

**Centers of Excellence Proposal Summaries
Sixth Round of Funding**

**Commission-Recommended Proposal
May 19, 2010**

Minot State University – Geriatric Research Center

Amount Recommended: \$500,000

Amount of Match: \$1,000,000

Proposed Private Sector Partners: Trinity Health

Proposed Job Creation: 50-75

Summary: Minot State University and Trinity Health will establish a Geriatric Research Center of Excellence. Through this Center, teams of MSU faculty/students and Trinity Health professionals will investigate geriatric health-related issues, seeking solutions to problems and identifying best practices in health care for this growing population in our region. Innovations developed from this research will spawn employment opportunities and possible business ventures. Center research will be multidisciplinary, studying geriatric health care from a holistic approach. Cognitive, behavioral (including communication and social welfare), and physical health will be investigated. Current geriatric health-related services provided through both MSU and Trinity Health will serve as the venues for many of the research projects. Examples of potential projects include a study of the effects of multiple medications commonly prescribed to seniors, a study of the medical and behavioral health concerns of rural elderly and how to improve their quality of life, and research into the best ways to rehabilitate the disabled to perform normal household functions following illness, stroke or surgery.

Executive Summary (limited to one page)

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The Center will be located on the MiSU campus. A full-time director, well versed in gerontology issues and research, will be hired to coordinate Center activities. Faculty from various disciplines will be granted release time to participate with their counterparts from Trinity Health, and faculty will engage both undergraduate and graduate students in the evidenced-based research projects.

The outcomes and long-term role of this multidimensional Center will be to discover and implement new and improved services and products based on research findings. Trinity Health will be guided by these findings to improve existing services or create new services benefiting the large and ever-growing geriatric population in the state and region. Trinity Health anticipates hiring new staff and developing valued-added services for this age group. The collaborative research of the Center will also result in increased economic development in the creation of new jobs and new services. The collaborative effort between a university and a health care facility will make the Center eligible for a variety of local, state, and federal grants to support ongoing research.

MSU/Trinity Health Geriatric Research Center of Excellence

	Year 1	Year 2	Year 3	Year 4
Item	Expense	Expense	Expense	Expense
Salaries				
Center Director/Office Manager will have administrative responsibility for all Center activities and will serve as grant PI, with a base salary of \$55,000. (MSU assumes a 5% increase per year)	\$55,000	\$57,750	\$60,638	\$63,669
Administrative Assistant will assist the Center Director and provide clerical support for the Center with a base salary of \$25,000 for 12 months. (MSU assumes a 5% increase per year)	\$25,000	\$26,250	\$27,563	\$28,941
Fringe (MSU's annual rate for staff is 41.19%)	\$32,952	\$34,600	\$36,330	\$38,146
Total Personnel Costs	\$112,952	\$118,600	\$124,530	\$130,756
Other Costs				
Faculty release time (MSU faculty in health-related disciplines will be provided release from their regular duties in order to lead and participate in research studies. Funds will be used to 'buyout' a portion of faculty contracts and the savings of appropriated funds will be used to hire adjunct faculty to fill the released portion of the contracts. Using \$3,000 avg to cover each release, Year 1 = \$3,000 * 15 faculty * 2 releases; Year 2 = \$3,000 * 15 faculty * 2 releases; Years 3 & 4 = \$3,000 * 20 faculty * 2 releases.)	\$90,000	\$90,000	\$120,000	\$120,000
Undergraduate student wages (Undergraduate students will participate in research projects and be paid a rate of \$8.00 per hour. Several students may work on one research study. Estimated student research hours are Year 1, 1200; Year 2, 2400; Years 3-4, 3600.)	\$9,600	\$19,200	\$28,800	\$28,800
Graduate Student Wages (Graduate students will also participate in the research projects, often as project leaders under the faculty, hired as Graduate Research Assistants at the established campus rate of \$2500 per semester for ten hours per week. Estimated graduate assistants are Year 1, three; Years 2-4, six)	\$7,500	\$15,000	\$15,000	\$15,000
Research Team Project Expenses (Expenses will vary per research project, and will include equipment, rental expenses, supplies, travel and travel related costs, etc.)	\$112,500	\$100,000	\$70,000	\$66,000
Center Office Expenses (Copy machine and two desktop computers in year one as well as paper, printing, daily use items, etc.)	\$17,128	\$11,864	\$6,317	\$6,074
Public Information/Marketing (Funds will be used to promote and educate the public about the Center research and activities. Outreach to other communities and regions may also encourage other health care systems to consider working with the Center.)	\$25,000	\$20,000	\$10,000	\$8,000
Risk Management Fee (MSU pays an annual premium to ND's State Risk Management fund based on salary; rate used is .40%)	\$320	\$336	\$353	\$370
Cash Required Per Year	\$375,000	\$375,000	\$375,000	\$375,000
Total Per Year Match	\$125,000	\$125,000	\$125,000	\$125,000
Total Project Cost Per Year	\$250,000	\$250,000	\$250,000	\$250,000

Total Project Cost Over Four Years	\$1,500,000
Total Request from State	\$500,000
Total Match Required	\$1,000,000