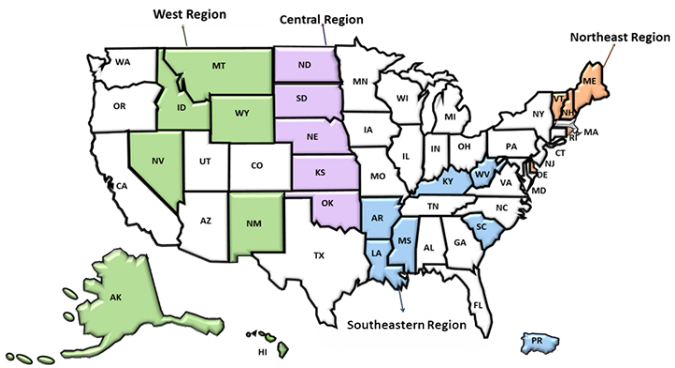
NIH IDeA Program and SD INBRE

What is IDeA?

- Institutional Development Award
- Congressionally mandated NIH program
- Builds biomedical research capacity
- Supports basic, clinical, and translational research
- Key mechanisms: INBRE, COBRE, CTR, and co-funding



SD INBRE at a Glance

- Funded by NIGMS since 2001
  - PD/PI: Victor Huber (USD)- 2021-Present
  - PC: Cynthia Anderson (BHSU)- 2009-Present
- Over $78M in total NIH support
- Transitioned from BRIN to INBRE
- Current phase: $2.75M annually

Partners, Objectives, and Structure

Partner Institutions (2025–2031)

- Augustana University
- Black Hills State University
- Dakota State University: New partner
- Dakota Wesleyan University
- Mount Marty University
- Northern State University: New partner
- Oglala Lakota College
- Sisseton Wahpeton College
- South Dakota Mines: New partner
- University of Sioux Falls

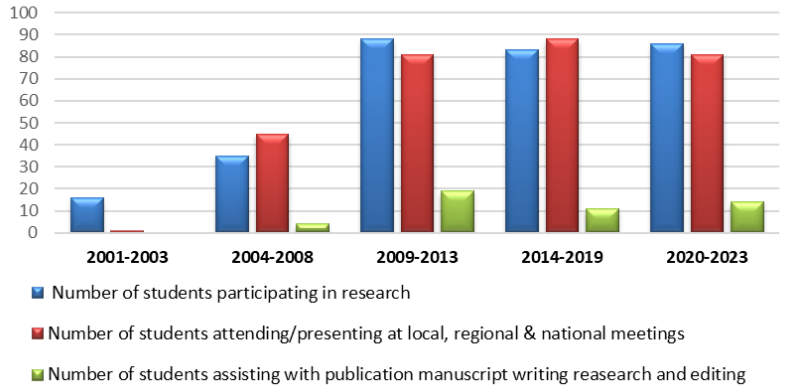


Objectives and Structure

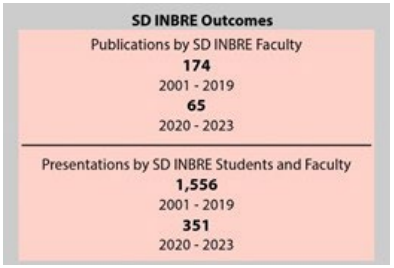
- Faculty mentors: Anyone in SD can apply to be a mentor
- Undergraduate research programs: AY-SRP and S-SRP
- Core facilities: Research Match Core
- Data science
- Pilot projects
- Administrative support (budget, reports, grants)
- Oversight
  - EAC (External Advisory Committee)
  - Steering Committee (Senior Institutional Leaders)
  - Executive Committee (Campus Liaisons)

Major Milestones

ndergraduate Research Program (2001-2023)



Publications and Grants 2001-2023





Core Facility Use 2020-2023

Table OVR-1. Research Resources Use By the Numbers		Genetics & Genomics	Proteomics	Bioinformatics
2020-2023 Average Annual Number of User Projects	INBRE Faculty & Staff	16	25	10
	INBRE Students (All Levels)	27	11	67
	External Users (faculty/staff/students)	3	10	24
	2020-2023 Average Annual Number of Samples/Datasets Processed	5393	627	390
2020-2023 Publications	INBRE Supported	4	5	15
	External Fund Supported	5	8	3