



NIH BRIN/INBRE

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Enhancing basic biomedical research in cell biology with a network of a research intensive institution and partner undergraduate institutions

SOUTH DAKOTA NIH BRIN/INBRE

Since 2001, SD BRIN has received more than \$47.5 million in funding from the National Institutes of Health (NIH) for the partner institutions of the University of South Dakota (USD), Augustana University, Black Hills State University, Dakota Wesleyan University, Mt. Marty College, Oglala Lakota College, Sisseton Wahpeton College, and the University of Sioux Falls.

This funding supports Bioinformatics, DNA Sequencing and Genotyping, Genomics, and Proteomics Core Facilities for all SD and regional researchers through its first goal of improving research capabilities in cell biology with special emphases on proteomics, genomics, and bioinformatics. SD BRIN's second goal is developing human resources in biomedical sciences and bioinformatics by supporting research of students and faculty from predominantly undergraduate institutions and tribal colleges.

WHAT IS NIH INBRE?

NIH INBRE is one of the three Institutional Development Award (IDeA) programs offered by the NIH and National Institute of General Medical Sciences. INBRE stands for IDeA Network of Biomedical Research Excellence. The other IDeA programs are the Center of Biomedical Research Excellence (COBRE) program and the IDeA-Clinical and Translational Research (CTR) program. Twenty-three states and Puerto Rico are eligible for IDeA funding from NIH. The INBRE program in each state is funded by \$2.5 million in direct costs annually.

SD BIOMEDICAL NETWORK



SUPPORTING SOUTH DAKOTA

In addition to providing services from the core facilities at free or reduced rates to all SD researchers, SD BRIN invests in its undergraduate partner institutions providing summer research support for 30 science faculty, summer student research fellowships for 50 undergraduates, and \$250,000 in scientific library databases for access to journal articles. Faculty at Avera Research, Sanford Research, South Dakota State University, and USD are eligible to serve as mentors for the summer undergraduate fellows from the partner institutions. An annual convocation for both faculty and student researchers (with a student poster session and workshops on opportunities in graduate and professional education) is held at the end of the summer program.