MSU GRAND RAPIDS RESEARCH CENTER
COLLEGE OF HUMAN MEDICINE

EMPOWER EXTRAORDINARY
THE CAMPAIGN for MICHIGAN STATE UNIVERSITY
Collaborating with Medical Partners

“To accelerate the pace of important medical research, we need to have the right kind of space to do the work, a place that is built to use new technologies. Michigan State University and the College of Human Medicine are known for fostering a culture of inclusion. The Grand Rapids Research Center is carefully designed to support collaboration and the sharing of innovative ideas to work on today’s and tomorrow’s health care challenges.”

ARON SOUSA, M.D.
INTERIM DEAN, COLLEGE OF HUMAN MEDICINE
As with polio and small pox, medical research is the key to unlocking the mysteries of highly debilitating conditions or diseases affecting our health. The Michigan State University College of Human Medicine (MSU CHM) is making a major investment to accelerate the discovery of cures and uncover better disease management for several major health issues facing us today. The $40 million campaign for the MSU College of Human Medicine Grand Rapids Research Center (MSU GRRC) is at the heart of these efforts.

When completed, the MSU Grand Rapids Research Center will firmly establish Grand Rapids as a leader in biomedical research, offering transformative treatments and better ways to manage disease for patients, families and communities. The MSU GRRC will be a magnet for research investment, innovation, and an economic driver for the region.

In the past five years, the MSU College of Human Medicine has strengthened its research capacity, creating national centers of excellence in women's health and Parkinson's disease. We have recruited exceptional researchers in these areas who bring extraordinary opportunities for collaboration with our world-class research faculty and colleagues around the globe. This dynamic culture positions MSU to contribute to innovative discoveries that address health issues affecting so many of us today.

This increased research capacity has created a pressing need for expanding our facilities to accommodate new research strengths at MSU in neurodegenerative diseases such as Parkinson's and Alzheimer's, major women's health problems such as ovarian cancer and endometriosis, childhood developmental problems such as autism and other conditions. Collaborative research space is needed to allow our teams of researchers to do this important work in new ways.

It is our hope that with additional private support, this work will lead to innovations in treatment for many patients and families facing these challenges.
What is **Biomedical Research?**

Biomedical research is the broad area of science that involves the investigation of the causes of disease. Scientists expand this knowledge base to discover ways to prevent diseases, and to discover treatments and the underlying causes of illness and death. Biomedical research requires the input and participation of many individuals with different backgrounds and skills. Research teams often include medical doctors, computer scientists, engineers, technicians, researchers and a variety of scientists from the different fields of the life sciences.
The **Opportunity for Research Partnership**

As a world-class research university, MSU is recognized for its scientific expertise in a number of critical areas relating to human health. We are committed to strengthening these areas by investing in the recruitment of exceptional researchers who are leaders in their fields, many of whom bring federal funding with them from National Institutes of Health, Center for Disease Control, and other funding sources. In order to attract these investigators, we need a research facility that enables research teams who work collaboratively.

The MSU GRRC will contain labs for both basic and applied sciences. The research center will be designed to encourage scientists and physicians to meet informally to share ideas. The laboratory areas will use an open modular design with partial walls and moveable benches to support casual meetings and provide flexibility as needs change. The MSU GRRC provides this environment and will complement and support the existing Grand Rapids medical community. The $88.1 million MSU GRRC will add 160,000 square feet of high-quality biomedical space that will be very attractive to potential researchers at MSU CHM. Our philanthropy goal is $40 million.

We ask you to join us and work to improve the quality of life for patients and families around the globe, while enhancing the clinical excellence and economic power of the West Michigan community.

**OUR FUNDING GOAL FOR MSU GRRC IS $40 MILLION.**
Clinical Research
Health Care Impact

The MSU Grand Rapids Research Center will create the interactive spaces necessary to support world-class research teams who will dramatically advance medical research.

- MSU GRRC research teams will advance medical research in Parkinson’s and Alzheimer’s, women’s health, autism, and other areas that will impact health care options for people around the world.

- Discoveries made at MSU GRRC will lead to new therapies and potential cures for diseases and conditions faced by millions of people.

- At the gateway to the Medical Mile, the MSU GRRC will enhance the reputation of Grand Rapids as a bioscience hub regionally, nationally and globally, and will attract additional world-class scientists from around the world to live in and contribute to our community.
The MSU GRRC will provide an additional high-level medical research facility in Grand Rapids to enhance existing collaborations with Spectrum Health, Mercy Health Saint Mary’s and the Van Andel Institute.

MSU will establish core laboratories for advanced microscopy, bioinformatics and analytic instrumentation, which will be used by researchers across the region. These labs will be available to scientists for research, data analysis and consultations.

The MSU GRRC is a symbol of Big Ten-level research in the Grand Rapids community. As a member of the Big Ten Committee for International Cooperation (CIC), MSU serves as a major partner and significant contributor to this critical biomedical research effort. Currently, the CIC is collectively responsible for more than $10.2 billion in conducted research, which is far greater than the Ivy League’s collective $4.2 billion.
THE MSU GRRRC, TOGETHER WITH THE MSU COLLEGE OF HUMAN MEDICINE, WILL BE A MAGNET FOR RESEARCH INVESTMENT, INNOVATION, AND AN ECONOMIC DRIVER FOR THE REGION.
The economic impact of the MSU GRRC on the West Michigan community is significant. Jobs creation adds to overall growth for West Michigan.

- The MSU GRRC will add 400+ jobs to the economy.
- The MSU GRRC will generate $28 million in annual spending, enhancing the Grand Rapids economy.
- The success of the fundraising for this building, as well as the research conducted within the building itself, will have a direct impact on MSU CHM's ability to recruit a nationally prominent dean for the college. The community recognizes the importance of the dean as a key opinion leader in West Michigan.

We will all benefit from an investment in MSU medical research but no one more than patients and their families.

― Anderson Economic Group report, June 2015
Join MSU and Grand Rapids in leveraging the immense potential of the Medical Mile and partner with us in creating the MSU College of Human Medicine’s Grand Rapids Research Center, where cures and treatments can boldly be chased.

Your gifts to help us build this center will be used to develop scientific labs, provide research opportunities for medical students and conduct science outreach activities in the region.

The MSU College of Human Medicine Grand Rapids Research Center brings together the best in medical education, research, and new technologies for extraordinary discovery—all in Grand Rapids.
College of Human Medicine Department of Translational Science and Molecular Medicine faculty and students are making discoveries about neurological diseases.