awards are meant to support the connections among research networks, rather than supporting fundamental research as the primary activity. Each network of networks is expected to engage in innovative collaborative activities that promote synergy of efforts across the networks and provide professional development for students, postdoctoral scholars, and early-career researchers. There are two proposal categories covered by this solicitation:

1. **Catalytic:** Up to 3 years, total budget up to \$750,000  
Networks of networks at the catalytic level may either be nascent in nature or be more established but have a limited-term goal.
2. **Full-Scale Implementation:** Up to 5 years, total budget up to \$2 million  
Implementation networks of networks are envisioned as consisting of a core of networks in the U.S. and abroad that are operational, have established an understanding of the status of the research and researchers across their fields, and are well-positioned to engage each other to advance research.

*Letter of Intent due: December 21, 2018; Full Proposals due: February 28, 2019*

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## **Aldevron Breakthrough Symposium**

Aldevron is hosting the first-ever [Breakthrough Symposium](#) November 6-7, 2018, at the Hilton Garden Inn. This event is bringing together individuals and organizations that lead the biotechnology community and provides an opportunity for participants to network with these thought leaders.

**Aldevron is offering complimentary [registration](#) for NDSU participants. The code is AldevNDSU.**

A full list of speakers and the schedule can be found [here](#). Below are some of the session topics:

- **Learn about the novel developments in gene therapy to treat cancer** from Laurence Cooper, CEO of Ziopharm Oncology and David Courtman, CSO of Northern Therapeutics.
- **Discover the potential for gene editing and CRISPR/Cas9** from Matthew Porteus, Associate Professor, Department of Pediatrics, the Institute of Stem Cell Biology and Regenerative Medicine at Stanford University and Kris Saha, Department of Biomedical Engineering, University of Wisconsin-Madison
- **Collaborate on the latest gene therapy manufacturing developments** with Andrew Moreo, Operations Manager, GMP and Viral Vector Core Facilities, Nationwide Children's Hospital and Anne

Kantardjieff, Director of Plasmids and Small Molecules Manufacturing,  
bluebird bio

- **Hear about the progress in AAV gene therapy** from Luk H. Vandenberghe, Assistant Professor at Harvard Medical School and Mark Osborn, Assistant Professor, University of Minnesota
- **Be inspired by the story of Emily Whitehead** presented by Tom Whitehead, Emily's father and the co-founder of the Emily Whitehead Foundation.

Tours of Aldevron's new facility will also be offered.

Please contact the NDSU Research Development office  
([ndsu.researchdev@ndsu.edu](mailto:ndsu.researchdev@ndsu.edu)) if you have any questions.



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

[Contact Us](#)





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*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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