Vibrant Communities

MINNESOTA

communities are facing complex challenges that will shape quality of life and economic prosperity for decades Serious environmental and health consequences must be addressed to extract copper, nickel, and platinum-group deposits

WE'RE PROVIDING RESEARCH SOLUTIONS TO STRENGTHEN COMMUNITIES THROUGHOUT MINNESOTA. Ore deposits in the Duluth Complex offer \$100s of billions in ECONOMIC OPPORTUNITY

Population shifts, more diverse communities, and changing workforce needs present critical challenges in education, transportation, and community health Vibrant communities are essential to draw employers, ensure a high-quality workforce, and keep our state economically competitive. The University of Minnesota is working to build public-private partnerships to provide research solutions to critical problems and prepare future leaders attuned to the needs of our state's industry and communities.



Vibrant Communities

Strategies

- Recruit top researchers in areas critical to Minnesota's vitality
- Develop undergraduate learning experiences in communities throughout Minnesota
- Provide fellowships and research grants for graduate students working on Minnesota community issues
- Advance research to improve the economic and environmental sustainability of mineral extraction
- Develop a public, searchable mining repository to support coordinated research and open communication with citizens
- Create a center to bolster the U of M's mining-related work in policy areas such as health, safety, and economic impact

Request

FY16: \$3.5 million FY17: 9 million **Biennial total: \$12.5 million**

Benefits

- Thriving communities that are national models of economic prosperity and research driven success
- Improved quality of life for all Minnesotans
- Environmentally and economically sound mining
- Community based service learning that better prepares students to tackle big challenges
- · New jobs and improved health and safety conditions.
- New public-private partnerships to drive innovation and policy solutions for Minnesota's long-term vitality



The Regional Sustainable Development Partnerships (RSDP) connect greater Minnesota communities to the University of Minnesota in order to help solve problems and take advantage of new opportunities.



Youth across Minnesota are engaging in 4-H in new and vibrant ways.