

## DMP Tool Provides Assistance for Data Management Plans

The University of California has created a [DMP Tool](#) to assist researchers in building data management plans, a required component of proposals for many grant programs.

The DMP Tool website provides an overview on how to use the tool, answers to frequently asked questions, plus resources and guidance on data management. DMP templates are provided for various federal agencies, as well as the latest information and news regarding data management. Also provided is a list of sample data management plans provided by DMP Tool users.

## National Expert to Present on Undergraduate Research

The Office of Research and Creative Activity (RCA) is pleased to offer several upcoming opportunities to learn from a nationally renowned expert of undergraduate research. [Dr. Jenny Olin Shanahan](#), Director of Undergraduate Research at Bridgewater State University in Massachusetts, will be the keynote speaker from 9:00-10:00 a.m. at the [NDSU EXPLORE event](#) on Tuesday, November 3, 2015, with a talk titled, “**The Transformative Power of Undergraduate Research.**” She will explain how participation in the high-impact practice of undergraduate research transforms students both during their college careers - with deeper engagement and marked academic gains – and well into their post-baccalaureate careers.

Shanahan will also hold a workshop for the campus community to encourage increased participation in undergraduate research activities by both students and faculty members. Titled “**Scaffolding Research Skills across the Curriculum, from the First year to Capstone Courses,**” the workshop will be held in the Memorial Union Arikara Room from 3:00-5:00p.m. on Nov. 3. [Click here to register for the workshop.](#)



## Funding Agencies Require Open Access to Research Results

New federal regulations require research funded by federal grants to become publicly accessible. On Feb. 22, 2013, the [Office of Science and Technology Policy](#) (OSTP) directed that each major U.S. funding agency must develop clear and coordinated plans to support public access to the results of research they fund, including results published in scholarly publications. Agencies must require researchers to comply with open data mandates and help them do it. On July 29, 2015, the OSTP provided an [update on progress](#) being made to comply with this directive. Watch for more information as plans continue to develop.

## In the News

Interest continues in research and creative activity underway at NDSU. Here's just a sample of media coverage. Some links to these news outlets are available for a limited time.

[NDSU researchers receiving \\$1.2M to combat prostate cancer](#)

[Research ND awards grants to two UAS projects](#)

[Many prospects for new UAS use](#)

[Exhibiting the Bakken's mood](#)

[New disease resistant pea developed](#)

[What scientists know and need to share with the public](#)

[Soy clean: NDSU researchers develop sulfate-free shampoo using soy](#)

[NDSU associate professor awarded \\$500K for data mining research](#)

If you'd like to suggest a story highlighting NDSU research and creative activity, [let us know](#). While we may not be able to use every suggestion, we would like to hear from you.

## Seven Named to NDSU UAS Advisory Panel

NDSU has named an interdisciplinary group of seven faculty members to its Unmanned Aircraft Systems Advisory Panel, according to Dr. Kelly A. Rusch, vice president for research and creative activity. The panel provides a mechanism for discussion and feedback about UAS throughout campus. The group meets monthly to discuss the [Northern Plains UAS Test Site](#), services, research and logistics of unmanned aerial vehicles. Members of the NDSU UAS Advisory Panel include:

- Sreekala Bajwa, head of Agricultural and Biosystems Engineering
- Jeff Bumgarner, head of Criminal Justice and Political Science

## Vice President for RCA Establishes Research Council

The Research Council, established by Dr. Kelly A. Rusch, vice president for Research and Creative Activity, began meeting this fall. The Council's charge is to promote NDSU's research and scholarly enterprise, as well as to serve as an advisory body for the vice president in matters pertaining to research. The Research Council will be evaluating internal proposals for research funding and providing input to the vice president on policy matters. The Research Council, however, is not a policy-making body.

Nominations to the Council are made through the Faculty Senate and college deans, with appointment made by the vice president. Faculty members serve three-year terms and graduate students serve one-year terms. With the establishment of the Council, terms are being staggered for continuity. The vice president for research serves as chair of the Research Council.

Research Council Members:

### One-Year Terms

Mike Weber – professor, Music  
 Stuart Haring – associate professor, Chemistry and Biochemistry  
 Joseph Szmerekovsky – professor, Management and Marketing  
 Don Warne – chair, Public Health  
 Graduate Students – TBA

- Anne Denton, associate professor of Computer Science
- Adam Marx, assistant professor, School of Education
- Herb Snyder, head of Accounting and Info Systems
- Yildirim Bora Suzen, associate professor of Mechanical Engineering
- Don Warne, chair of the Department of Public Health

Advisory Panel members were tapped for service on the panel by college deans. Facilitator of the North Dakota State University UAS Advisory Panel is Aaron Reinholz, director of research operations in the Office of Research and Creative Activity. Reinholz serves as the NDSU point of contact with the Northern Plains UAS Test Site.

#### Two-Year Terms

Kevin McPhee – professor, Plant Sciences  
 Kalpana Katti- University Distinguished Professor, Civil and Environmental Engineering  
 Christi McGeorge – professor, Human Development and Family Science  
 Limin Zhang – associate professor, Management Information Systems  
 Nan Yu – associate professor, Communication

#### Three-year Terms

Kim Vonnahme – associate professor, Animal Science  
 Todd Lewis – associate professor, Counselor Education  
 Bernhardt Saini-Eidukat – associate professor, Geology  
 Molly Secor-Turner – associate professor, Nursing  
 Xiangfa Wu – associate professor, Mechanical Engineering

Chad Ulven – associate professor, Mechanical Engineering, and chair, Faculty Senate Research and Consulting Committee (term coincides with chairmanship)

## Upcoming Events

### October 14, 28, & 29, 1:00 – 2:30 p.m. NCURA Life Cycle of the Award Series – Proposal Development Webinars.

*Oct. 14 – Memorial Union, Century Theatre*  
*Oct. 28 & 29 – Research 1, Rm. 148/154*  
 NDSU's Office of Sponsored Programs Administration and the Office of Grant & Contract Accounting are hosting a series of webinars called "[Life Cycle of the Award.](#)" produced by the National Council of University Research Administrators (NCURA). In October, a three-part series focuses on **proposal development**. Faculty, staff, and students are welcome to attend free of charge. The webinar recordings will be available at a later date.

### November 6, 1:00 – 3:00 p.m.

**What you Need to Know About NIH Application Submission and Review** – NIH experts will present this webinar designed to give participants useful insights into the National Institutes of Health (NIH) application submission & peer review processes, with a focus on Research Project Grants (R01). To view at your own desktop, [register by Mon., October 29 >>](#)

### October 26, 2015, 1:00 – 3:00 p.m. Gear Up for Grants: Understanding the Federal Budget Process

*NDSU Memorial Union, Plains Room*  
 David B. Lee and Nicholas L. Crockett of Lee & Smith, PC, in Washington, D.C. will give a presentation aimed at helping faculty, staff, and students understand the federal budgeting process. They will also provide tips to enhance competitiveness for federal grants.

For more than fifteen years, Lee has been an advocate for NDSU in Washington and has served as the institution's registered lobbyist. During this period, Lee has helped NDSU develop and implement strategies resulting in more than \$500 million in federal research and infrastructure funding.

Crockett joined Lee & Smith, PC, in 2007 as the firm's Director of Legislative & Strategic Federal Initiatives and is a frequent lecturer on the legislative and funding process for municipalities, public utilities, and universities across the country.



**TUESDAY, NOVEMBER 3, 2015**

NDSU EXPLORE is an annual event that celebrates the scholarly accomplishments of NDSU undergraduate students.

[Registration](#) will close soon for undergraduate students interested in showcasing their research or creative project at this [annual event](#) on Nov. 3, open to the public. Presentations will be accommodated in whatever format is appropriate – poster, oral presentation, video, table display, etc. Projects can be in-progress or completed. All faculty, staff and students are encouraged to attend the event. In addition to viewing student projects, a keynote presentation will be held from 9:00-10:00 a.m. in the NDSU Memorial Union Ballroom (see presenter Jenny Olin Shanahan above). For more information, [see NDSU EXPLORE >>](#)

## Future Events coming in Spring 2016

- "Broader Impacts" workshop provided by national expert Susan Renoe, Director of the [Broader Impacts Network](#)
- "NSF Day" featuring visiting National Science Foundation program officers

RESEARCH UPDATE ARCHIVE

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