



BIENNIAL BUDGET REQUEST

2018-19

Expand MnDRIVE

Background

The Minnesota Discovery, Research and Innovation Economy (MnDRIVE) program advances U of M research strengths through state investment to solve Minnesota's greatest challenges.

In 2013, the Minnesota Legislature invested \$18 million annually in MnDRIVE to focus on four research areas: robotics, global food, environment, and brain conditions.

MnDRIVE has been a great success. In the past three year, the program has:

- Supported more than 395 projects bringing together more than 800 researchers across the state.
- Fostered 325 new partnerships with Minnesota businesses and organizations including 3M, Medtronic, Cargill, and Tonka Waters.
- Launched 9 startup companies in Minnesota

Proposal

Invest \$32 million in four new research areas:

- Fight cancer: improve statewide access to cancer clinical trials
- Strengthen communities: develop solutions to reduce social inequality statewide
- Clean water: improve water quality and long-term sustainability statewide
- Advance data: integrate information to advance technology and decision making



Request

FY18: \$8.5 million

FY19: \$23.5 million

Total: \$32 million

FIGHT CANCER



Create a statewide cancer clinical trials network with community partners

- Enhance provider knowledge
- Increase patient accessibility
- Improve treatments
- Increase survival rates

STRENGTHEN COMMUNITIES



Develop research-based solutions to eliminate disparities statewide in education, workforce, health, and criminal justice

- Expand successful equity programs
- Improve Minnesotans' quality of life
- Strengthen Minnesota's economy

CLEAN WATER



Develop targeted water treatment and reuse technology solutions to meet projected demand

- Improve water quality statewide
- Minimize water waste across industries and communities
- Strengthen the long-term viability of Minnesota's agriculture, tourism, and manufacturing

ADVANCE DATA



Advance data management, integration, and analysis to fully utilize today's abundant and diverse data

- Improve decision making, particularly in agriculture, medicine, transportation, and economic and social equity
- Increase data service partnerships between the U of M and state agencies, small businesses, and nonprofits
- Expand data research opportunities for undergraduate and graduate students