

Expanding Translational Health Research to Include Rural and Non-Metro Communities

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Nephrology HHS

Pharmacy

Neuroscience

Emergency Medicine

Medicine

Pediatrics

Nursing

NLITeS Program: Trekkers Proposal Presentation
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Charge:

Broaden the UMN research enterprise to include rural, non-metro, and additional state-wide components

Objective:

Outline a vision to produce long-term, statewide impacts of translational research, ultimately resulting in improved health of all Minnesotans

The results from these efforts should be readily apparent to all Minnesotans

Assessment: Important Considerations and Relevant Resources

Method 1: Qualitative interviews with UMN leaders in rural health research and outreach

Method 2: Participated in UMN Office of Public Engagement convening around community-engaged research, teaching, and outreach

Method 3: Explored research led by Minnesota Rural Practice-Based Network to Monitor and Respond to Health Needs in Rural Minnesota

Assessment: Key Findings

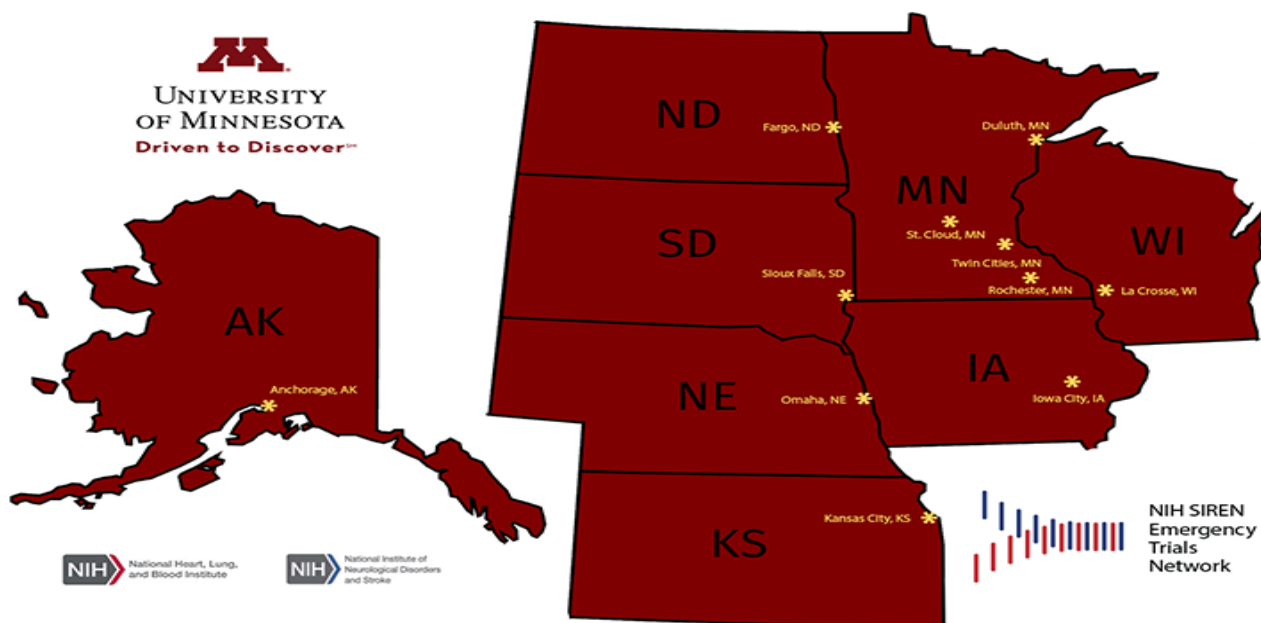
- Many opportunities for health and health services research
- Community-partnered and community-engaged research
- Health systems partnerships and grassroots community partnerships
- Promoting health is more than ensuring a hospital in town
- Utility of a “Social Determinants of Health” lens

Assessment: Relevant Resources

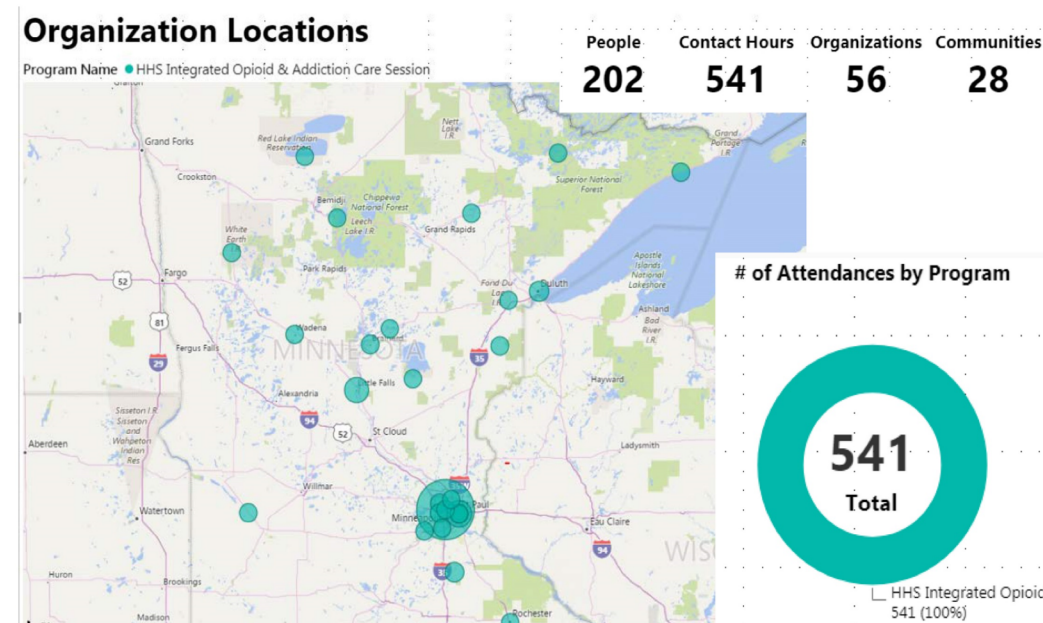
- Community Health Needs Assessments
- Minnesota Community Measurement Group
- Office of Public Engagement
- Rural Health Research Center UMN-SPH
- UMN Extension Services
- UMN Rural Physician Associate Program (RPAP)
- UMN-Duluth Medical School and College of Pharmacy
- UMN Alumni

Minnesota Models: Rural Research and Statewide Research Networks

- Minnesota Rural Practice-Based Network
- Minnesota SIREN Emergency Trials Network
- Project ECHO: Extension for Community Healthcare Outcomes



Minnesota SIREN



ECHO

The Need for Improved Access and Care is Apparent

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BOLD IDEAS

As a land-grant university, our work is to serve. We are committed to reaching all corners of our state and improving the health outcomes for all Minnesotans. Through research, seeking new discoveries, and continually learning, we can pave the way for generations to come.

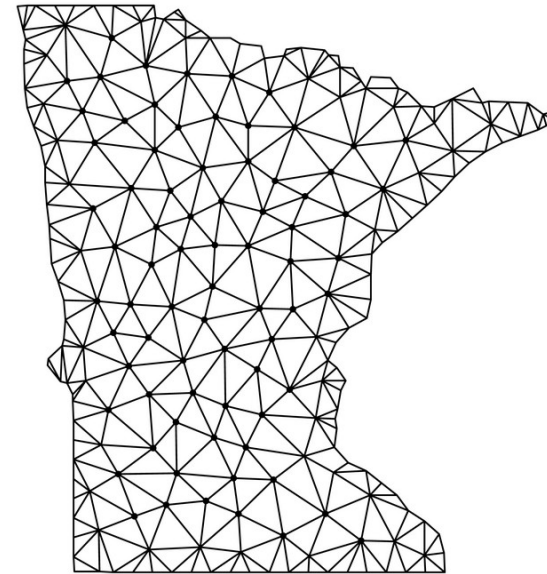
Our BOLD Ideas grant program encourages interdisciplinary collaborations to tackle the “wicked” problems affecting community and individual health. These include:

- Health disparities and influencing social determinants of health
- Lack of access to needed healthcare and health promotion resources in rural Minnesota (closed hospitals/lack of providers/missing programs and needed expertise) and some urban settings (i.e., dentistry, dietitians)

Our Proposal: Creation of MN-THREADs

Minnesota Translational Health Research: Engagement - Access - Dissemination

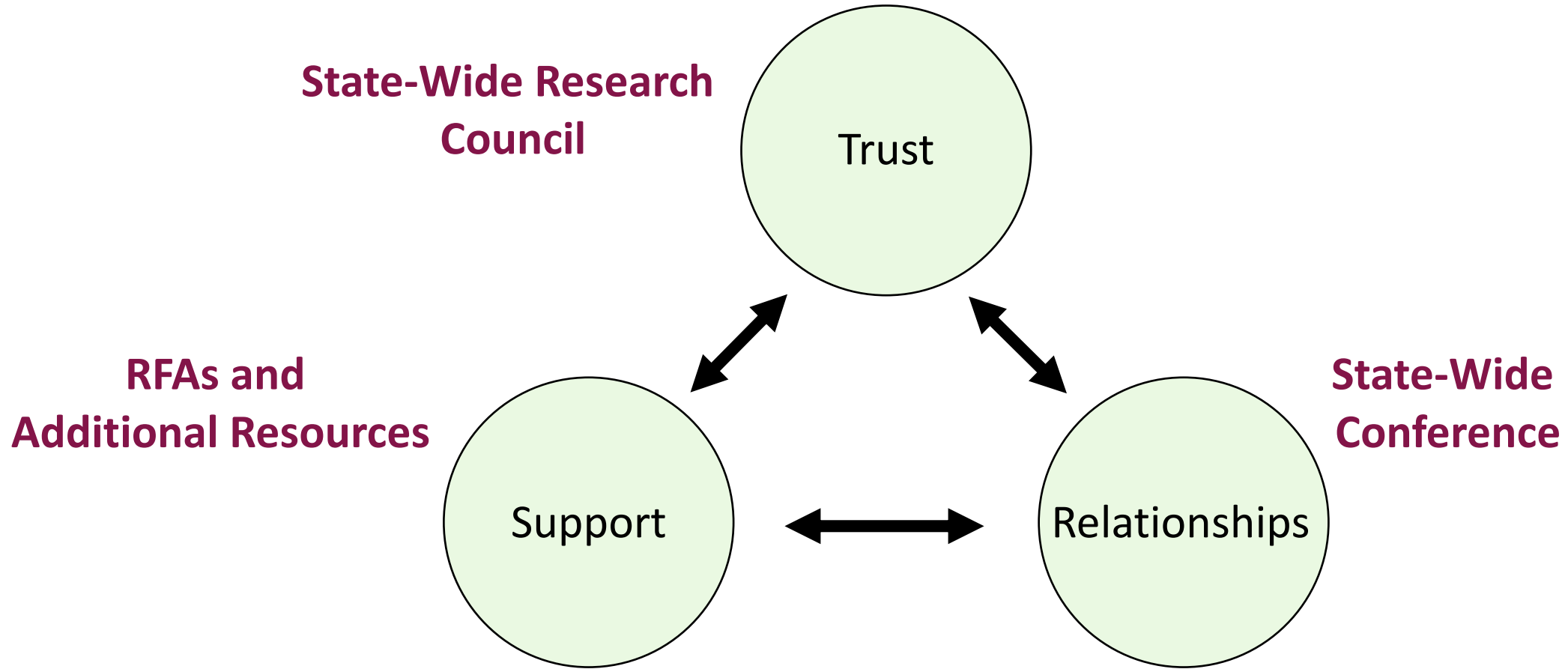
Starting from a singular connection (thread) between UMN and a non-metro health initiative....



...leading to a statewide (and beyond) network of translational research to improve health outcomes.



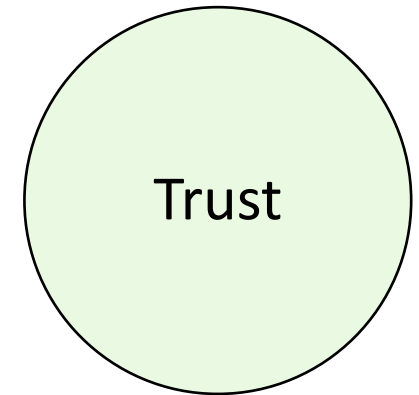
The Tripartite Plan: Foundational Keys for Success





Initiative 1: Creation of a State-Wide Research Council

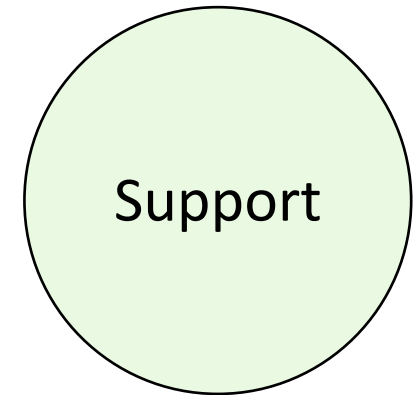
- Help broker relationships, engage rural communities
- Identify needs, priorities, and gaps in knowledge
- Advise and guide early stage projects





Initiative 2: Generation of an RFA to Support Research

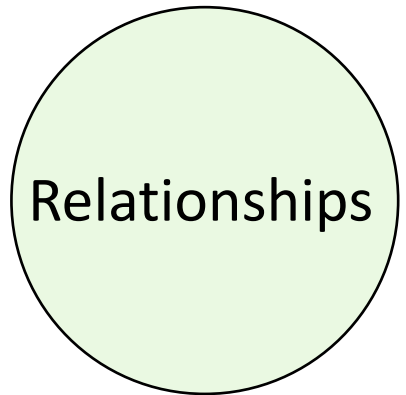
- Support for new or expanding partnerships – Initial Support from OACA
- Needs to be impactful to rural communities
- Training KL2 Slot through Learning Health Systems
- Priorities to include:
 - Opioid/Substance Abuse
 - Access to Health Care
 - Chronic Illness
 - Mental Health

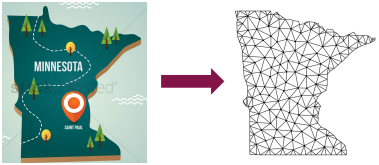




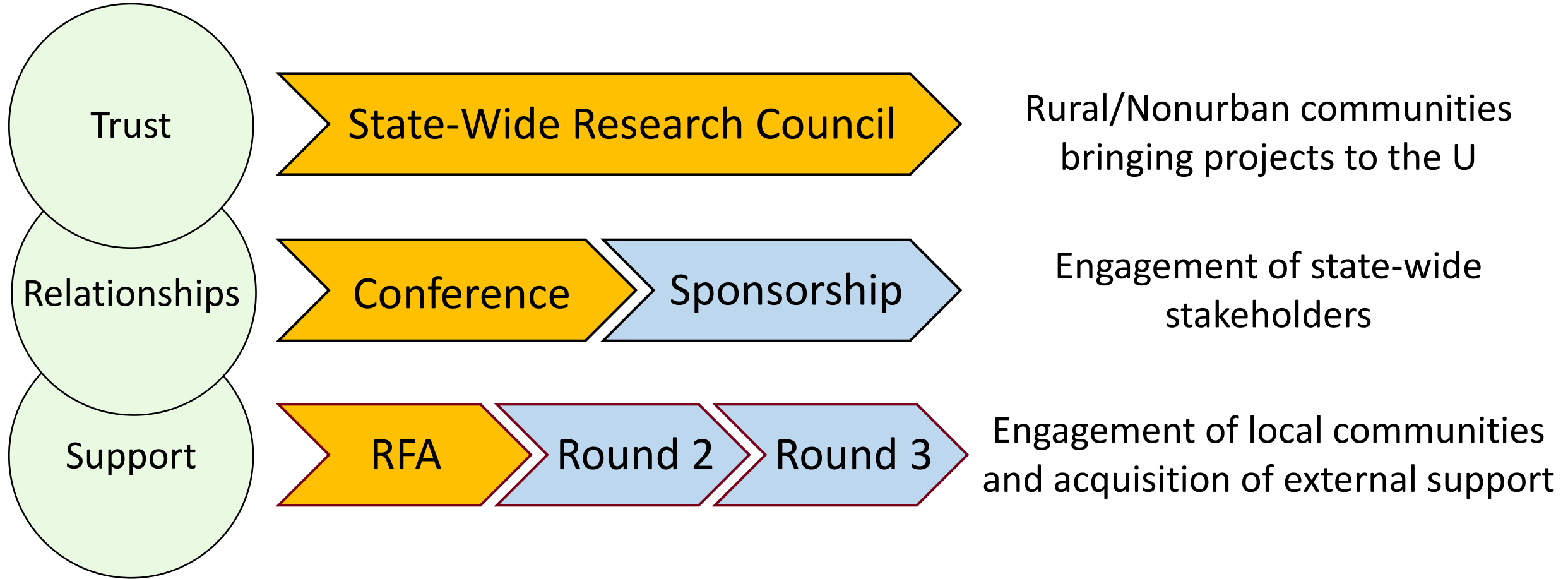
Initiative 3: Hold an Annual State-Wide Research Conference

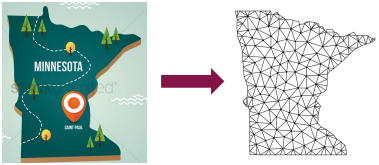
- Start as a satellite conference to the existing annual MN Rural Health Conference that is research focused
- Presentations will be from RFA awardees and other existing rural/urban research collaborations



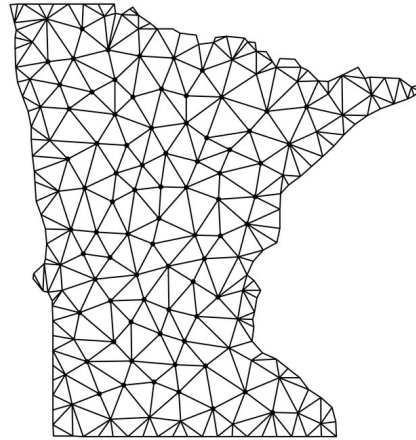


Metrics for Success

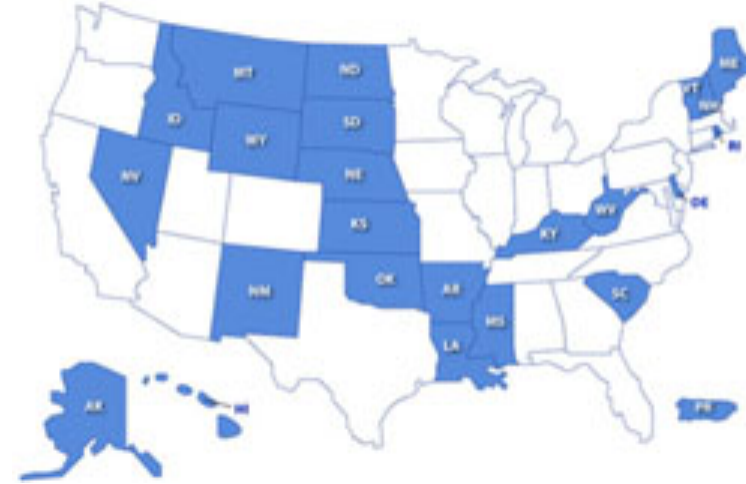




Moving Beyond Minnesota



Institute Development Award (IDeA) states



Projects are foundational basis for UMN application for CTSI-driven institutional development award, partnership grants

NCATS: Congressional mandate for rural health – financial supplements are expected to be announced

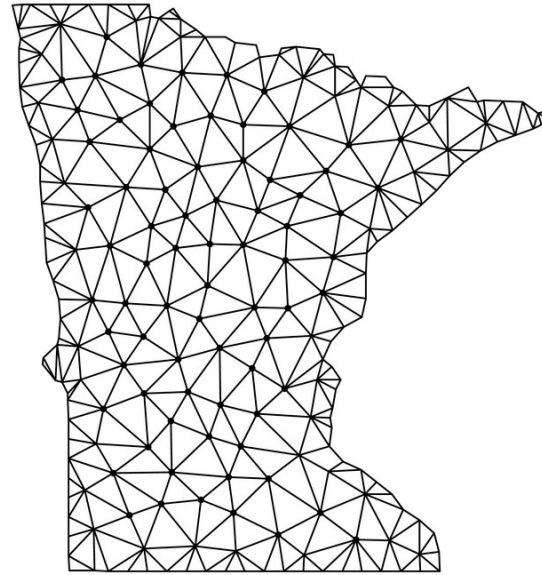
Values of this Initiative

- 1) Expand scientific agenda, inquiry, expertise, and participation in health research by rural communities
- 2) Generate a scientific return on investment, in terms of expanded NIH research funding
- 3) Broaden UMN Land Grant mission in a timely way that addresses health needs of rural Minnesotans and health care delivery
- 4) Establish and reinforce long-lasting sustainable relationships that help improve health services and outcomes for all Minnesotans

MN-THREADs Will Additionally Provide:

Tangible Improvements in
Health for All
Minnesotans

Engagement with
Community Leaders



A Mechanism for Existing
Programs (e.g. SIREN, ECHO)
to Collaborate

Increase Our
National Presence in
Rural Health

Thank You for Your Attention

Q&A with Trekkers:

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