



NORTH DAKOTA SPACE GRANT

AFFILIATES MEETING 2025

NORTH DAKOTA



SPACE GRANT CONSORTIUM

March 25, 2025

2025 NDSGC AFFILIATES MEETING AGENDA

8:30 AM

- Breakfast
- Welcome
- NDSGC Recap/Aurora
- NASA Updates

9:00 AM - Internships

- Describe the NASA/Industry Internships Program
- Panel Q & A - *(See Panelists page)*

9:45 AM - Fellowships

- Description of Program
 - Summer Faculty Fellowships
 - Student Research Fellowships

10:15 AM - Break - Poster Sessions

- During the break - Students will be sharing their posters from NASA Internships and Student Fellowships. Walk around and learn all about how the funding impacted their experience.

10:45 AM Guest Speaker: *Senator Hoeven*

11:00 Competition Teams

- Description of Program
- UND Robotics Team: NASA Lunabotics
- UND Advanced Rocketry Club: Intercollegiate Rocket Engineering Competition
- NDSU Formula SAE Club: EV/CV: FSAE Competition
- NDSU Bison Robotics Team: NASA Lunabotics
- NDSU AIAA Design, Build, Fly Competition Team

2026 NDSGC

AFFILIATES MEETING AGENDA - CONT.

11:45 Business Meeting

- Sharing Funding information & Opportunities

12:00 Lunch

- *12:30 - Scholarship Awardee Recognition*
 - *(See Scholarship page)*

1:00 Job Service of ND - Resumes

- Breakout session with Job Service (2-30 minute sessions)
- STEM Hands-on activity

2:00 Break

2:15 Job Service - Interviewing

3:15 Mini Grants

- Description of the Program
 - Student Mini-grants
 - Educator Mini-grants
 - Affiliate Mini-grants

3:30 STEM Ambassador Program

- Description of the Program

3:45 Wrap-up

- Complete the paperwork for reimbursements

4:00 Affiliate Meeting Closing

- Load the bus

NASA Internship Attendees

The NDSGC is committed to support North Dakota students in NASA internships and industry internships. Students who are US citizens and enrolled at NDSGC-affiliated institutions will be able to engage in authentic, hands-on learning experiences that involve real-life problem-solving. Internships are competitively awarded every year, as the NDSGC reviews all applications using a rubric to evaluate student transcripts, resumes, letters of recommendation, and essays. Additional competitiveness and inclusive criteria of NASA internship opportunities are determined by respective NASA centers.

Undergraduate Students

Fall/Spring: \$13,120

Summer: \$8,200

Graduate Students

Fall/Spring: \$15,840

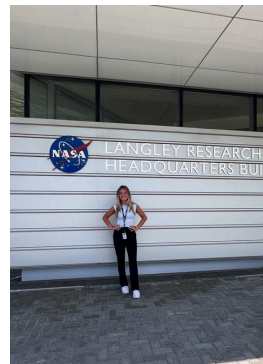
Summer: \$9,900

Travel Stipend

up to \$2,500 (if required to travel for badging and/or internship)



Zoe Graham
University of North Dakota
Commercial Aviation
(B.S. Aeronautics)
Langley Research Center



Amanda Curatti
University of North Dakota
Commercial Aviation
Langley Research Center



Jenny Mulholland
University of North Dakota
Aviation Safety
Langley Research Center



Manna Khan
University of North Dakota
Earth System Science and Policy
NASA Headquarters



Cheyenne Harrison
University of North Dakota
Mechanical Engineering
Glenn Research Center



Laina Behrenbrinker
University of North Dakota
Mechanical Engineering
with Aerospace focus
Ames Research Center

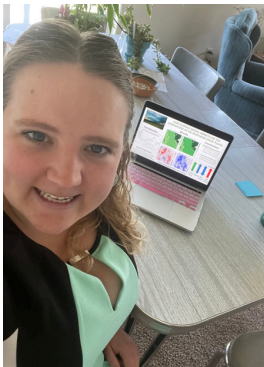
NASA Internship Attendees



Nick Holte
University of North Dakota
Mechanical Engineer
Langley Research Center



Cassandra Taggart
University of North Dakota
Atmospheric Sciences &
Middle-Level Education
Langley Research Center



Kaela Lucke
University of North Dakota
Atmospheric Sciences
Goddard Institute for
Space Studies



Kristian Haugen
University of North Dakota
Aerospace Engineering, and
Mechanical Engineering
Langley Research Center



Darell Morning
Atmospheric Sciences
Goddard Institute for
Space Studies
*not funded by NDSGC

Felicia Haseleu
Educator at Erik Ramstad Middle
School, Minot, ND
Langley Research Center



Partner

Student Fellowship Attendees

The NDSGC Student Fellowship provides funding for North Dakota students to complete research fellowships at both the undergraduate and graduate levels. Research fellowships are available to students completing STEM- or NASA-relevant research under the guidance of a faculty mentor. Students are expected to spend around 15 hours per week on their research projects.

Undergraduate Students

Fall/Spring: \$5,500

Summer: \$3,100

Graduate Students

Fall/Spring: \$6,000

Summer: \$3,800



Malissa Reinhardt

University of North Dakota

Physics and Mathematics

Sadie Bone

University of North Dakota

Physics

Anton Golovko

University of North Dakota

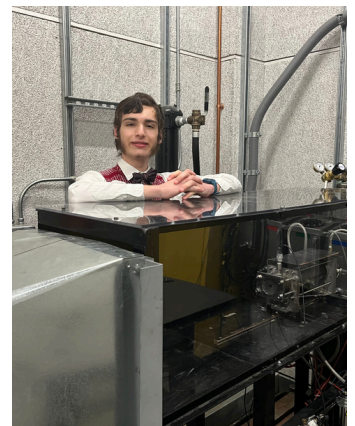
Biology



Laina Behrenbrinker

University of North Dakota

Mechanical Engineering



William Roden

North Dakota State University

Mechanical Engineering

Faculty Fellowship Attendees

NDSGC Summer Faculty Fellowships are designed to assist faculty in creating or revising a college-level course that is in a Science, Technology, Education, or Mathematics (STEM) field and is NASA-relevant. This program directly supports one of the goals of NASA Education, and the overall goal of this program is to increase the exposure of college students to NASA and NASA research.

Faculty Funding
Summer: \$4,500



Janelle Green
Minot State University
Biology



Marcos Fernandez-Tous
University of North Dakota
Space Studies

Competition Team Attendees

The North Dakota Space Grant Consortium proudly provides funding to student teams participating in NASA- and STEM-relevant competitions at local, regional, national, and international levels. Students may apply for funding to cover materials and travel related to competitions.

Funding

First-year NDSGC-funded teams: up to \$4,000

Returning NDSGC-funded teams that have met all deliverables: up to \$12,000



NDSU AIAA Design, Build, Fly Competition Team

Toby Cichy, Michael Maurer, Jacob Anderson, and Zach Ellis

NDSU Formula SAE Club EV/CV: FSAE Competition

Alec Bobrofsky, Thomas Mount

NDSU Bison Robotics Team: NASA Lunabotics

Dannalyn Orth



UND Advanced Rocketry Club: Intercollegiate Rocket Engineering Competition

Dawson Beck, Kristian Haugen



UND Robotics Team: NASA Lunabotics

Samuel Alness, Gunnar Anderson, Lucy Bevelacqua, **Thomas Glissman**, **Cole Graner**, **Ian Graves**, Riley Guza, Keith Harris, Zach Hilber, Kevin Jean-Baptiste, Garrett Manley, Micheal Nordstrom, Dillon Schulz, and Jacob Warrick.

Scholarship Attendees

The North Dakota Space Grant Consortium offers several prestigious scholarships for students enrolled in STEM or STEM Education programs at North Dakota colleges and universities.

Lillian Goettler Scholarship \$2500

Pearl I. Young Scholarship \$2500

Tribal College Scholarship \$2500

Undergraduate Scholarships up to \$2500

Transfer Scholarships \$2500

NDVS/SB Scholarships up to \$2500



Justin Burud
Computer Engineering



Kadin Eagle
Pre-Engineering



Sonya Williams
Natural Resource Management



Arie Bratrud
Mathematics



Collin Peck
Medical Lab Science



Ryan Allard
Cybersecurity Data Privacy



Sofia Morales
Astrophysics

Educator Mini Grant

Attendees

Educator Mini-Grants are open to North Dakota Formal and informal educators who are teaching, hosting, or participating in research or education initiatives related to STEM an/or NASA. Educator mini-grants may be applied to STEM-relevant field trips, materials and resources that enhance the STEM classroom, and participation in NASA-relevant or STEM challenges (local/regional/national). These educators teach or work at a North Dakota K-12 school, museum, non-profit, or club.

Educator Funding
Up to \$2,500



Steven Quinlivan

STEM Supplies for
Science Fun Night



Beth Duchsherer

Hydroponic Systems



Tyler Larson

Harvey Penny House
Content Lab

Student Mini Grant Attendees

Student Mini Grants are available for undergraduate and graduate students who are completing STEM- or NASA-relevant research that directly affects their thesis or dissertation (or a similar culminating project that enables students to graduate). Student mini-grants are awarded each semester and may include materials funding. To be eligible, these students are enrolled at an NDSGC Affiliate College or University, a U.S. Citizen, and in good academic standing.

Student Funding
Up to \$2,500



Jacob Yates

University of North Dakota

Aerospace Sciences



Kalea Lucke

University of North Dakota

Atmospheric Sciences

STEM Ambassador Attendees

STEM Ambassadorships are open to students who are self-motivated, enjoy interacting with K-12 students, educators, and the general public, and have strong communication skills. Students are paid hourly to conduct STEM and NASA engagement activities (hands-on activities, demonstrations, presentations, and recruitment) throughout the year. Students must be confident in securing their own engagement activities. STEM Ambassadors must visit the UND campus and attend a training session at the start of the fall semester. Here, they will receive instruction on how to conduct numerous STEM lesson plans.

Funding
\$18.00/hr, up to 20 hours per week
Applications open April 1st -
Deadline May 1st



Amanda Curatti
Commercial Aviation



Cheyenne Harrison
Mechanical Engineering



Laina Behrenbrinker
Mechanical Engineering



Cassandra Taggart
Atmospheric Sciences &
Middle-Level Education



Hailey Olson
Commercial Aviation



Jenny Mulholland
Aviation Safety


Faculty Attendees




Angie Milakovic
Bismarck State College
Geographic Information Systems



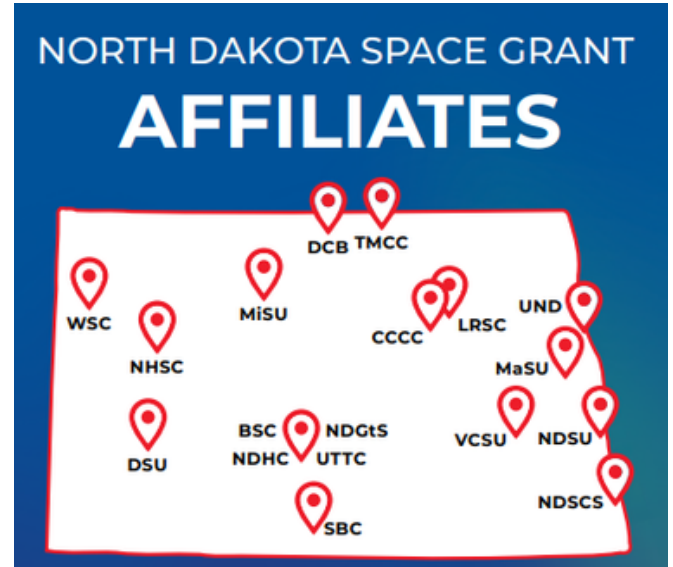
Mike Holman
Bismarck State College
Electronics & Telecommunications
Technology



Scott Johnson
Dakota College at Bottineau
Mathematics



Kerry Hartman
Nueta Hidatsa Sahnish College
Academic Dean/Science Faculty

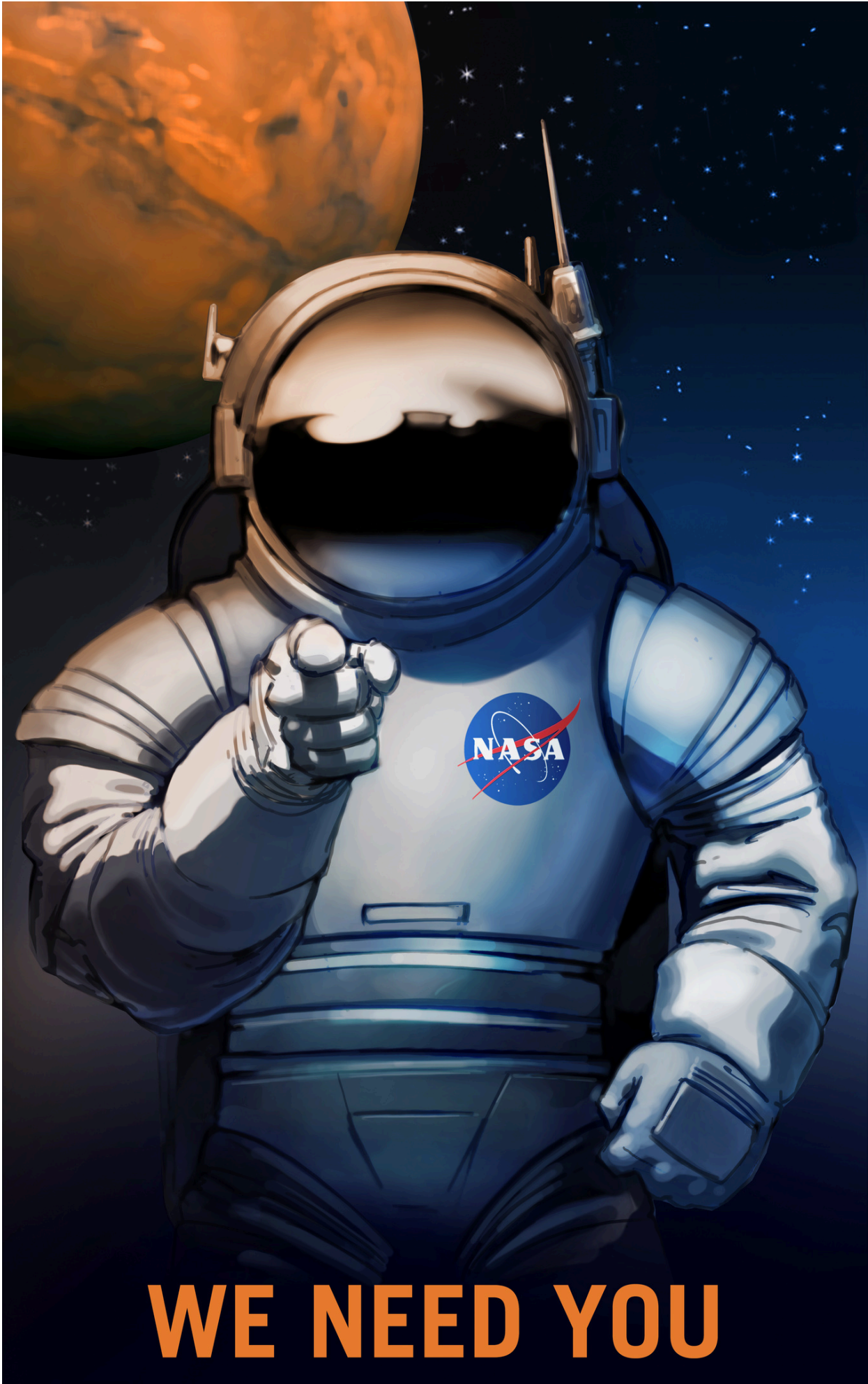


Nueta Hidatsa Sahnish College



UNITED TRIBES
TECHNICAL COLLEGE





WE NEED YOU