

## RCA UPDATE

---

February 19, 2019

### **Molly Secor-Turner**

**February 2019 RCA Researcher of the Month**

Molly Secor-Turner, PhD, MS, RN is an associate professor in the NDSU School of Nursing and Master of Public Health (MPH) Program in the Community Health Sciences track. Both a teacher and researcher, Molly earned her Ph.D. in nursing from the University of Minnesota in 2008, serves as the NDSU Faculty Senate President-Elect, and is an adjunct faculty at the Center for Health Outcomes and Prevention Research at Sanford Research.



A self-proclaimed advocate of social justice, Molly's work spans more than a decade. She has strived to bring attention to how societal contexts impact the methods and manners in which society talks to adolescents about sexuality. Reflecting on her work and worldview, Molly simply says, "I believe everyone is innately good." She also strongly believes in the value of the shared humanity among people regardless of their geography, gender, age, or other delimiters.

Molly notes that this awareness causes her to continually examine teaching and research methods. "For example, as recently as only a decade ago, youth sexual health education messages didn't consider a LGBTQ perspective. Often the messages were focused on abstinence until marriage and marriage wasn't even an option for this population. All it did was turn them off to the rest of our information. It was important to restructure our approach based on where the youth were coming from and to be more inclusive to all individuals."

Molly has spent her career ensuring science benefits everyone. When working on her dissertation at the University of Minnesota, she studied how low income teenage youth deal with pregnancies. At the same time, she was starting her own family and she found that despite the differences between

her and the teens, both were driven for the same outcomes. “Despite age or financial standing, everyone wants to succeed as a parent. Nobody wants to be a bad parent. I saw so much similarity among these young mothers and in myself and that experience really had an impact on me.”

Soon after, Molly found an opportunity in Kenya to make an impact in the lives of another set of young women. “In that part of the world there has historically been a lack of information and materials about menstruation. Girls experiencing their periods would often not be able to attend school. As education is a predictor for good health outcomes, missing time in school began a downward spiral for these women that would negatively impact them the rest of their lives. So we broke the cycle by providing them what they needed to remain in school.” Molly started For the Good in 2015 and currently serves as Program Director for the organization. Originally, they prepared and shipped washable, reusable menstrual materials to adolescent girls in rural Kenya. But in 2017, the organization shifted to a local focus with employees in country. Molly is happy to see this change as it shows how her organization has made an impact in the mindset of an entire community.

Molly is a believer in the power of groups as evidenced by her considerable involvement with community organizations including the North Dakota Center for Nursing, Midwest Nursing Research Society, the Society for Adolescent Health and Medicine, the Sanford Women’s Comprehensive Health Clinic Community Advisory Board, and the Planned Parenthood North Dakota Advisory Committee. She notes how her work has flourished through collaborative partnerships, including with a public health nurse in Kenya, NDSU’s Brandy Randall, and other faculty members at the University of Colorado and the University of California, Davis. She sums it by saying, “I prefer to collaborate. Everyone adds a unique perspective.”

Including both undergraduate and graduate students in research also provides Molly with additional important perspectives. “Nursing research is unique as it’s typically a practice discipline. I like to show my students how to practice curriculum from beginning to end by both working and researching.

I've had many good mentors in my career, especially in my early years, and they've helped me to see that collaboration truly multiplies effectiveness. I also strive to convey to students that it's okay to fail. Don't be afraid to try something new and fail at it. This is how we get better at article submissions, proposals, research projects, or anything you attempt."

For her many contributions to health education and research, Molly Secor-Turner is our February Researcher of the Month.

[View the RCA Researcher of the Month Archive >>](#)



The **NDSU College of Arts, Humanities, and Social Sciences (AHSS)** held their first **Faculty Research Conversations** event on February 12, 2019. Sixteen faculty members took this opportunity to share their research activities and recent publications with colleagues, students, and members of the campus community. Topics covered included studies about police response times, pregnancy assessment monitoring systems, Internet censorship in democracies, communication techniques with animals, children's technology use, our perceptions of the automated bots, and more.

AHSS Associate Dean Christina Weber Knopp, who organized the event, said, “Given the success of the event, the College group plans to hold another Faculty Research Conversation session.”



[ASSIST](#) is a web-based system used to prepare and submit applications to the National Institutes of Health (NIH) and other Public Health Service agencies.

A useful feature within the system is the “Copy Application” function which allows a user to copy data from an existing application to a new application.

Follow the steps below to copy an application in ASSIST:

- Open application you want to copy from
- Click the “Copy Application” button on the left hand menu
- Enter the funding opportunity notice for the new application

Please contact [nds.research@nds.edu](mailto:nds.research@nds.edu) with any questions.

## EXPORT CONTROLS FAQs

**Q: What is the definition of a Foreign National?**

**A:** A "Foreign National" is any person who is **NOT** a:

- U.S. Citizen or National
- U.S. Lawful Permanent Resident
- Person Granted Asylum
- Person Granted Refugee Status
- Temporary Resident

Foreign Nationals include:

- Persons in the U.S. in non-immigrant status (for example, H-1B, H-3, L-1, J-1, F-1 Practical Training, L-1)
- Persons unlawfully in the U.S.



### MARCH 1: Pivot is Moving to a New URL

On March 1, 2019, Pivot is moving to <https://pivot.proquest.com> and the current Pivot URL, <https://pivot.cos.com>, will be discontinued. Traffic to cos.com **will not** automatically redirect to the new URL, including any links you have saved. You will

need to make needed changes before the deadline.

**YOU CAN START USING THE NEW URL TODAY!** Pivot is fully operational now using the new URL <https://pivot.proquest.com>.

Be sure to...

- **Change the cos.com portion of any Pivot URL you have saved to proquest.com.** No need to recreate searches or lists if you have saved searches, curated lists, or pivot search widgets on any webpages.

**Update links on your internal websites, and alert other faculty and researchers** of the new URL before the current URL discontinues in March.

---

# CONTENTS

## FUNDING OPPORTUNITIES

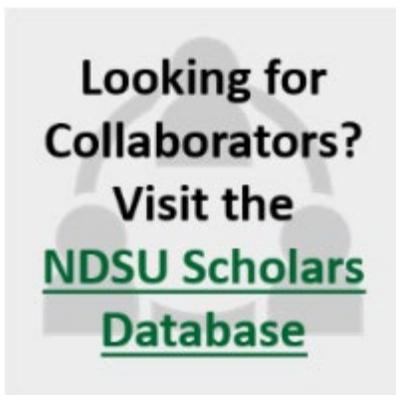
- [Humanities North Dakota](#)
- [Medica Foundation: Behavioral, Early Childhood, and Rural Health](#)
- [NEA: Art Works](#)
- [NSF: EHR Core: Production Engineering Education and Research](#)
- [NSF DCL: Research Collaboration Networks for Science with NEON](#)
- [Sanford Health - NDSU Collaborative Research Seed Grant](#)
- [USDA-NIFA: Farm Business Management & Benchmarking](#)

## NEWS & NOTICES

- [February Issue of Research Development & Grant Writing News](#)
- [NDSU EXPLORE Registration Open](#)

## EVENTS

- [Unmanned Aircraft User Group Meetings](#)
- [Three Minute Thesis Competition](#)



Need to update your profile?  
Click here to learn how!

## Humanities North Dakota

Humanities North Dakota (HND) grants are funded in amounts ranging from \$1,501 to \$10,000 and support program costs of humanities projects that bring historical, cultural or ethical perspectives to bear on topics and issues of interest to our communities. These may take many different forms, but they have the following characteristics in common:

- They engage participants in thinking critically about fundamental questions of value, purpose, and meaning;
- They promote better understanding of ourselves and others, past and present;
- They are conducted in a spirit of open and informed inquiry, providing multiple viewpoints, where applicable; and
- They involve partnerships between community organizations, cultural institutions, and scholars in the humanities.

Grants which further HND's special initiatives will be given funding priority.

### **2019 Special Initiative: What Happened to the American Dream?**

*Three annual application deadlines are available:*

*Intent to Apply Form must be submitted by May 1, 2019, if applying for the June 1, 2019, proposal deadline.*

*Intent to Apply Form must be submitted by September 1, 2019, if applying for the October 1, 2019, proposal deadline.*

*Intent to Apply Form must be submitted by February 1, 2020, if applying for the March 1, 2020, proposal deadline.*

## Medica Foundation: Behavioral Health, Early Childhood Health, Rural Health

[Medica Foundation](#) provides grants in the region of North Dakota, Wisconsin, Minnesota, and South Dakota. In addition to the grant programs below, Medica Foundation also gives grants for Rural Health and Strategic Initiatives. See the [funding opportunity brochure](#) for more information.

For the Behavioral Health and Early Childhood Health programs, a two-step application process takes place. The review committee reviews the initial applications to determine which proposals move forward to the full proposal state.

The **Behavioral Health** initiative seeks proposals for programs that help people with serious mental illness and addictions recover and lead productive lives in their communities. The Foundation funds programs focused on a continuum of care and provide intensive, person-centered, multidisciplinary services using evidence-based screening, assessment, diagnostic, treatment and/or prevention services. The focus of this funding area is to:

- address gaps in current behavioral health service;
- integrate physical and mental health care;
- provide supportive and intensive case management services;
- address behavioral health needs identified by the Minnesota 10x10 Assertive Community Treatment (ACT) initiative.

*Application submission window: February 1 - April 5, 2019*

The **Early Childhood Health** initiative seeks proposals that focus on developing healthy families to foster optimal growth and development of young children. Programming that meets criteria for this RFP includes:

- improves access to prenatal and postnatal care;
- addresses preventive health including well child check-ups;

- addresses preventive and restorative dental care;
- enhances parenting skills;
- supports healthy social and emotional development;
- address the health needs of children experiencing homelessness;
- focus on children ages birth through age 12.

*Application submission window: February 1 - May 10, 2019*



## **NEA: Art Works - 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.

**NEA Art Works : Notify RCA by 4/1/2019, 5:00 p.m. if you intend to apply.**

Art Works is the principal grants program of the National Endowment for the Arts (NEA). Through project-based funding, it supports public engagement with, and access to, various forms of excellent art across the nation, the creation of art that meets the highest standards of excellence, learning in the arts at all stages of life, and the integration of the arts into the fabric of community life. Projects may be large or small, existing or new, and may take place in any part of the nation's 50 states, the District of Columbia, and U.S. territories. Support is provided for projects featuring Native American, Alaskan Native, and Native Hawaiian arts across all NEA disciplines. An organization may submit only one application under the FY 2019 Art Works guidelines. Grants generally will range from \$10,000 to \$100,000, and grants cannot exceed 50% of the total cost of the project. All grants require a nonfederal match of at least 1 to 1.

*Application Deadline: July 11, 2019*

## **NSF: EHR Core Research: Production Engineering Education and Research (PEER)**

The National Science Foundation (NSF) and The Boeing Company are supporting a new initiative, managed and administered by NSF through its EHR Core Research (ECR) program, to accelerate training in critical skill areas for the Nation's engineering and advanced manufacturing workforce. The EHR Core Research: Production Engineering Education and Research (ECR: PEER / [NSF 19-557](#)) initiative supports foundational research arising from the design, development, and deployment of creative online curricula that provide learners at various levels with skills in five focal areas:

1. model-based systems engineering,
2. software engineering,
3. mechatronics,
4. data science, and
5. artificial intelligence.

ECR: PEER invites proposals to design, develop, deploy, and study the effectiveness of online courses in any one of these focal areas using the theories and tools of the learning sciences. Proposals for these ECR: PEER Course, Curriculum, and Evaluation projects may request a maximum of \$2,000,000 support for a duration of up to three years.

*Proposal deadline: May 15, 2019*

## **NSF DCL: Research Coordination Networks for Science with NEON**

With this Dear Colleague Letter (DCL), [NSF 19-031](#), the National Science Foundation's (NSF) Division of Biological Infrastructure (DBI) and Division of Environmental Biology (DEB) within the Directorate for Biological Sciences (BIO) announce an intent to support Research Coordination Networks (RCNs, [NSF 17-594](#)) to coordinate new and existing groups of scientists conducting research enabled by the [National Ecological Observatory Network \(NEON\)](#). Now entering its first year of full operations, NEON is a continental-scale network of standardized field instruments, sensors, and manual biological sampling that will enable reproducible research over the next 30 years. Solutions for the most persistent challenges facing the ecological sciences today are hindered by our limited understanding of the complex interactions between living and non-living systems operating over large spatial and temporal scales. Because many environmental controls, responses, and feedbacks operate over regional to continental scales, they cannot be investigated mechanistically by disconnected studies of individual ecosystems over short periods of observation. Understanding ecological processes at continental scale has been impeded by a lack of distributed ecological research infrastructure that would enable the research needed to address complex issues at the necessary spatiotemporal scales. NEON is a major facility for studying the biosphere synoptically at regional to continental scales and for supporting ecological forecasts in North America with openly accessible methods and high precision data products. North Dakota is home to one of the 20 NEON domain data-gathering sites. These RCN awards will provide collaborative opportunities for NEON-enabled science communities to communicate their research and to synthesize investigations of key ecological problems, ideas, and practices. Successful RCNs will conduct inclusive conferences, in-person and/or virtual meetings, and other structured activities to establish new collaborations and enhance cooperation among NEON-enabled science research communities.

*Research Coordination Networks (RCN) Proposals Accepted Anytime*

## **Sanford Health - NDSU Collaborative Research Seed Grant Program**

The fifth Sanford Health - NDSU Collaborative Research Seed Grant program's Request for Applications (RFA) has been released. Proposals are to be submitted electronically to [NDSU.BusinessDev@ndsu.edu](mailto:NDSU.BusinessDev@ndsu.edu) by 5:00 PM on March 19, 2019. The full RFA and Application form can be downloaded from the [program's webpage](#).

Questions regarding suitability of topic areas, collaborating with Sanford, or other program-related questions can be addressed by Business Development (231-6660 or [NDSU.businessdev@ndsu.edu](mailto:NDSU.businessdev@ndsu.edu)).

## **USDA-NIFA: Farm Business Management and Benchmarking**

The USDA Farm Business Management and Benchmarking ([FBMB](#)) Competitive Grants Program provides funds for improving the farm management knowledge and skills of agricultural producers by maintaining and expanding a national, publicly available farm financial management database to support improved farm management. Farm management producers must be educated and prepared to work effectively across disciplines in order to work to solve agricultural and educational challenges. The FBMB program engages producers in improving the United States farm management knowledge and skills by encompassing the USDA/NIFA's food, agriculture, natural resources, and human sciences. FBMB

supports social and behavioral science disciplines, as well as leadership skills development opportunities. Incorporation of social/behavioral sciences and leadership development is important for addressing many of the challenges facing agriculture and farm communities, such as increasing global demand for food production in the face of limited natural resources; improving health and reducing obesity by engaging in healthy diets; and alleviating poverty by fostering economic opportunity. Specific objectives are outlined in the [RFA](#). Proposed project budgets may not exceed \$500,000. Projects may be up to three (3) years in duration.

*Application deadline: April 9, 2019*

[^^](#)

## February Issue of Research Development & Grant

### Writing News

The February 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:

- Non-Faculty Researchers and Broader Impacts
- CAREER: The Importance of Focus
- US Army Medical Research Acquisition Activity
- Post-Shutdown Startup

[^^](#)

## **NDSU EXPLORE Showcase of Undergraduate Research & Creative Activity - Registration Now Open**

The NDSU EXPLORE Showcase of Undergraduate Research & Creative Activity is a campus-wide event to showcase students' research and creativity. Students present their projects in whatever format is appropriate for their work, whether in a poster, oral presentation, video, table display, or other format. Projects need not be finished; they can be in-progress.

**The 2019 NDSU EXPLORE Showcase will take place Thursday, April 11, 2019.**

For more information, including eligibility, guidelines, award information, and registration, visit the [NDSU EXPLORE webpage](#).



^^  

---

## **Unmanned Aircraft User Group Meetings**

Monthly brown bag meetings are scheduled to provide an informal opportunity to share information and ask questions about using unmanned aircraft. At the March meeting Dr. Ben Laabs from the Department of Geosciences will present on their experience using UAS for data collection over a rock glacier in Great Basin National Park. David Dvorak, CEO of Field of View LLC, will provide an overview of a UAS camera add-on system they've developed for geotagging and triggering image capture. He'll also discuss photogrammetry software. Field of View is located in our NDSU Technology Incubator. Please join us:

**Unmanned Aircraft User Group Meeting**  
**Friday, March 1, 2019 | 12-1 p.m.**  
**Memorial Union Room of Nations**

For more information about unmanned aircraft (drones), visit the [NDSU Unmanned Aerial Vehicles webpage](#).

^^

## **Three Minute Thesis Competition & Graduate Student Showcase**

The College of Graduate and Interdisciplinary Studies will be hosting the 5th Annual [Three Minute Thesis Competition](#) & Graduate Student Showcase on Thursday February 21 in the Memorial Union. The 3MT is a competition amongst graduate students to present their research in a way that is clear and interesting to nonspecialists in only 3 minutes.

The 3MT Preliminary Rounds are at 10 am and 11 am. The Graduate Student Showcase, with posters and displays, is from 1 – 1:50 pm. The Championship Round of the 3MT will be at 2:00 pm and will be followed by the Awards Ceremony and a reception.

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.*

*North Dakota State University does not discriminate on the basis of age, color, disability, gender expression/identity, genetic information, marital status, national origin, public assistance status, race, religion, sex, sexual orientation, or status as a U.S. veteran. Direct inquiries to: Equal Opportunity Specialist, Old Main 201, 701-231-7708 or Title IX/ADA Coordinator, Old Main 102, 701-231-6409.*