



July 31 - Aug. 1, 2024

11th Annual Research Symposium
Sioux Falls Convention Center



Agenda

(tentative and subject to change)

July 31, Day 1:

9-10 a.m.

Registration & Welcome

Exhibit Hall 2

10-11:30 a.m.

Breakout Sessions

Meeting Rooms 11-14

- **Finding your Fit: Applying to Grad School and Writing your Statement of Purpose, Mtg. Rm. 13**

Maribeth H. Price; South Dakota Mines

If you are thinking about graduate school, this session will help you understand what to look for in choosing your program, how the application process works, and advice on preparing a good application.

- **Effective Collaborations with Tribal Colleges, Mtg. Rm. 12**

Dana Gehring, Cami Griffith, Alessandra Higa, Nick Klein; Oglala Lakota College

A panel discussion by South Dakota Tribal College faculty on how to develop and maintain effective, sustainable, collaborative relationships with tribal faculty and staff.

- **Giant Vision Participant Panel, Mtg. Rm. 14**

Mel Ustad; SD EPSCoR

The South Dakota Chamber of Commerce and Industry annually conducts a statewide open and student business plan competition. The panel members will share their experience competing in the competition and entrepreneurship. Panel members include:

- *Dr. Bill Gibbons, SDSU faculty member and inventor who partnered with South Dakota Innovation partners to start the business, Prairie Aquatech, now doing business as Houdek.*
- *Craig Arnold, an experienced entrepreneur and business executive, partnered with South Dakota Mines professor Todd Menkhaus to form Nanopareil.*
- *Dr. Matthew Cole, as an SDSU student, won the student Giant Vision business plan competition and was a finalist in the open competition as CEO of Pioneer BioTechnology.*

11:30 a.m.-12:30 p.m. **Working Lunch**

Exhibit Hall 2

Jennifer Ozawa with Research Triangle International will present information on her work on updating the South Dakota Science and Technology plan and solicit input from faculty and students attending.

1-3 p.m.

Breakout Sessions

Meeting Rooms 11-14

- 1-2 p.m. **Grants 101: Grant Writing and Career Development Training, Mtg. Rm. 13**

Rajesh Sani; South Dakota Mines

Learn essential skills in grant writing and career development, identifying funding opportunities, preparing competitive proposals, and increasing the likelihood of securing research funding.

Highlights include securing prestigious funding such as NSF GRFP and NASA scholarships, with job search strategies, resume building, and navigating visa and green card processes.

- 1-2 p.m. **The New EPSCoR Model: E-CORE RII and E-RISE RII, Mtg. Rm. 12**

Kinchel Doerner; SD EPSCoR

This session will review the recent changes to the NSF EPSCoR model and the changes for South Dakota and the future role of the SD EPSCoR office. The Track-1 has sunset and was replaced with the E-CORE RII and E-RISE RII grants. We will discuss new processes and recent recipients will describe their successful proposals.



Agenda

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July 31, Day 1 (cont'd.)

- 1-2 p.m. **Great Plains I-Corps, Mtg. Rm. 14**
Michael Russell; North Dakota State University
Join this session to learn about the NSF's Regional and National I-Corps training opportunities. I-Corps is an experiential training program aimed at teaching researchers, innovators, and entrepreneurs to use customer discovery to gain a stronger understanding of the ecosystem, decision makers, and stakeholders surrounding their technology. I-Corps is a great first step for researchers hoping to commercialize their technologies.
- 1-3 p.m. **Diversity Workshop, Mtg. Rm. 11**
Amber Jensen; South Dakota State University
Our team of Student Researchers and mentors will report on their experiences with best practices of Indigenous research methodology, which includes storytelling as a social and behavioral science research approach. Our team will report on the process and progress of our work in collaboration with Tribal Colleges and Universities (TCUs) to co-create and test a college persistence intervention based on students' narratives of hope and perseverance.
- 2-3 p.m. **South Dakota E-CORE and E-RISE, Mtg. Rm. 12**
To date, South Dakota has been awarded one E-CORE RII and one E-RISE RII grant. Principal Investigator (PI)s Ben Saylor from BHSU and Ruanbao Zhou from SDSU will discuss their grants' objectives, how faculty and students can get involved, as well as their grant writing strategy.
- 2-3 p.m. **Grants 102: NSF GRFP and General Grant Procurement Info, Mtg. Rm. 13**
Office of Research; University of South Dakota
The wide, wide world of research grants: A map to get started. The pursuit of research often means the pursuit of grant funding. This presentation will provide a basic on-ramp to grant funding, including tools to navigate opportunities and early funding and map the general grants process.
- 2-3 p.m. **Graduate Schools, Mtg. Rm. 14**
Discover the graduate program that is right for you. Representatives will share highlights of the various state options and answer your questions.

3-5 p.m.

Career Fair

Ballroom A

Refreshments during the Career Fair are sponsored by the Sioux Falls Development Foundation.

August 1, Day 2:

8-9 a.m.

Continental Breakfast

Exhibit Hall 2

9-10 a.m.

Poster Session A (odd #'s 1, 3, 5, etc.)

Exhibit Hall 1

9-10:30 a.m.

BREAK

10:30-11:30 a.m.

Poster Session B (even #'s 2, 4, 6, etc.)

Exhibit Hall 1

11:30 a.m.-1 p.m.

Working Lunch

Exhibit Hall 2

A panel led by Principal Investigator Mel Ustad will present the NSF EPSCoR Track-1 Recap Summary.

1-2 p.m.

Poster Session C (odd #'s 1, 3, 5, etc.)

Exhibit Hall 1

2-2:30 p.m.

BREAK

2:30-3:30 p.m.

Poster Session D (even #'s 2, 4, 6, etc.)

Exhibit Hall 1