

# MICHIGAN STATE UNIVERSITY

East Lansing 48824

[www.msu.edu](http://www.msu.edu)



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## Michigan State University

For more than 150 years, Michigan State University has been working to advance the common good in uncommon ways. MSU was founded in 1855 as a bold experiment that democratized higher education, offering qualified applicants an education that was both liberal and practical. The nation's first institution of higher learning to teach scientific agriculture, MSU was the prototype for the 69 land-grant institutions established under the Morrill Act of 1862. The original 677-acre campus in East Lansing has grown to nearly 5,200 acres, with 2,100 acres in existing or planned development, and MSU has 15,000 acres throughout Michigan that are used for agricultural, animal, and forestry research.

### **Academics**

One of the top research universities in the world and a member of the Association of American Universities, MSU offers nationally ranked and recognized academic, residential-college, and service-learning programs and leads the nation in study abroad among public universities. A diverse and inclusive academic community, in fall 2011 MSU enrolled more than 47,000 students from across the United States and more than 130 other countries, engaged more than 4,900 faculty and academic staff members, and offered more than 200 programs of study, including more than 120 doctoral fields, in 17 degree-granting colleges.

MSU claims the largest single-campus residence hall system in the country, and academic life is enhanced through a powerful network of close-knit campus communities and inclusive initiatives — including more than 600 student organizations. Some 442,000 alumni are using their MSU education to advance knowledge and transform lives worldwide.

Among other distinctions, MSU ranks 34th among America's public universities, according to *U.S. News & World Report* 2011 rankings, with its graduate programs in elementary and secondary education ranking No. 1 in the nation for 17 years in a row. Its graduate programs in nuclear physics and organizational psychology also rank No. 1. MSU has been recognized for 8 consecutive years as one of the top 100 universities in the world by Shanghai Jiao Tong University's 2010 Academic Ranking of World Universities.

A national leader in study abroad participation among public universities for 6 consecutive years, according to the Institute of International Education's Open Doors report, MSU has nearly 1,500 faculty members involved in international research, teaching, and service in more than 175 countries.

Michigan State is the only university in the country with 3 on-campus medical schools, graduating allopathic (MD) and osteopathic (DO) physicians, as well as veterinarians (DVMs). Community campuses across the state accommodate other MSU medical students while new physicians are trained in partnership with hospitals across Michigan. Skilled health care providers also are trained in the MSU College of Nursing.

### **Research**

Working side by side in communities from Michigan to Malawi, MSU's research focuses on solving the world's most pressing problems. Research dollars and other grants totaled \$495 million in 2009-2010. MSU's research excellence and impact are exemplified by its selection in 2009 by the U.S. Department of Energy to design and establish the Facility for Rare Isotope Beams — a \$600 million facility that will advance understanding of rare nuclear isotopes to fuel breakthrough applications as it provides research opportunities for scientists and students from around the world.

Among recent pioneering research projects, MSU is creating disease-resistant fruits and vegetables that help feed the world; improving the nation's and the world's alternative energy future through research on multiple fronts, including thermoelectric energy conversion, biofuels development, and battery storage technology; preparing a new generation of urban educators who will make a positive impact on individuals and families in southeast Michigan and beyond for years to come; and empowering the world's poorest by partnering to grow crops that slow climate change while also increasing economic opportunity.

Through its participation in the U.S. Department of Energy-funded Great Lakes Bioenergy Research Center, MSU is conducting transformational biofuels research. Its \$10 million Energy and Automotive Research Laboratories complex is seeking environmentally responsible and economical ways to power transportation and industry. MSU's Kellogg Biological Station in Hickory Corners has served as a site for integrated research in agriculture, natural resource conservation, and ecology since the 1920s.

In addition, MSU's AgBioResearch network (formerly the Michigan Agricultural Experiment Station, founded in 1888) conducts research specifically benefiting Michigan agriculture, natural resources, and local communities in laboratories and farm research plots on MSU's East Lansing campus and at research stations across the Upper and Lower Peninsulas of Michigan.

**Engagement and economic impact**

MSU is a key player in the University Research Corridor (URC) — a partnership with the University of Michigan and Wayne State University — that is rising among the nation's top research and development clusters for producing patents, businesses, and graduates with high-tech-related degrees. The URC injected more than \$14.8 billion into Michigan's economy in fiscal year 2009, and research spending by the partner institutions grew to \$1.48 billion.

MSU's Office of Biobased Technologies seeks to integrate innovations in the lab with advances in the marketplace to enhance the economy, the environment, and the quality of life in Michigan and around the globe, and MSU Technologies encourages innovation, enhances research, and facilitates economic development through protecting and commercializing the university's intellectual property. MSU Business-CONNECT works with companies to align business goals with MSU's intellectual capacity and ability to deliver, drawing on MSU's extensive base of human knowledge and source materials, high-end scientific equipment and facilities, and invaluable international connections and educational services. Additional MSU initiatives include University Outreach and Engagement, which connects faculty with external audiences to address community issues.

In addition, Michigan State University Extension, founded in 1914, provides research-based educational programming — focused on agriculture and natural resources; children, youth and families; and community and economic development — to citizens in all 83 Michigan counties.

Key to MSU's cultural outreach are the Wharton Center for Performing Arts, a regional center for music and theater offerings; the Breslin Student Events Center, home of Spartan basketball; the MSU Libraries system, which houses more than 4.5 million volumes; WKAR-TV and the WKAR-AM and WKAR-FM radio stations; 6 public gardens, including Beal Botanical Garden, the oldest continuously operated garden teaching facility on a college campus in the nation; the MSU Museum, one of the state's largest public museums of natural and cultural history; and Abrams Planetarium, which offers programming with a Digistar computer-graphics projector. The Eli and Edyth Broad Art Museum, designed by world-renowned architect Zaha Hadid, is expected to open on campus in 2012.

	<b>2008</b>	<b>2009</b>	<b>2010</b>
<b>Enrollment (fall head count)</b> . . . . .	46,648	47,278	47,131