NDSU's [Research and Discovery Vision](https://www.ndsu.edu/fileadmin/provost/Forms/Strategic_Planning/Strategic_Plan_Goals_and_Metrics.pdf) is focused on achieving national and international recognition as a premier public Research University, committed to solving complex and evolving Grand Challenges. The Vision centers on three Grand Challenges which leverage current and emerging strengths of NDSU researchers, are inclusive of creative activity and innovation, and align the university with the needs of the state, the nation, and the world.

* **Food Systems and Security**

NSF / USDA-NIFA
[Plant-Biotic Interactions](http://uidp.us10.list-manage.com/track/click?u=b264ef22115217350c4019b34&id=eea46c6414&e=fda78494d7)

NSF / USDA-NIFA
[Innovations at the Nexus of Food, Energy and Water Systems (INFEWS)](https://www.nsf.gov/pubs/2018/nsf18545/nsf18545.htm?WT.mc_id=USNSF_25&WT.mc_ev=click)

NSF
[Cybersecurity Innovation for Cyberinfrastructure (CICI)](https://www.nsf.gov/pubs/2018/nsf18547/nsf18547.htm)

Organic Farming Research Foundation
[Research Grants Program](http://ofrf.org/research)

Farm Aid
[Grants](https://www.farmaid.org/our-work/grant-guidelines/)

Food and Farm Communications Fund
[Grants](http://foodandfarmcommunications.org/about.html)

NSF
[Ecology and Evolution of Infectious Diseases (EEID)](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5269)

United Nations - Food and Agriculture Organization
[Technical Cooperation Programme](http://www.fao.org/technical-cooperation-programme/en/)

USDA-AFRI
[Food, Agriculture, Natural Resources and Human Sciences Education and Literacy Initiative](https://nifa.usda.gov/funding-opportunity/agriculture-and-food-research-initiative-food-agriculture-natural-resources)

Institute of Food Technologists
[IFT Achievement Awards](http://www.ift.org/membership/awards-and-recognition/achievement-awards.aspx)

* **Healthy Populations and Vital Communities**

FM Area Foundation
[Community Grants](https://areafoundation.org/)

Prevent Cancer Foundation
[Community Grants](https://preventcancer.org/our-work/grants-fellowships/community-grants/2017-recipients/)

Dakota Medical Foundation
<http://www.dakmed.org/>

Colorado School of Public Health
[Center for Health, Work & Environment](http://www.ucdenver.edu/academics/colleges/PublicHealth/research/centers/CHWE/Research/Pages/Pilot.aspx)

DHHS Partnerships to Achieve Health Equity(MC-CPI-17-001)<https://www.grantsolutions.gov/gs/preaward/previewPublicAnnouncement.do?id=58588>

Pardee Foundation – Cancer Research Projects
[Health and Aging Policy Fellows Program Accepting Applications](http://philanthropynewsdigest.org/rfps/rfp7530-health-and-aging-policy-fellows-program-accepting-applications)
U.S. Department of Health & Human Services – Office of Minority Health
[Empowered Communities for a Healthier Nation Initiative – FY17](https://www.grantsolutions.gov/gs/preaward/previewPublicAnnouncement.do?id=59100)
Claude D. Pepper Older Americans Independence Centers (P30)
<https://grants.nih.gov/grants/guide/rfa-files/RFA-AG-18-007.html>

Corporation for National and Community Service
[Research Grant Competition: Community Conversations](https://www.nationalservice.gov/build-your-capacity/grants/funding-opportunities/2018/community-conversations-research-competition)

W.K. Kellogg Foundation
[Community and Civic Engagement Grants](https://www.wkkf.org/what-we-do/community-and-civic-engagement)

Minnesota Power Foundation
Grants

* **Sustainable Energy, Environment, and Societal Infrastructure**

# USDA & NSF[Innovations at the Nexus of Food, Energy, and Water](https://nifa.usda.gov/funding-opportunity/innovations-nexus-food-energy-and-water)USDA [Biomass](https://www.fsa.usda.gov/programs-and-services/energy-programs/BCAP/index)Wildlife Conservation Society[Nature Based Climate Change Adaptation Projects](http://philanthropynewsdigest.org/rfps/rfp7527-wcs-issues-request-for-proposals-for-nature-based-climate-change-adaptation-projects)National Institutes of Health[Environmental Health Sciences Core Centers](http://grants.nih.gov/grants/guide/rfa-files/RFA-ES-17-003.html)Tesoro Petroleum Corporation[Community Investments](http://tsocorp.com/social-responsibility/tesoro-community-investments/)

# U.S. Dept. of Energy - Office of Science[Annual Broad Agency Open Solicitation](https://science.energy.gov/grants/foas/)U.S. Dept. of Energy[Open National Laboratory Announcements](https://science.energy.gov/grants/lab-announcements/open/)

# U.S. Dept. of Energy / USDA[Feedstock Genomics for Bioenergy: A Joint Research Funding Opportunity Announcement](https://science.energy.gov/grants/foas/open/)

# U.S. Dept. of Energy[Early Career Research Program](https://science.energy.gov/grants/foas/open/) (required pre-proposals due in January)

# USDA-NIFA[Youth Educator Sustainable Agriculture Grants](https://www.northcentralsare.org/Grants/Our-Grant-Programs/Youth-Educator-Grant-Program)