

Chapter VII

INSTITUTIONS OF HIGHER EDUCATION



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INTRODUCTION

PUBLIC UNIVERSITIES

Michigan has 15 public 4-year universities located throughout the state. These institutions range from those having large undergraduate, graduate, and professional student populations to one with a student population of just over 3,000. Michigan universities participate in complex academic and research activities, provide undergraduate programs in the liberal arts, and offer specialized areas of studies such as engineering and vocational-technical programs. Together these institutions of higher education offer comprehensive and diverse programs, including adult education, general studies, and professional training in law, medicine, veterinary medicine, optometry, and dentistry. While the diversity of programs at these institutions is great, similar programs within the general liberal arts curriculum are offered at all schools, providing residents with convenient access to nonspecialized educational programs.

Higher education enjoys a relatively autonomous structure in Michigan. The Constitution of 1963, which created the current State Board of Education, authorizes the boards of control of the individual public universities to supervise their respective institutions and to control expenditure of institutional funds. Three of the public 4-year universities are supervised by individual boards of control elected by the voters of Michigan while each remaining public university is governed by a board of control appointed by the governor.

COMMUNITY COLLEGES

Michigan's 28 community colleges provide: 1) higher education opportunities to citizens for whom the cost, location of state universities and private colleges, or academic entrance requirements are barriers to attendance; 2) job training and retraining opportunities, including vocational, avocational, and nondegree courses and programs that may not be offered by other institutions; and 3) services that enhance the economic, cultural, intellectual, and social life of the community.

The Constitution of 1963 provides: "The legislature shall provide by law for the establishment and financial support of public community and junior colleges which shall be supervised and controlled by locally elected boards." This constitutional provision also established an 8-member State Board for Public Community Colleges to advise the State Board of Education in its general supervision and planning for community colleges. The creation and operation of community colleges are governed by Act 331 of 1966.

Students attend classes, either part-time or full-time, at one of Michigan's 28 public community colleges which are located throughout the state. Two colleges are located in the Upper Peninsula, six in the northern Lower Peninsula, and the remaining 20 in southern Michigan. Over 80% of Michigan's 9.8 million citizens live in a community college district.

Although traditionally offering 2-year programs, the Legislature enacted 2012 PA 495 to allow community colleges to grant baccalaureate degrees in cement technology, maritime technology, energy production technology, and the culinary arts. Other curriculum offerings include pre-professional, liberal arts, occupational, and vocational courses responsive to the needs of both the student who will transfer to a 4-year institution and the student who will be directly entering or reentering the labor force.

INDEPENDENT COLLEGES AND UNIVERSITIES

Michigan's independent colleges provide a variety of specialized education opportunities and environments that complement public education offerings. They offer certificate and associate degree programs; church-affiliated programs; baccalaureate programs, including liberal arts and teacher education; and graduate/professional programs leading to postgraduate degrees in many disciplines. Independent colleges are required to offer programs leading to a degree or offer 2 or more years of courses for transfer to a degree-granting Michigan institution of higher education recognized by the state. In addition to traditional course offerings for students, independent colleges provide special programs ranging from weekend courses for professionals to seminars for senior citizens. Special and continuing education courses often are held on weekends, evenings, and early mornings at locations both on and off campus.

Independent colleges and universities are recognized by the State Board of Education when they have been incorporated under Act 327 of 1931. The State Board of Education ensures that the articles of incorporation clearly define the educational activity of the proposed corporation and that specific limits are defined. Any unincorporated nonpublic colleges are also brought under the authority of the State Board of Education to establish minimum requirements for degrees or awards.

CENTRAL MICHIGAN UNIVERSITY

Mt. Pleasant 48859

www.cmich.edu



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GEORGE E. ROSS, President

Central Michigan University

Established in 1892, Central Michigan University was originally founded as a school for teacher and business education. Today, CMU is the fourth largest institution in Michigan and among the 100 largest public universities nationally with a total student enrollment of more than 27,100.

CMU is a \$440 million enterprise and offers more than 200 academic programs at the undergraduate, master's, specialist and doctoral levels. These include nationally recognized programs in entrepreneurship, journalism, music, audiology, teacher education, psychology and physician assistant.

Central Michigan University has offered off-campus degree programs through its Global Campus unit to working adults for more than 40 years. The university operates a network of CMU Learning Centers in 50 locations across North America, including 16 centers and sites across the state of Michigan, as well as online. CMU has awarded degrees through its Global Campus programs to more than 70,000 students since its inception in 1971. Programs are offered at the undergraduate, master's, specialist and doctoral levels, including nondegree certifications. Global Campus online programs are ranked among the best in the country by *U.S. News & World Report*.

CMU is the nation's foremost university authorizer of charter schools with 64 schools educating 33,000 students in grades K-12. CMU's Division I athletics program, a member of the Mid-American Conference, offers 11 intercollegiate sports for women and seven for men.

CMU Public Broadcasting operates five television and eight radio stations with the largest geographic reach of any Public Broadcasting system in the country. CMU also is home to the headquarters of Special Olympics Michigan.

The CMU College of Medicine opened its doors in 2013, becoming the 137th medical school in the country. Working with medical partners across the state, students get the first two years of training on CMU's main campus with years three and four spent at clinical sites.

CMED was established to address a growing shortage of physicians expected to reach 6,000 by 2020. In line with the university's mission of serving the residents and communities of Michigan, medical students are selected to practice in central and northern regions of the state once they graduate.

CMU is accredited by the North Central Association of Colleges and Schools. The academic divisions are:

College of Business Administration. We are in the business of building the leaders and entrepreneurs of tomorrow. Nine of 10 new alumni are employed within three months of graduation.

College of Communication and Fine Arts. Our students and alumni enrich lives through theater, art, dance and music. We are also respected pioneers in public relations, new media, journalism and broadcast communications.

College of Education and Human Services. While our teaching programs are par excellence, we also offer nationally distinguished programs in apparel design, counseling, dietetics, gerontology, recreation and educational leadership.

The Herbert H. and Grace A. Dow College of Health Professions. We are improving the health of our state and nation with nationally ranked programs including physical therapy, audiology, physician assistant and athletic training. Our state-of-the-art facilities include innovative learning spaces, laboratories and an interdisciplinary clinic.

College of Humanities and Social Behavioral Sciences. As CMU's largest college, our graduates are the psychologists, historians, social workers and neuroscientists of tomorrow.

College of Medicine. Our mission: training primary care physicians dedicated to serving the burgeoning health needs of communities in mid- and northern Michigan and other rural areas. Welcoming our inaugural class in summer 2013, we are Michigan's only medical school designed to address the rural shortage of doctors.

College of Science and Technology. The CMU-led Institute of Great Lakes Research is sustaining the world's largest supply of fresh water, while our science, technology, engineering and math programs are preparing professionals for some of the nation's most vital careers.

College of Graduate Studies. CMU offers more than 70 graduate degree programs at the master's, specialist and doctoral levels across all of CMU's colleges. CMU has earned prestigious "Doctoral Research University" status from The Carnegie Foundation.

Global Campus and Online. Accommodating the schedules of working adults, our master's, doctoral and certification programs are taught in more than 50 locations and on 22 military bases across the globe and online. CMU was the first in the nation to offer these distance education opportunities to meet the needs of employers and individuals.

<i>Fall enrollment (fall head count)</i>	<i>2011</i>	<i>2012</i>	<i>2014</i>
On-campus	21,220	20,504	19,958
Off-campus	7,091	7,189	7,211
TOTAL	28,311	27,693	27,069

EASTERN MICHIGAN UNIVERSITY

Ypsilanti 48197
www.emich.edu



BOARD OF REGENTS

	<i>Term expires</i>
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SUSAN W. MARTIN, President

Eastern Michigan University is a doctoral-granting state university located in Ypsilanti. *The Princeton Review* has called Eastern “one of the best colleges in the Midwest, especially for being a great value.” This is Eastern’s 12th consecutive year receiving the honor. EMU has led the state of Michigan in tuition restraint the past 4 years, and was the only public university in Michigan to freeze tuition during the academic year of 2010-2011, a move that was recognized nationally.

Founded in 1849 as Michigan State Normal School, the school was renamed Michigan State Normal College in 1899, Eastern Michigan College in 1956, and Eastern Michigan University in 1959. A constitutionally authorized, governor-appointed Board of Regents has governed Eastern Michigan University since January 1, 1963.

Mission

Eastern Michigan University is committed to excellence in teaching, the extension of knowledge through basic and applied research, and creative and artistic expression. Building on a proud tradition of national leadership in the preparation of teachers, we maximize educational opportunities and personal and professional growth for students from diverse backgrounds through an array of bachelor’s, master’s, and doctoral programs. We provide a student-focused learning environment that positively affects the lives of students and the community. Our commitment extends to the wider community through service initiatives and partnerships, such as Spark East (for start-up businesses), VISION (Volunteers Incorporating Service Into Our Neighborhoods), and the Center for Entrepreneurship, which address local, national, and international opportunities and challenges.

Colleges

The university is comprised of the following colleges: Arts and Sciences, Business, Education, Health and Human Services, and Technology.

Eastern Michigan also offers a Graduate School, the Honors College, the Department of Innovative and Extended Programs, the Centers for Corporate Training, the Jean Noble Parsons Center for Art and Science, and the Eagle Crest Resort and Conference Center.

Undergraduate Programs

Eastern Michigan offers a wide variety of undergraduate programs through its Colleges of Arts and Sciences, Business, Education, Health and Human Services, and Technology.

The **College of Arts and Sciences** plays a key role, along with the College of Education, in a unique national fellowship program that prepares teachers in science, technology, engineering and math. President Barack Obama has called this fellowship, “A model effort to inspire students to excel in math and science.” The college’s diverse departments are natural sciences and mathematics; fine performing arts; social sciences; and humanities. Undergraduate programs include African American studies; art; biology; chemistry; communication, media and theatre arts; computer science; economics; English language and literature; entertainment design and technology; geography and geology; history and philosophy; Jewish studies; mathematics; music and dance; physics and astronomy; political science; psychology; sociology, anthropology and criminology; women’s and gender studies; world languages; and gerontology.

The **College of Business** was named one of the nation’s outstanding business schools by *The Princeton Review* for the tenth consecutive year. The college offers an innovative, cutting-edge curriculum that equips today’s students for tomorrow’s business environment. Many of the programs have an international component, reflective of our global economy.

Undergraduate programs include accounting; accounting information systems; economics; entrepreneurship; finance; general business; international business; management; marketing; supply chain management; and two combined bachelor’s and master’s degree programs that can be completed in 150 credit hours: a bachelor’s in business administration (accounting) and a master of science (accounting) or a bachelor’s in business administration (accounting information systems) and a master of science (accounting).

The **College of Education** is known for its 165-year history of preparing educators. The college prepares educators in elementary education; special education; and in many diverse subject areas at the secondary level. Its teacher preparation programs are consistently rated as exemplary by the Michigan Department of Education.

Teaching programs include early childhood education; elementary education; reading; secondary education (including mathematics, science, English language arts, social studies, world languages, music, visual arts, and physical education); cognitive impairment; emotional impairment; hearing impairment; physical and other health impairments; speech and language impairment; and visual impairment.

The college also prepares educational leaders, counselors and other school professionals to serve the needs of K-12 students, their families and their communities.

The educator preparation programs have a long history and ongoing commitment to excellence in education. For example, EMU has more nationally accredited/recognized education programs than any other institution in Michigan. EMU's educator preparation programs have been continuously accredited by the National Council for the Accreditation of Teacher Education (NCATE) since the organization's inception in 1954.

Post Baccalaureate Teacher Certification

Post baccalaureate study is offered in music therapy and in teacher preparation in health education for grades 6-12. Post baccalaureate study is also offered at both the elementary and secondary levels for persons with a bachelor's degree. Students can pursue regular elementary or secondary certification through a post-baccalaureate certification-only route, or if they choose special education, can complete part of a master's degree en route to initial teacher certification.

Eastern Michigan is one of 6 Michigan public universities chosen to participate in the W.K. Kellogg Foundation's Woodrow Wilson Teaching Fellowship program. This innovative preparation program offers a \$30,000 Fellowship to cohorts of 15 recent college graduates and career changers who have mathematics and/or science backgrounds and show promise as future teachers. The fellowship offers disciplinary and pedagogical preparation, clinical experience and mentoring. As part of their commitment to ensuring the success of students in high-need Michigan secondary schools, fellows teach for at least 3 years in urban or rural Michigan school districts.

The **College of Health and Human Services** seeks to partner with communities to prepare caring and competent professionals, generate knowledge, and advocate for social justice in order to enhance quality of life, health, and well being. The college is noted for its comprehensive undergraduate programs, ranging from nursing, occupational therapy, and dietetics to exercise science. Faculty members are involved in such innovative programs as researching the latest in orthotics and prosthetics; improving services for mental health; the Healthy Asian American Project for breast cancer awareness among immigrants; and effective ways of helping children and youth cope with trauma and loss.

Majors include athletic training; dietetics; exercise science; health administration; medical laboratory science; occupational therapy (combined bachelor's — master's degree); physical education; sports management; therapeutic recreation; nursing — bachelor of science (BSN); an RN-BSN completion program; and social work.

The **College of Technology** prepares students for today's hottest careers, offering degrees that put students at the forefront of today's technological advances. Programs offer the combination of science, engineering, business, design and other knowledge, along with technical hands-on skills. Programs include science and engineering technology; design; communication technology; computer technology; management and technology education; and military science.

Specialty programs include apparel, textiles and merchandising; applied technology; aviation flight/management technology; hotel and restaurant management; information assurance; industrial distribution; legal assistant; simulation animation and gaming; technology management; and polymers and coatings technology. This college houses the Center for Product Research and Development; the Center for Regional and National Security; the Coatings and Research Institute; and the Textile Research and Training Institute.

Graduate Programs

The **College of Arts and Sciences** offers the following master's programs: art; biology; chemistry; communication, media and theatre arts; computer science; economics; English language and literature; geography and geology; historic preservation; history; mathematics; music; physics; psychology; public administration; sociology; criminology; women's and gender studies; and world languages.

Graduate certificates: African American studies; artificial intelligence; medical economics; language technology; teaching of writing; technical communications; geographic information systems for educators; geographic information systems for professionals; historic preservation; water resources; general public management; local government management; management of public healthcare services; nonprofit management; public budget management; public land planning and development management; public personnel management; public policy analysis; women's and gender studies; Hispanic language and cultures; German for business practices; Japanese business practices; Japanese language teaching; gerontology; dementia; and teaching English to speakers of other languages.

The **College of Business** offers a master's degree in accounting; accounting 150-hour program (combined bachelor's — master's); accounting information systems 150-hour program (combined bachelor's — master's); human resource and organizational development; computer information systems; integrated marketing communications (online); and a master of business administration with 9 program specializations.

Graduate certificates: business administration; computer information systems; E-business; entrepreneurship; finance; human resource management; information technology governance; international business; management; marketing management; organizational development; strategic quality management; supply chain management.

The **College of Education** offers master's degrees in speech pathology; counseling (community, school, and college); curriculum and instruction (elementary, middle level, secondary, and urban/diversity education); early childhood education; educational media and technology; educational psychology; reading; social foundations of education; autism spectrum disorders; cognitive impairment; emotional impairment; hearing impairment; learning disabilities; physical and other health impairments; speech and language impairment; visual impairment; educational leadership (K-12, higher education — administration, and higher education — student affairs).

Graduate certificates: academic advising; helping interventions in a multicultural society; community college leadership; educational assessment; educational media and technology; post-secondary planning specialist; and urban/diversity education.

Post-master's certificates: school counselor licensure; K-12 basic administration; and central office/superintendent endorsement.

Specialist's degrees: educational leadership; special education — special education administration or curriculum development.

The **College of Health and Human Services** offers master's degrees in clinical research administration; health administration; health education; orthotics and prosthetics; physical education pedagogy; physical education: interdisciplinary adapted education; sports management; exercise physiology; occupational therapy; occupational therapy (combined bachelor's — master's degree); human nutrition; dietetics; nursing; and social work.

Graduate certificates: orthotics and prosthetics; clinical research administration; health administration; teaching in health care systems; community building; quality improvement in health care; and health informatics.

The **College of Technology's** master's programs include apparel, textiles and merchandising; computer-aided engineering; construction management; engineering management; hotel and restaurant management; interior design; polymers and coatings; quality management. The technology studies program has concentration in technology management; information assurance; public safety and emergency management; and career technical workforce education.

Graduate certificates: digital investigations; hotel and restaurant management; information assurance; network security; coatings technology; construction or sustainable construction; and quality.

Doctoral Programs

Eastern Michigan University offers a Doctor of Education (Ed.D.) in educational leadership; a Ph.D. in clinical psychology; a Ph.D. in technology; and a Ph.D. in educational studies with concentrations in urban education or nursing education.

Location

Eastern Michigan University is located in the city of Ypsilanti, in southeastern Michigan. The campus comprises more than 800 acres, which includes the College of Business (in downtown Ypsilanti), the Eagle Crest Resort and Conference Center (with an 18-hole championship golf course); the Kresge Environmental Education Center near Lapeer, and the Jean Noble Parsons Center for the Study of Art and Science near Traverse City and Interlochen.

Eastern opened an 181,000-square-foot student center in 2006, and completed a \$42-million renovation of its Pray-Harold classroom building, the largest classroom building on campus, in 2011. The new Science Complex addition and renovations, which were completed in 2011 and 2012 respectively, help meet the critical need for teachers in science, technology, engineering and math. The \$90-million renovation and expansion project was the largest single construction project in the university's history. Among its additions is a planetarium that is open to faculty, students and the community.

Housing

More than 4,000 students live in Eastern’s residence halls and apartments. Residence halls also are used in the summer months to host conference guests and youth camps as well as students enrolled in the summer semester.

Department of Innovative and Extended Programs

Eastern Michigan University’s Department of Innovative and Extended Programs offers degrees, programs, and credit and noncredit courses at 9 sites throughout Michigan. The sites are located in: Brighton, Detroit, Jackson, Livonia, Monroe, Up North (Traverse City), Kresge Environmental Center near Lapeer, Jean Noble Parsons Center for the Study of Art and Science, near Traverse City and Interlochen, and Washtenaw County (main campus and surrounding area).

Delivery methods include off-campus sites, on-campus weekend courses, and online courses. Educational programs are also offered through academic and nonacademic conferences, lecture series, and training and certification programs.

<i>Credit Enrollment (fall head count)</i>	2012	2013	2014
	23,547	23,477	22,430

FERRIS STATE UNIVERSITY

Big Rapids 49307

www.ferris.edu



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DAVID L. EISLER, President

About Ferris State University

Ferris State University is a public university with an 880-acre main campus in Big Rapids that enrolled 14,600 students in the fall of 2014. Ferris also has a vibrant state-wide presence with 21 satellite and off-campus sites throughout Michigan. Ferris attracts students from every county in Michigan, the majority of whom remain in the state after graduating.

Founded in 1884, Ferris is distinguished by its strong heritage of opportunity and focus on providing a professional education that links theory to practice. Ferris offers more than 180 programs, ranging from associate to doctoral degrees, through eight degree-granting academic colleges: Allied Health Sciences, Arts and Sciences, Business, Education and Human Services, Engineering Technology, Kendall College of Art and Design, Michigan College of Optometry, and Pharmacy.

Many of Ferris’ offerings are tailored to prepare students for careers aligned with occupations experiencing a shortage of skilled workers. A large number of these are professions requiring expertise in the STEM areas of Science, Technology, Engineering and Mathematics, including computer science and digital animation and game design. Ferris also has strong programs in business, finance and management; social services; education and training; protective services; and construction, production, and repair. Additionally, Ferris offers a range of degrees in healthcare, including nursing, optometry and pharmacy.

Ferris has the fewest number of classes with 50 or more students among Michigan’s 15 public universities. This gives students more direct contact with faculty, more hands-on learning and experimentation, and greater engagement. More than 50 percent of Ferris classes have fewer than 20 students, and the student-to-faculty ratio is 16-to-1. Full-time tenure-track faculty members with experience in their respective fields teach the majority of classes, providing real-world relevance. Ferris also is committed to creating an environment in which learning and collaboration take place both inside and outside of the classroom.

Ferris has partnered with Michigan community colleges to create a network of locations where students can learn where they live. The university’s online programs also offer students flexibility in completing their degrees, which can be especially helpful to non-traditional students already employed, and professionals looking to upgrade their skills. Ferris has become a transfer school of choice for students, facilitating expansion of their first two years of study at off-campus sites into four-year university degrees. Ferris enrolls its largest number of off-campus students at the Applied Technology Center through its partnership with Grand Rapids Community College.

Ferris State University has several new facilities, such as the state-of-the-art Michigan College of Optometry building and completely renovated University Center, both situated on the main campus in Big Rapids, as well as a facility on Grand Rapids’ Medical Mile for third- and fourth-year Pharmacy students. Also in Grand Rapids, the university has transformed the historically important Federal Building into the Woodbridge N. Ferris building, serving students in its Kendall College of Art and Design. Other recently upgraded facilities in Ferris’ popular Rock Café, the Ferris Library for Information, Technology and Education, and the Granger Center for Heating Ventilation Air Conditioning and Refrigeration, and the University Center.

Ferris is the only university in Michigan named after its founders, Woodbridge Nathan Ferris (two-term Michigan governor and United States senator) and Helen Gillespie Ferris. Founded as the privately owned Big Rapids Industrial School, Ferris became a state institution in 1950, undergoing several name changes before becoming Ferris State University in 1987. The Ferris’ founding philosophy of a practical, hands-on approach to education that enables students to learn practical skills for new jobs in a changing world still resonates today.

<i>Credit Enrollment (fall head count)</i>	2012	2013	2014
On-campus	14,533	14,707	14,600
Off-campus	2,203	2,193	2,222
Online	830	896	983

GRAND VALLEY STATE UNIVERSITY

Grand Rapids/Allendale 49401

www.gvsu.edu



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DAVID L. WAY, DeWitt	Dec. 31, 2016
KATE PEW WOLTERS, Grand Rapids	Dec. 31, 2016

THOMAS J. HAAS, President

Grand Valley State University was founded in 1960 to bring higher education to the state's second-largest metropolitan area – the diversified business and industrial region that includes Kent, Muskegon and Ottawa counties. Fully accredited, it serves the region from its 1,322-acre main campus in Allendale, its downtown Grand Rapids campus, a campus in Holland, and centers in Muskegon and Traverse City. Students come to Grand Valley from all of Michigan's 83 counties. While 95 percent of students come from Michigan, they also come to Grand Valley from 45 states and 78 foreign countries, including Africa, Asia, Australia, Central and South America, the Middle East and Europe. Of recent graduates, nearly 90 percent are employed or pursuing advanced degrees. Of the recent graduates who are employed, more than 86 percent are working in Michigan communities.

Grand Valley grew slowly until about 1988, when it saw the beginning of very rapid growth, both in its popularity and stature. Enrollment has doubled since 1988 and is now 25,094. The academic profile of entering students puts Grand Valley among the top universities in the state. For the 19th year in a row, Grand Valley was named one of America's 100 Best College Buys by Institutional Research and Evaluation, Inc., a Best Midwestern College by *The Princeton Review*, one of America's Best Colleges by *U.S. News & World Report*, a Best Value for Tuition Dollar by the *Kaplan/Newsweek College Catalog*, one of the "most wired campuses" by *WIRED* magazine, and one of the country's greenest universities by Sierra Club, the highest ranking Michigan institution on the list. Grand Valley was also listed by the *Princeton Review* as one of the most environmentally responsible colleges in the U.S.A. and Canada for the fifth year in a row. Grand Valley was named a "Best for Vets" college by the national news outlet *Military Times*. Grand Valley has campus chapters of 15 national honor societies.

To be transparent to the public, in 2007 the university produced the first of its annual Accountability Reports which can be viewed at www.gvsu.edu/accountability. The Accountability Report provides a public review of the university's academic and economic performances, including the proper use of resources, and demonstrates the university's ability to educate successful students in the state of Michigan. The project has earned national attention for transparency and value, and was featured in the magazine of the Council for Advancement and Support of Education as a model for other institutions. A version of it is now used by the Michigan Legislature to measure performance of all 15 state-supported universities.

A **liberal arts emphasis** teaches students critical thinking and problem resolution; an emphasis on diversity, sustainability and community teaches students a range of thoughtful perspectives necessary for open inquiry. As an institution committed to teaching excellence, Grand Valley emphasizes personalized instruction, bolstered by relatively small classes — taught by faculty members rather than graduate teaching assistants. Grand Valley has 1,146 full-time faculty members and 15.7 percent are people of color. More than 90 percent of its tenured faculty have earned a doctorate or other terminal degree. Access to the libraries' collection of 1,710,000+ total volumes and more than 1,060,000 electronic journals and books is provided online from each campus and center, or from one's home or office computer. The libraries have employed the first commercial adoption worldwide of a web discovery service.

A focus on **international education** is reflected in foreign exchange and foreign study programs. More than 700 students took part in study abroad programs in 2013-2014. Grand Valley sponsors a variety of programs in China, Egypt, El Salvador, Australia, Ghana, Hungary, India, Ireland, Italy, Jordan, Mexico, Nicaragua, Netherlands, Norway, South Africa, Thailand, Turkey, Sweden, Poland, England, Taiwan, Japan, France, Germany, Spain, Mexico, and Russia.

Approximately 7,000 GVSU students annually participate in **internships** in business, industry, government, schools, hospitals, and public agencies — blending theoretical knowledge with practical applications. The undergraduate Bachelor of Science in Engineering program includes a cooperative education component that provides for at least 12 months of on-the-job experience before the degree is granted, and the College of Education requires 18 credit hours of in-class experience combined with a degree in a subject matter content area. Additionally, some 1.25 million community service hours were performed by students.

Grand Valley consistently ranks as one of Michigan's top schools in the percentage of accounting graduates who pass the C.P.A. exams at the first sitting. The Association to Advance Collegiate Schools of Business, AACSB International, the major accrediting body for business education, accredits the Seidman College of Business and the Accounting and Taxation Department. Of the 1,200 business schools in the United States, only 396 have earned AACSB accreditation and only 159 accounting departments are accredited. Seidman College of Business is named one of the Best 301 Business Schools by *The Princeton Review*.

Thirty-two graduate programs include master's degrees in accounting, biology, business administration, communications, computer information systems, criminal justice, education, engineering, English, health administration, nursing, occupational therapy, physician assistant studies, public administration, social work, special education, speech-language pathology, taxation, and in Fall 2015 will offer a M.S. in medical dosimetry, the only school in Michigan to offer this program. Grand Valley also offers the Clinical Doctorate in Physical Therapy program, a Doctor of Nursing Practice degree, and an Educational Specialist degree. Other career and professional programs include accounting, advertising and public relations, engineering, communications, computer sciences, business, hospitality and tourism management, international business, international relations, medical imaging, athletic training, therapeutic recreation, natural resource management, legal studies, criminal justice, nursing, social work, geology, and education — including special education.

The university's **Clinical Doctorate in Physical Therapy program** is one of only six accredited programs in public universities in Michigan. Its graduates have passed their certification exams in the top 95th percentile and are respected by health professionals throughout the state. The university is an integral partner with multiple health care systems, agencies, and institutions of higher education in the region, and the **Kirkhof College of Nursing** operates a community-based, academic, nurse-managed center. The university's pre-medical and pre-dental programs are highly regarded by medical and dental schools in Michigan and elsewhere, and GVSU graduates are accepted into medical and health-related schools at rates above the national average.

Faculty and graduate interns in social sciences and education help area communities meet needs in public administration, education, criminal justice and social services. Examples include in-service training for teacher groups and school administrators, urban planning research and development, a summer police academy, programs for gifted and talented students, an annual summer camp for learning-disabled children, stress management workshops, public opinion polls, market surveys, and programs for senior citizens.

The **Business Services Office**, part of **Seidman College of Business** in downtown Grand Rapids, is dedicated to building a strong link between academic programs and economic development and job creation in the region. The office serves as a vehicle for providing management-level education, training, economic research and consultation resources, market analysis, and planning services for existing and potential area businesses. Seidman College of Business is also home to the **U.S. Small Business Administration's state headquarters**, charged with management and oversight of the **Michigan Small Business and Technology Development Center** network. This center, only the second in the country to be designated a "technology" development center, and the first federal program to place its state headquarters in West Michigan, offers no-cost counseling, low-cost training, market research and advocacy for small businesses. The Grand Rapids SmartZone business incubator, located in the Cook-DeVos Center for Health Sciences at Grand Valley continues to successfully support the commercialization of science and emerging technologies by providing incubator/accelerator amenities to start-up businesses.

The **Michigan Alternative and Renewable Energy Center (MAREC)** is a 25,000-square-foot facility located on Muskegon Lake in the Muskegon 34-acre SmartZone. The facility features incubator space, research laboratories, a conference center, energy resource center, offices, and meeting space. With the assistance of a large award from the U.S. Department of Energy (DOE) and other funding partners, MAREC acquired a large and highly sophisticated research buoy that it deployed on Lake Michigan to conduct Great Lakes wind energy research. The building, home to start-up companies that have the capacity to be catalysts for economic development in the area, was the first newly constructed facility in Michigan (and only the 10th in the country) to receive "gold certification" as a Leadership in Energy and Environmental Design (LEED) building. As it has added additional buildings on its campuses, GVSU has received LEED certification for them.

The **Robert B. Annis Water Resources Institute (AWRI)** conducts basic and applied research into Michigan's water resources and related topics, and offers outreach and educational services from the waterfront Lake Michigan Center in Muskegon. The AWRI operates two research vessels, the *D.J. Angus* and the *W.G. Jackson*. It brings applied research together with business, industry, agriculture and government to develop proactive approaches to water quality and related environmental issues and offers an education aquatic science outreach program for a variety of audiences, including K-12 students and teachers.

The **Hauenstein Center for Presidential Studies** has advanced discussion of the American presidency among scholars, government leaders, student leaders and the public. Its Cook Leadership Academy has become a center of leadership excellence. Its Common Ground Initiative is unique in higher education today. No other public university in the U.S. is making a balanced, comprehensive exploration of what it means to be progressive and what it means to be conservative in the

21st century. The center's Wheelhouse Talks inspire leaders, its American Conversations engage citizens, and the Coffee House Debates inform voters. Its website, www.hauensteincenter.org, has become a valuable source for scholars, journalists and all those interested in the public square.

The **Van Andel Global Trade Center's** mission is to strengthen the community through increased global business by providing international consulting, training, and resources. The center has offered consulting services to more than 350 companies in Michigan.

The **Dorothy A. Johnson Center for Philanthropy and Nonprofit Leadership** (www.johnsoncenter.org) is the only comprehensive center in Michigan for the study of philanthropy, volunteerism and the nonprofit sector. The Johnson Center conducts community-based research projects, provides workshops and web-based resources for nonprofit leaders, and promotes effective philanthropy, community improvement and excellence in nonprofit leadership through education, research and community service. The Johnson Center's **Community Research Institute** (www.cridata.org) has become a widely used community resource, providing innovative applied research and data to assist communities in assessing needs and measuring the social impact of programs and services.

Grand Valley has a long-standing tradition and commitment to providing quality education for students. As part of this mission, the Grand Valley Board of Trustees seeks to impact public K-12 education through its leadership in Michigan's **Charter Schools**. Grand Valley chartered its first three schools in 1995, serving a total of 350 students. As it enters the 20th year as an authorizer, the GVSU Charter Schools Office now serves more than 30,000 students in 61 schools.

The **Regional Math and Science Center**, housed in the College of Liberal Arts and Sciences division, serves the science and mathematics education needs of the elementary and secondary schools in West Michigan. While the center focuses on providing professional development opportunities for practicing teachers and enrichment activities for pre-college students, pre-service teachers are also encouraged to participate in the center's activities. Many of the center's activities have developed as collaborative programs with community, business and industry partners. The Regional Math and Science Center also provides local school districts with curriculum development services that support the Michigan Curriculum Framework in science and mathematics. The center's staff is available for consultation, and a resource collection of exemplary teaching materials is open to local educators.

Grand Forum, an education outreach program serving senior citizens, provides the opportunity for individuals of diverse backgrounds to meet in an academic setting for intellectual stimulation and social exchange. Through lectures and discussions, Grand Forum allows its members to broaden their horizons while developing an appreciation for knowledge of new or familiar subjects.

The **Autism Education Center** seeks to give parents and professionals the knowledge and skills to support individuals with Autism Spectrum Disorder in reaching their greatest potential. The center offers resources and training through its Statewide Autism Resources and Training Project and participates in a statewide Autism Collaborative Endorsement program.

The **Meijer Broadcast Center** is the home of Grand Valley's public television and radio stations. WGVU-TV 35 and WGVK-TV 52, affiliated with the Public Broadcasting Service, present a variety of informative and entertaining programs including children's shows, public affairs, cultural offerings and sports. WGVU 88.5 FM and AM 1480 (Grand Rapids) and WGVU 95.3 FM and 850 AM (Muskegon) are National Public Radio member stations that broadcast news and information programs. The station staff emphasizes a strong commitment to local news.

Accreditations

Grand Valley State University is fully accredited by the Higher Learning Commission and is a Member of the North Central Association. All other college and program accreditations will be found in the link to the university website, www.gvsu.edu.

Credit Enrollment (fall head count)	2014
On-campus.....	25,094

LAKE SUPERIOR STATE UNIVERSITY

Sault Ste. Marie 49783

www.lssu.edu



BOARD OF TRUSTEES

	<i>Term expires</i>
DOUGLAS R. BOVIN, Wetmore	Jan. 27, 2018
JAMES P. CURRAN, Lansing	Jan. 27, 2018
PATRICK K. EGAN, Brimley	Jan. 27, 2016
SCOT A. LINDEMANN, Holland	Jan. 27, 2016
MARK W. MERCER, Harbor Springs	Jan. 27, 2022
RODNEY NELSON, St. Ignace	Jan. 27, 2020
ANN PARKER, East Lansing	Jan. 27, 2020
SANDI FROST STEESMA, Grand Rapids.	Jan. 27, 2022

THOMAS C. PLEGER, President

Lake Superior State University, on the Canadian border in Michigan's Eastern Upper Peninsula, is the smallest of the state's 15 public universities. With a five-year average academic year enrollment of just more than 2,600 students, LSSU is considered under the Carnegie Classification to be a small four-year undergraduate institution with a focus on professions and a single graduate program. LSSU's admission process is moderately selective with an undergraduate mix for entering students of approximately 67% new freshman and 33% transfers. For new freshmen, the average high school GPA is 3.3 and the average ACT composite is 22. The university grants 111 baccalaureate degrees in such diverse fields as fire science, criminal justice, engineering, business, health sciences, environmental chemistry, fisheries and wildlife management, conservation leadership, exercise science, applied geographic information science, English literature, communication, psychology, and sociology. Additionally, the university offers a master's degree in curriculum and instruction. LSSU has branch regional centers in Petoskey, Gaylord, and Escanaba.

LSSU's main campus overlooks the sister cities of Sault Ste. Marie, Michigan (population 14,000) and Ontario, Canada (population 75,000). Three counties comprise the Eastern U.P. with a total population of 56,254 spread over 3,486 square miles. The region offers year-round recreation with access to three Great Lakes within 50 miles, thousands of acres of public lands, and hundreds of miles of streams, rivers, and inland lakes. Students enjoy the opportunity to study in a unique international setting abundant in natural resources and historical significance.

The Sault Ste. Marie area has been inhabited for more than 2,000 years, and the city was founded as a European settlement in 1668 by Father Jacques Marquette, a French Jesuit missionary. It was the first permanent European settlement west of the Appalachian Mountains and is believed to be the oldest continually inhabited European settlement in the Midwest. It is home to the famous Soo Locks that enable ships to traverse an 18-foot drop between Lake Superior and the lower Great Lakes. These federal locks, dating back to 1855, and other attractions have turned the twin Saults into a busy tourist destination that draws tens of thousands of visitors each year.

<i>Credit Enrollment (fall head count)</i>	2011	2012	2013
On-campus	2,697	2,471	2,278
Off-campus	145	147	143
TOTAL	2,842	2,618	2,434

MICHIGAN STATE UNIVERSITY

East Lansing 48824

www.msu.edu



BOARD OF TRUSTEES

	<i>Term expires</i>
BRIAN BRESLIN, Alto	Jan. 1, 2019
DIANNE BYRUM, Onondaga Township	Jan. 1, 2017
JOEL I. FERGUSON, Lansing (Chair)	Jan. 1, 2021
MELANIE FOSTER, East Lansing	Jan. 1, 2023
MITCH LYONS, Rockford (Vice Chair)	Jan. 1, 2019
BRIAN MOSALLAM, Dearborn	Jan. 1, 2021
GEORGE PERLES, East Lansing	Jan. 1, 2023
DIANN WOODARD, Brownstown	Jan. 1, 2017

LOU ANNA K. SIMON, President and Ex Officio

Michigan State University

For more than 150 years, Michigan State University has been working to advance the common good in uncommon ways. Founded in 1855, MSU was 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 federal Morrill Act of 1862. The original 677-acre campus in East Lansing has grown to nearly 5,200 acres today and 2,100 acres in existing or planned development. MSU has 19,600 acres throughout Michigan 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 programs in academics, residential colleges, and service-learning. MSU also leads the nation in study abroad among public universities. A diverse and inclusive academic community, in the fall of 2014 MSU enrolled more than 50,000 students from across the United States and over 130 other countries. More than 5,000 faculty and academic staff members engaged students and offered over 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 through a powerful network of close-knit campus communities and inclusive initiatives, enhances academic life for their students. MSU also offers students the opportunity to participate in groups of their choosing, from the more than 600 student organizations active on campus. Many of the 532,000+ alumni are using their MSU education and experiences to advance knowledge and transform lives worldwide.

Among other distinctions, MSU ranks 35th among America's public universities, according to *U.S. News & World Report* 2014 rankings. Its graduate programs in elementary and secondary education have ranked No. 1 in the nation for 20 years in a row. MSU's graduate programs in nuclear physics and organizational psychology and undergraduate program in supply chain management also rank No. 1. According to the Institute of International Education's Open Doors report, MSU has been a national leader in study abroad participation among public universities for ten consecutive years. In more than 175 countries, MSU has nearly 1,500 faculty members involved in international research, teaching, and service around the globe.

Michigan State is the only university in the country with three 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. New physicians train in partnership with hospitals across the state. Skilled health care providers also are trained in the MSU College of Nursing.

Research

Working side-by-side with communities from Michigan to Malawi, MSU's research focuses on solving the world's most pressing problems. Research dollars and other grants for the University totaled \$528 million in 2014-15. MSU's research excellence and impact were exemplified in 2009 when the U.S. Department of Energy selected MSU to establish the Facility for Rare Isotope Beams. This \$680 million facility 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. MSU has been 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. This research leads to preparing a new generation of urban educators who will make a positive impact on individuals and families in Michigan and beyond for years to come. MSU hopes this work will help empower the world's poorest by partnering to grow crops that slow climate change, while also increasing economic opportunity.

Through its participation in the Great Lakes Bioenergy Research Center, funded by the U.S. Department of Energy, 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) performs research in laboratories and farm research plots across the State of Michigan. From MSU’s East Lansing campus to research stations across the Upper and Lower Peninsulas, this network benefits Michigan agriculture, natural resources, and local communities.

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. Together, the URC is rising in the nation’s top research and development clusters for producing patents, businesses, and graduates with high-tech-related degrees. The URC injected more than \$16.6 billion into Michigan’s economy in fiscal year 2012 and research spending by the partner institutions grew to \$2 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. 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. The program draws on MSU’s extensive base of human knowledge, source materials, high-end scientific facilities, invaluable international connections, and exceptional educational services. Additional MSU initiatives include University Outreach and Engagement, which connects faculty with external audiences to address community issues. Michigan State University Extension, founded in 1914, provides research-based educational programming — focusing on agriculture and natural resources — to citizens in nearly every county across Michigan.

Important to MSU’s cultural outreach program 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; six 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; Abrams Planetarium, which offers programming with a Digistar computer-graphics projector; and The Eli and Edyth Broad Art Museum, designed by world-renowned architect Zaha Hadid, which opened on campus in 2012.

	2012	2013	2014
<i>Enrollment (fall head count)</i>	48,906	49,300	50,085

MICHIGAN TECHNOLOGICAL UNIVERSITY

Houghton 49931

www.mtu.edu



BOARD OF CONTROL

	<i>Term expires</i>
THOMAS L. BALDINI, Marquette	Dec. 31, 2016
JULIE A. FREAM, Birmingham (Chair).	Dec. 31, 2018
ROBERT JACQUART, Ironwood.	Dec. 31, 2020
BILL JOHNSON, Newaygo	Dec. 31, 2022
LINDA KENNEDY, Troy	Dec. 31, 2020
PAUL OLLILA, Painesdale (Vice Chair)	Dec. 31, 2016
BRENDA RYAN, Commerce Township	Dec. 31, 2022
TEREY WOYCHOWSKI, Commerce Township	Dec. 31, 2018

GLENN D. MROZ, President

Michigan Technological University

Established by Act 70 of 1885, the Michigan Mining School first offered instruction to students on September 15, 1886. The name was changed to Michigan College of Mines in 1897 and to Michigan College of Mining and Technology in 1927. The most recent name change to Michigan Technological University in 1964 was made to reflect the broad spectrum of programs offered in the physical, biological and social sciences; engineering; forestry; business; the liberal arts; and technology.

Undergraduate Programs

The Bachelor of Science degree is conferred in accounting, anthropology, applied ecology and environmental sciences, applied geophysics, applied physics, audio production and technology, biochemistry and molecular biology, bioinformatics, biological sciences, biomedical engineering, chemical engineering, cheminformatics, chemistry, civil engineering, computer engineering, computer network and system administration, computer science, computer systems science, construction management, economics, electrical engineering, electrical engineering technology, engineering management, environmental engineering, exercise science, finance, forestry, geological engineering, geology, management, management information systems, marketing, materials science and engineering, mathematics, mechanical engineering, mechanical engineering technology, medical laboratory science, operations and systems management, pharmaceutical chemistry, physics, physics secondary education, psychology, scientific and technical communication, social sciences, software engineering, sound design, sports and fitness management, statistics, scientific and technical communications, geology - earth and space science and integrated science, surveying engineering, theatre and entertainment technology, and wildlife ecology and management.

A Bachelor of Arts degree is conferred in liberal arts with concentrations in English, secondary education English, liberal arts, and history. A BA is also offered in communication, culture and media, modern languages, scientific and technical communication, sound design, and theatre and electronic media performance.

Teacher Certification

The Department of Education, in cooperation with academic departments, offers programs leading to secondary school teacher certification in biological sciences, chemistry, clinical laboratory science, computer science, earth science, economics, English, integrated science, mathematics, physics, social studies, and technology and design. Graduate programs for professional educators are offered in applied science education and earth system science.

Graduate Programs

A Master of Science degree is offered in applied cognitive science and human factors, applied ecology, applied natural resources economics, applied science and mathematics, biological sciences, biomedical engineering, chemical engineering, chemistry, civil engineering, computer engineering, computer science, data science, earth systems science, electrical engineering, engineering mechanics, environmental engineering, environmental engineering science, environmental and energy policy, forest ecology and management, forest molecular genetics and biotechnology, forestry, geological engineering, geology, geophysics, industrial archaeology, integrated geospatial technology, kinesiology, materials science and engineering, mathematical sciences, mechanical engineering, medical informatics, mining engineering, OSM/VISTA programs, and Peace Corps Master's International programs, physical therapy, physics, psychology, and rhetoric, theory and culture.

A Master of Engineering degree is offered in civil engineering, engineering, environmental engineering, and hybrid electric drive vehicle engineering. A Master of Business Administration and a Master of Forestry also are offered.

A doctoral degree is offered in applied cognitive science and human factors, atmospheric physics, biochemistry and molecular biology, biological sciences, biomedical engineering, chemical engineering, chemistry, civil engineering, computational science and engineering, computer engineering, computer science, electrical engineering, environmental and energy policy, engineering physics, environmental engineering, forest molecular genetics and biotechnology, forest science, geological engineering, geology, geophysics, industrial heritage and archaeology, materials science and engineering, mathematical sciences, mechanical engineering - engineering mechanics, mining engineering, physical therapy, physics, psychology, and rhetoric, theory and culture.

Research Agencies

Specialized research units include the Advanced Power Systems Research Center, Advanced Sustainable Iron and Steel Center, Biotechnology Research Center, Center for Agile and Interconnected Microgrids, Center for Computer Systems Research, Center for Environmentally Benign Functional Materials, Center for Water and Society, Computational Science and Engineering Research Institute, Earth, Planetary and Space Sciences Institute, Ecosystem Science Center, Great Lakes Research Center, I-Enable, Institute of Materials Processing, Keweenaw Research Center, Michigan Tech Research Institute, Michigan Tech Transportation Institute, Multi-Scale Technologies Institute, Pre-College Innovate Outreach Institute and Sustainable Futures Institute.

Accreditations

The university is accredited by the North Central Association of Colleges and Schools, the Higher Learning Commission. Its curricula in the following fields of engineering are accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology (ABET): biomedical engineering, chemical engineering, civil engineering, computer engineering, electrical engineering, engineering (interdisciplinary or special focus), environmental engineering, geological engineering, materials science and engineering, and mechanical engineering. The following programs in engineering technology are accredited by the Engineering Technology Accreditation Commission of ABET (ETAC-ABET): electrical engineering technology and mechanical engineering technology. The construction management program is accredited by the American Council of Construction Education (ACCE); the computer network and system administration program is accredited by the Computing Accreditation Commission of ABET (CAC-ABET); and the surveying engineering program is accredited by the Engineering Accreditation Commission of ABET (EAC-ABET).

The curriculum in chemistry is certified by the American Chemical Society. Fourth-year instruction in the clinical laboratory science 3+1 option is carried out in hospitals accredited by the National Accrediting Agency for the Clinical Laboratory Sciences (NAACLS).

The Bachelor of Science in Forestry and Master of Science in Forestry programs are accredited by the Society of American Foresters.

All School of Business and Economics undergraduate degrees (accounting, finance, management, management information systems, marketing, and operations and systems management), as well as the MBA, are accredited by the Association to Advance Collegiate Schools of Business (AACSB). Accounting students may qualify to sit for professional certification exams, including the CPA exam, by choosing appropriate coursework.

The Michigan Board of Education approves the secondary teacher certification programs.

<i>Credit Enrollment (fall head count)</i>	<i>2014</i>
Undergraduate enrollment	5,662
Graduate enrollment	1,442
TOTAL	7,104

NORTHERN MICHIGAN UNIVERSITY

Marquette 49855

www.nmu.edu



BOARD OF TRUSTEES

	<i>Term expires</i>
SCOTT L. HOLMAN, Freeland	Dec. 31, 2018
L. GARNET LEWIS, Freeland	Dec. 31, 2016
ROBERT E. MAHANEY, Marquette	Dec. 31, 2022
STEVEN M. MITCHELL, West Bloomfield	Dec. 31, 2020
RICHARD M. POPP, Northville Township	Dec. 31, 2018
TAMI M. SEAVOY, Marquette	Dec. 31, 2022
H. SOOK WILKINSON, Bloomfield Hills	Dec. 31, 2016
THOMAS H. ZURBUCHEN, Ann Arbor	Dec. 31, 2020

FRTZ ERICKSON, President

Northern Michigan University was founded in 1899 as a coeducational, state-supported institution. The university serves the state and, in particular, the Upper Peninsula of Michigan, through a three-dimensional program of instruction, research and service. Northern offers more than 180 academic programs, ranging from the certificate and diploma level to associate, bachelor's and master's degrees.

The academic program is organized into 28 departments that fall under three colleges: College of Arts and Sciences; the Walker L. Cisler College of Business; and the College of Health Sciences and Professional Studies. There is also an Office of Graduate Studies and Research.

Less Than Bachelor's Programs

Certification programs are offered in the subject areas of American Indian education, French, German, Portuguese, Spanish and labor leadership. **Diploma programs** are in advanced law enforcement, cosmetology instructor, electrical line technician, and local corrections. **Certificate programs** are for automotive service, aviation maintenance technology, clinical assistant, computer numerical control (CNC) technician, cosmetology, geographic information systems, heating/ventilation/air conditioning and refrigeration (HVACR), industrial maintenance, office services, practical nursing, special studies, welding and wildland firefighting. **Associate degree programs** are available in art and design, automotive service technology, aviation maintenance technology, building technology, climate control technology, clinical laboratory technology, computer numerical control technology, criminal justice, electrical technology, engineering design, food service management, general business, general university studies, health information processing, industrial maintenance technology, information systems, law enforcement, liberal arts and sciences, office information assistant, radiography, respiratory therapy, and surgical technology.

Bachelor's Degree Programs

Four-year programs leading to a bachelor's degree are offered in accounting, accounting/corporate finance, accounting/information systems, art and design, art and design BFA (ceramics/computer art/digital cinema/drawing and painting/furniture design/graphic communication/human-centered design/illustration/jewelry, metalsmithing and blacksmithing/photography/printmaking/sculpture/woodworking), art and design education, art history, athletic training, biochemistry, biology, biology-ecology/microbiology/physiology, chemistry, clinical health science, clinical lab science, clinical lab science concentrations (anatomic pathology/clinical systems analyst/diagnostic genetics/laboratory medicine/microbiology/science technologist), communication studies, community health education, computer science, construction management, criminal justice, earth science, economics, electronics engineering technology, elementary education (seven concentrations), English, English graduate bound, English writing, entrepreneurship, environmental science, environmental studies and sustainability, finance and risk management, fisheries and wildlife management, forensic biochemistry, French, geomatics, German studies, history, hospitality management, individually created programs, industrial technologies, information assurance/cyber defense, information systems, integrated science with a minor in biology/chemistry/earth science/physics, international studies, liberal arts and sciences, loss prevention management, management, management of health and fitness, marketing, mathematics, mechanical engineering technology, media production and new technology, multimedia journalism, music, neuroscience, nursing, nursing - RN to baccalaureate, outdoor recreation leadership and management, paralegal, philosophy, physical education - coaching, physics, political science, psychology, psychology/behavior analysis, psychology/graduate school preparation, public administration, public relations, secondary education (17 concentrations), ski area business management, social work, sociology, sociology in liberal arts, Spanish, speech/language and hearing sciences, sports science, theater and entertainment and zoology. NMU also offers the following pre-professional programs: pre-architecture, pre-chiropractic, pre-dental, pre-engineering, pre-law, pre-medical, pre-optometry, pre-pharmacy, pre-physical therapy, pre-physician assistant, and pre-veterinary medicine.

Master's Degree Programs

The university offers the Master of Arts degree in English and in higher education in student affairs. A Master of Arts in Education is offered in educational administration in either an administration and supervision or American Indian education administration and supervision; in educational instruction, learning disabilities, reading K-8 and reading specialist K-12. An Education Specialist degree is also available in administration and supervision. The Master of Science degree is available in applied behavior analysis, biology, biology/biochemistry, clinical molecular genetics, exercise

science, postsecondary biology education, general psychology and psychology/training and performance improvement. The Master of Fine Arts is offered in creative writing. Master's degrees in individual studies, business administration and in public administration are also offered. A Doctorate of Nursing Practice is offered for family nurse practitioner. A variety of approvals, endorsements, certifications, certificates, and licenses at the graduate level also exist.

Off-Campus Programs

Numerous online programs are offered to off- and on-campus students: a bachelor's degree in loss prevention management; the master of public administration; and all eight education-related graduate degree programs. More than 100 online courses are offered each semester as well. Loss prevention management (as an on-site program) and select graduate programs are offered at Macomb Community College.

Accreditations

Northern Michigan University is accredited by the Commission on Institutions of Higher Education, the Higher Learning Commission, Northern Central Association. All education programs are accredited by the Teacher Education Accreditation Council (TEAC). Other accreditations include the Accreditation Board for Engineering and Technology; American Alliance for Health, Physical Education, Recreation and Dance; American Chemical Society; American Society of Cytology; Commission on Accreditation of Allied Health Education Professionals (Surgical Technology); Committee on Accreditation for Respiratory Care of the Commission on Accreditation of Allied Health Education Programs; Council on Social Work Education; Department of Transportation Federal Aviation Administration Certification; International Association of Counseling Services, Inc.; Joint Review Committee on Education in Radiologic Technology; Michigan Department of Licensing and Regulation, State Board of Nursing; National Accrediting Agency for Clinical Laboratory Sciences; and the National Association of Schools of Music. In addition, the nursing programs (practical nursing, baccalaureate and master's degrees) are fully approved by the Michigan Department of Licensing and Regulation, State Board of Nursing and the baccalaureate and master's degrees are fully accredited by the Commission on Collegiate Nursing Education (CCNE).

The baccalaureate degree programs of the College of Business are accredited by the AACSB International - the Association to Advance Collegiate Schools of Business..

<i>Credit Enrollment (fall head count)</i>	<i>2012</i>	<i>2013</i>	<i>2014</i>
Enrollment	9,225	8,918	8,781

OAKLAND UNIVERSITY

Rochester 48309

www.oakland.edu



BOARD OF TRUSTEES

	<i>Term expires</i>
RICHARD L. DEVORE, Bloomfield Hills (Vice Chair)	Aug. 11, 2020
RICHARD A. FLYNN, Sterling Heights	Aug. 11, 2016
MICHAEL R. KRAMER, Bloomfield Hills	Aug. 11, 2016
SCOTT G. KUNSELMAN, White Lake	Aug. 11, 2020
RONALD E. ROBINSON, Clinton Township	Aug. 11, 2018
MARK E. SCHLUSSEL, Southfield (Chair)	Aug. 11, 2018
MELISSA STOLICKER, Haslett	Aug. 11, 2022
W. DAVID TULL, Birmingham	Aug. 11, 2022

GEORGE W. HYND, President

Oakland University was established in 1957 when the late Alfred G. and Matilda R. Wilson donated \$2 million and their Meadow Brook estate and surrounding farms to begin a new college in Oakland County, Michigan. From its beginnings, the university has provided an undergraduate education that prepares students with a portfolio of skills and values that lead to success in work and life.

Oakland University is one of the country’s 90 doctoral/research universities as listed by the Carnegie Foundation for the Advancement of Teaching. It offers 135 undergraduate majors and 135 graduate degree and certificate programs, including master’s and doctoral degrees.

Oakland has welcomed record enrollment increases for 16 consecutive years and today is home to more than 20,500 students. The university offers a unique, hands-on education for undergraduate and graduate students through the College of Arts and Sciences, the Schools of Business Administration, Engineering and Computer Science, Health Sciences, Education and Human Services, Nursing, The Honors College and the Oakland University William Beaumont School of Medicine. According to the Anderson Economic Group, its regional economic footprint in 2013 was estimated at more than \$700 million annually.

Of the university’s 583 full-time faculty members, approximately 90 percent hold doctoral degrees in specialized fields of study from many of the nation’s finest research institutions. These renowned faculty members teach in Oakland University’s classrooms. In fact, graduate assistants teach less than one percent of all OU courses. Small classes mean students receive hands-on, high-quality attention from inspirational and innovative faculty members.

Oakland University continues to move toward its goal of creating an even more distinctive undergraduate education by 2020. Oakland is expanding on its core strengths to become known for its cross-disciplinary approach to education, unique opportunities for undergraduate research, personalized attention, and its tradition of producing liberally educated leaders.

<i>Credit Enrollment (fall head count)</i>	2012	2013	2014
On-campus	19,740	20,169	20,519

SAGINAW VALLEY STATE UNIVERSITY

University Center 48710

www.svsu.edu



BOARD OF CONTROL

	<i>Term expires</i>
SCOTT L. CARMONA, Bay City	July 21, 2019
DENNIS DURCO, Pinckney	July 21, 2021
CATHY W. FERGUSON, Saginaw	July 21, 2017
DAVID R. GAMEZ, Saginaw	July 21, 2017
JOHN KUNITZER, Saginaw	July 21, 2021
PATRICK K. MCINNIS, Commerce Township	July 21, 2023
VICKI L. RUPP, Saginaw	July 21, 2023
JENEE L. VELASQUEZ, Midland	July 21, 2019

DONALD J. BACHAND, President

Saginaw Valley State University began operations in 1963 as a private institution and received a charter as a state college in 1965. The campus is located within the triangle formed by Bay City, Midland, and Saginaw. Facilities include academic and administration buildings, conference facilities, residence halls and apartments, and an athletic complex.

The **undergraduate curriculum** is comprehensive. Majors are offered in accounting, applied mathematics, art, athletic training, biochemistry, biology, business-chemistry, chemical physics, chemistry, medical laboratory science, communication, computer information systems, computer science, creative writing, criminal justice, economics, electrical engineering, elementary education, engineering technology management, English, exercise science, finance, French, general business, graphic design, health science, history, industrial management, international business, international studies, management, marketing, mathematics, mechanical engineering, music, music education, nursing, optical physics, physical education, physics, political science, professional and technical writing, psychology, public administration, social work, sociology, Spanish, special education, and theatre. Minors are offered in most of these disciplines, and also in adapted physical education, Asian studies, athletic coaching, early childhood, engineering and technology, entrepreneurship, gender studies, geography, German, gerontology, Japanese, leadership and service, legal studies, philosophy, Polish, and youth services. Additional minors in the College of Science, Engineering and Technology are computer applications, computer forensics, and alternative energy.

Thirteen of the majors and 17 of the minors are available to students preparing for **certification as secondary teachers**. The university also provides a certification program in teaching English as a second language.

At the **master's degree level**, the College of Education offers a Master of Arts degree in Teaching Chinese as a Foreign Language (in collaboration with Ming Chuan University, Taiwan) and offers concentrations in early childhood, reading, special education, principalship, and instructional technology/e-learning. A Master of Business Administration degree is conferred by the College of Business and Management. The College of Arts and Behavioral Sciences awards a Master of Arts degree in Administrative Science and a Master of Arts degree in Communication and Multimedia Administration. The Crystal M. Lange College of Nursing and Health Sciences offers a Master of Science in Nursing degree, a Master of Science in Occupational Therapy degree, and a Master of Science degree in Health Administration and Leadership. The College of Science, Engineering and Technology offers a Master of Science in Energy and Materials.

At the **post-master's degree level**, the College of Education offers the Education Specialist degree with concentrations in central office, principalship, special education, and directorship of special education as well as special education administrative approval programs in director and supervisor of special education. The Crystal M. Lange College of Nursing and Health Sciences offers the Doctor of Nursing Practice.

Saginaw Valley State University is accredited by the Higher Learning Commission — North Central Association of Colleges and Schools, the American Assembly of Collegiate Schools of Business — International, the Accreditation Board for Engineering and Technology, the National Council for Accreditation of Teacher Education, the American Society of Clinical Pathologists and the American Medical Association (Medical Technology), the National Association of Schools of Music, the Council of Social Work Education (Social Work), the National League for Nursing (Nursing), and the Accreditation Council for Occupational Therapy Education.

<i>Credit Enrollment (fall head count)</i>	2012	2013	2014
On-campus	9,500	9,583	9,135
Off-campus	1,052	662	694

UNIVERSITY OF MICHIGAN

Ann Arbor 48109
www.umich.edu



BOARD OF REGENTS

	<i>Term expires</i>
MICHAEL J. BEHM, Grand Blanc	Jan. 1, 2023
MARK J. BERNSTEIN, Ann Arbor	Jan. 1, 2021
LAURENCE B. DEITCH, Bloomfield Hills	Jan. 1, 2017
SHAUNA RYDER DIGGS, Grosse Pointe	Jan. 1, 2021
DENISE ILTCH, Bingham Farms.	Jan. 1, 2017
ANDREA FISCHER NEWMAN, Ann Arbor	Jan. 1, 2019
ANDREW C. RICHNER, Grosse Pointe Park	Jan. 1, 2019
KATHERINE E. WHITE, Ann Arbor	Jan. 1, 2023

MARK S. SCHLISSEL, President and Ex Officio

University of Michigan

Section 5 of Article VIII of the Constitution of 1963 provides for the Regents of the University of Michigan. The board consists of eight members elected for eight-year terms. The president of the university, who is elected by the board, is an *ex officio* member. The regents are a body corporate and have general supervision of the institution and the control and direction of all expenditures from the institution's funds.

The university was founded in 1817 with a grant of 1,920 acres of land ceded by the Great Lakes Indian nations for "a college at Detroit." The territorial legislature planned "a university of Michigania" as a territory-wide public educational system. It was moved to Ann Arbor in 1837 to take advantage of an offer of 40 acres of land at the edge of town. The acreage ceded by the Indians was sold, and the proceeds remain part of the university's permanent endowment. The university earned the title "Mother of State Universities" when it became the first model of a complete state university in America. The original 40-acre campus has expanded to more than 3,245 acres (Ann Arbor campus) with 569 major buildings and 1,070 family housing units. The University of Michigan-Flint opened in 1956 with a gift from the Mott Foundation. The University of Michigan-Dearborn followed in 1958 on the land of the Henry Ford Estate, a gift of the Ford Motor Company.

Schools and Colleges, Students and Faculty

Almost every one of the university's academic schools and colleges ranks among the top in its field, and 100 graduate programs rank in the top 10 in *U.S. News & World Report*. Only three institutions in the country have more top-ranked graduate programs. The schools and colleges located on the Ann Arbor campus are: A. Alfred Taubman College of Architecture and Urban Planning; Penny W. Stamps School of Art and Design; Stephen M. Ross School of Business; School of Dentistry; School of Education; College of Engineering; Horace H. Rackham School of Graduate Studies; School of Information; School of Kinesiology; Law School; College of Literature, Science, and the Arts; Medical School; School of Music, Theatre and Dance; School of Natural Resources and Environment; School of Nursing; College of Pharmacy; School of Public Health; Gerald R. Ford School of Public Policy; and School of Social Work. The Dearborn campus has four schools and colleges: College of Arts, Sciences, and Letters; College of Business; College of Engineering and Computer Science; and College of Education, Health, and Human Services. The Flint campus has four schools and colleges: College of Arts and Sciences; School of Management, the School of Health Professions and Studies; and the School of Education and Human Services.

University of Michigan students, who hail from all 50 states and 127 countries, participate in more than 1,500 student organizations; volunteer their time and talents in Ann Arbor, Detroit and beyond; and broaden their horizons through the hundreds of concerts, lectures and symposia Michigan hosts each year. Michigan's 560,000+ living alumni continue to make substantial contributions to the world's intellectual, scientific and cultural growth. Michigan's teaching faculty counts among its ranks distinguished world authorities, Pulitzer Prize winners, Nobel laureates, MacArthur grantees and internationally acclaimed artists, composers and performers who thrive in the university's open and collaborative atmosphere. Faculty at all levels have numerous opportunities to develop as researchers and teachers.

Libraries and Museums

The Library System has more than 20 libraries with more than 13.3 million volumes and more than 150,000 serial titles. The university's libraries are national leaders in the development of digital library resources. There are 12 museums and four galleries including the Detroit Observatory, Kelsey Museum of Archaeology, Matthaei Botanical Gardens, Museum of Art, Museum of Natural History, Nichols Arboretum, Herbarium, Museum of Anthropology, Museum of Paleontology, Museum of Zoology, Sindcuse Museum of Dentistry, and the Stearns Collection of Musical Instruments, as well as the Robbins Gallery, Slusser Gallery, Work: Ann Arbor, and Work: Detroit.

Research

Research expenditures have risen dramatically over the last decade to \$1.3 billion in 2013-2014, even as the total federal investment in university research has eased off, showing the strength of U-M's competitive standing among its peer research universities and the diversity of research funding from both federal and non-federal sources.

With 19 schools and colleges and more than 200 centers and institutes across campus, U-M conducts research in virtually every major area of science, engineering, medicine, social sciences,

management, education and the humanities. Working together across disciplines is a hallmark of the U-M research environment as researchers join with colleagues in other fields to advance knowledge, solve challenging problems and create marketable products. U-M's North Campus Research Complex, acquired from Pfizer in 2009, has become a vibrant center for the expansion of interdisciplinary translational research in such areas as cancer, health policy, bioinformatics, and the intersection of engineering and medicine. The complex now houses 2,400 faculty and staff and 12 shared scientific facilities for such services as gene sequencing and advanced microscopy.

In 2014, U-M research efforts led to the creation of 14 start-up companies, and since 2001, U-M's research enterprise has given birth to 138 start-ups, approximately 1,300 licensing agreements and 1,900 patent applications.

The university further strengthens its research enterprise through relationships with industry. The Business Engagement Center has ongoing relationships with more than 1,000 companies in Michigan and beyond, and is contacted by more than 200 new companies each year.

Health System

The University of Michigan Health System comprises the U-M Medical School and its Faculty Group Practice, three U-M hospitals, a number of specialty centers and approximately 41 outpatient health centers, an extensive home care service, and the Michigan Health Corp. The Health System consistently ranks among the best healthcare institutions in the nation, and serves patients from every county in Michigan as well as from other states and nations. *U.S. News & World Report* gives high rankings to University Hospital in all 15 adult specialty areas, and to C.S. Mott Children's Hospital in all 10 pediatric specialty areas.

Nearly 500 doctors from the U-M Health System were among the top 5 percent of practicing physicians on the 2014 "Best Doctors in America" list. The U-M Medical School is ranked 10th in the nation among research-based medical schools and 5th in the nation for primary care training by *U.S. News & World Report*, and has the 12th largest National Institutes of Health research budget among all American medical schools. Residency training at UMHS is also highly regarded and is ranked sixth in the nation by Doximity. The Health System's focus on high-quality care for even the most complex patients has earned numerous other awards and accreditations, and recognitions for patient safety.

Economic Impact of the University

The university, with campuses in Ann Arbor, Flint and Dearborn, makes significant economic contributions to the state of Michigan. There are more than 200,000 U-M alumni and 44,037 U-M employees who live and work in Michigan. U-M enrolls nearly 40,000 students from the state, and there are 2.5 million visits by state residents to U-M hospitals and clinics. U-M has \$1.2 billion in purchases of goods and services from more than 55,000 Michigan companies.

U-M is Metro Detroit's second-largest employer. Student retail spending is estimated at more than \$300 million per year. Each home football game in Ann Arbor generates an estimated \$12 million for the local economy, and cultural activities attract more than 350,000 attendees each year.

Gifts

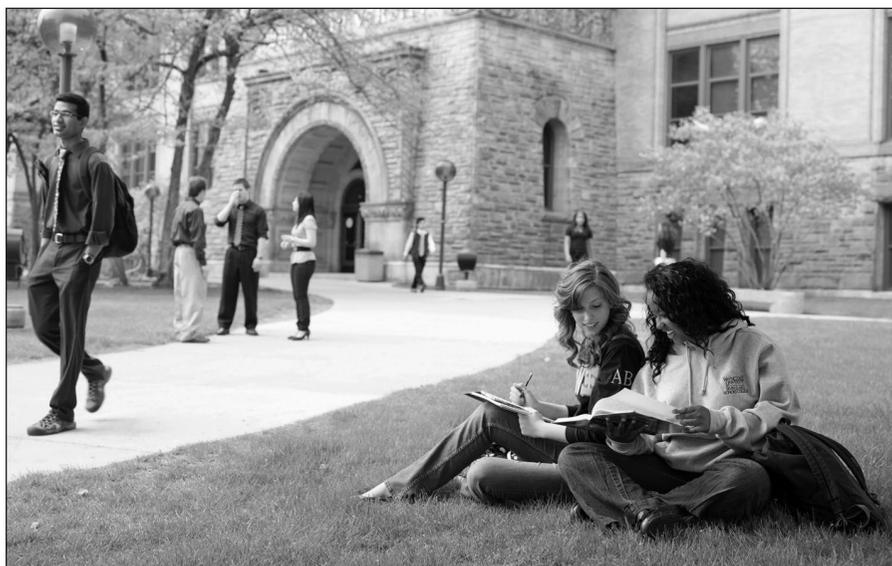
In addition to receiving funds from the state of Michigan, the University of Michigan also relies on private gifts that support student financial aid, faculty research and teaching, facilities and programs. Many buildings and facilities on campus owe their existence to the generosity of donors. In the fiscal year that ended on June 30, 2014, more than 122,000 alumni and friends, corporations, foundations and associations demonstrated their commitment to the future of the university by making gifts.

Credit Enrollment (fall head count)	2012	2013	2014
Ann Arbor Campus only	43,426	47,710	43,625
Ann Arbor, Flint and Dearborn	60,352	65,268	61,392

WAYNE STATE UNIVERSITY

Detroit 48202

www.wayne.edu



BOARD OF GOVERNORS

	<i>Term expires</i>
DIANE DUNASKISS, Lake Orion	Dec. 31, 2018
MARILYN KELLY, Bloomfield Hills	Dec. 31, 2022
PAUL E. MASSARON, Southfield	Dec. 31, 2016
DAVID A. NICHOLSON, Grosse Pointe Farms.	Dec. 31, 2018
SANDRA O'BRIEN, Northville	Dec. 31, 2020
GARY S. POLLARD, Detroit	Dec. 31, 2016
DANA THOMPSON, Detroit	Dec. 31, 2022
KIM TRENT, Detroit	Dec. 31, 2020

M. ROY WILSON, President

Wayne State University was created as a state institution by Act 183 of 1956, succeeding Wayne University, formerly operated by the Detroit Board of Education. The university was given autonomous constitutional status by a vote of the people of Michigan in April 1959.

Wayne State is one of the few institutions in the United States to combine high research activity, a comprehensive doctoral program, a medical campus, and a large graduate and undergraduate population. Michigan’s only urban research university, it is recognized by the Carnegie Foundation for the Advancement of Teaching as having very high research activity (RU/VH) — a designation held by only 3.5 percent of institutions in the nation. Faculty members are renowned experts in their respective fields who mentor students and provide hands-on experience in state-of-the-art laboratories.

Wayne State University’s main campus encompasses 203 acres with more than 100 buildings, including several residence halls and apartments. Located in Detroit’s culturally rich Midtown neighborhood, students are in the center of a vibrant, resurgent city and at the doorsteps of the state’s best law firms, theatres, corporations and hospitals. They not only have access to world-class culture and entertainment, but also to countless opportunities to participate in Detroit’s dramatic rebirth. Wayne State’s reach expands throughout Southeast Michigan, with six extension centers in Wayne, Oakland and Macomb counties, including four-year degree programs offered at several locations in Macomb County. The new **Advanced Technology Education Center** in Warren, part of a partnership with Macomb Community College, is training students in high-demand technology careers and on the forefront of automotive technology research.

WSU’s **School of Medicine** is the nation’s largest single-campus medical school. It is affiliated with the hospitals of the Detroit Medical Center, which include Children’s Hospital of Michigan, the Rehabilitation Institute of Michigan, Hutzel Women’s Hospital, Detroit Receiving Hospital, Harper University Hospital, Sinai-Grace Hospital, Huron Valley-Sinai Hospital, and the Michigan Orthopedic Specialty Hospital. It maintains a research and education partnership with The Henry Ford Health System in Detroit and coordinates teaching experiences with 14 community hospitals through the Southeast Michigan Center for Medical Education. It is the home of the National Institutes of Health (NIH) Perinatology Research Branch, one of only a few branches located outside of the NIH’s main campus in Maryland. The branch supports research related to pregnancy and maternal health, embryonic development, fetal growth and infant well-being. The center’s hospitals and clinics are an educational facility for Wayne State students in medicine, nursing, pharmacy, social work and health-related liberal arts programs.

Wayne State is home to **TechTown**, a business incubator that accelerates economic growth in Detroit by growing strong businesses and driving regional collaboration. Since 2007, TechTown has assisted more than 600 companies, which have created more than 1,000 jobs. Wayne State is also part of Michigan’s University Research Corridor, along with Michigan State University and the University of Michigan. In 2014, the URC universities contributed \$16.6 billion to Michigan’s economy.

Nearly 28,000 students — including recent high school graduates, community college transfers, graduate and professional students, business people, professionals, industrial workers, and retirees — study at Wayne State. Ninety percent of WSU students are Michigan residents. The university has the most diverse student body in Michigan, with students from 47 states, more than 60 countries and all walks of life. To ensure proper coordination and course scheduling, WSU works closely with community colleges and other educational institutions in Southeast Michigan.

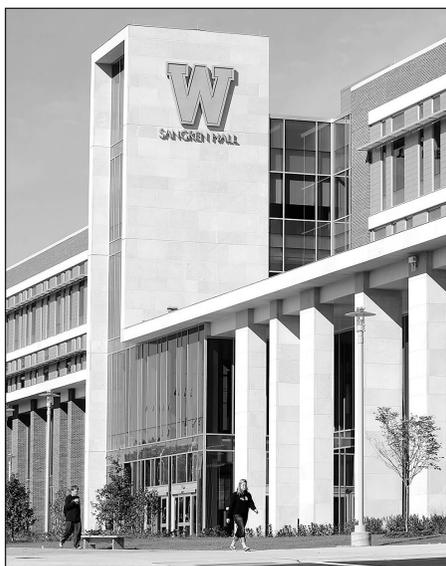
Wayne State University is **accredited** by the North Central Association of Colleges and Secondary Schools and its academic programs are accredited by the appropriate agencies.

<i>Credit enrollment (fall head count)</i>	2012	2013	2014
On-campus and at extension centers	28,938	27,897	27,578

WESTERN MICHIGAN UNIVERSITY

Kalamazoo 49008

www.wmich.edu



BOARD OF TRUSTEES

	<i>Term expires</i>
MARY ASMONGA-KNAPP, Battle Creek	Dec. 31, 2016
JAMES B. BOLGER, Whitehall	Dec. 31, 2020
DANA L. DEBEL, Ann Arbor	Dec. 31, 2018
RONALD E. HALL, Detroit	Dec. 31, 2020
JAMES F. HETTINGER, Fennville	Dec. 31, 2016
WILLIAM D. JOHNSTON, Portage	Dec. 31, 2022
KENNETH V. MILLER, Kalamazoo	Dec. 31, 2018
JEFFREY RINVELT, Ann Arbor	Dec. 31, 2022

JOHN M. DUNN, President

Western Michigan University is a learner-centered, discovery-driven and globally engaged national university with a small-college feel. WMU was founded in 1903 as a teacher-preparation school and has grown to become one of Michigan's five Carnegie-designated research universities. It builds intellectual inquiry, investigation, and discovery into its academic programs, yet remains focused on providing personal attention and preparing both undergraduate and graduate students for success in work as well as life.

Recognition: WMU is nationally recognized and internationally engaged.

- The Carnegie Foundation classifies WMU among the nation's 147 public research universities.
- *U.S. News & World Report* has named WMU among the country's "best national universities" each year since 1991.
- *The Princeton Review* includes WMU on its annual online list of the Best Midwestern Colleges.
- Phi Beta Kappa, America's premier honor society, has granted chapters to just 100 public institutions, including WMU.
- *Military Times' EDGE* magazine has ranked WMU on its annual "Best for Vets" list of higher education institutions in each year since 2009, making WMU the only Michigan school to make the list for five consecutive years.
- *G.I. Jobs* places WMU among the top 15 percent of colleges for vets, and WMU continues to be listed among the "military friendly" schools compiled by *Military Advanced Education*.
- Recognized nationally for its leadership in campus sustainability, WMU has been most recently lauded as the top higher education institution in the U.S. Green Building Council's Green Schools awards program and was named by Second Nature as a 2014 Climate Leadership award winner.
- WMU constructed the nation's first higher education building to receive gold-level certification for meeting Leadership in Energy and Environmental Design for Existing Buildings (LEED-EB) standards, and by the end of 2016, it expects to have more than 20 LEED-certified buildings.

Size and scope: WMU enrolls 24,000 students. Its campuses encompass more than 1,200 acres and 150 buildings, and feature some of the finest instructional and performance spaces in the Midwest. All University property — inside and out — became tobacco free in 2014. WMU also is noted for having the second leanest administrative staffing levels of any of Michigan's 15 public universities.

The main campus is located close to downtown Kalamazoo and includes a growing Oakland Drive Campus that has become a hub for health and human services programs and direct-service clinics that play a critical role in a new private medical school. WMU's highly rated engineering college and thriving Business Technology and Research Park are based three miles away at the Parkview Campus, while its nationally known aviation college is based at the W.K. Kellogg Airport in Battle Creek, Michigan. Both the aviation campus and BTR Park are components of two Michigan Smart Zones.

WMU has long met the state's regional needs for higher education and career development programs, and continues to serve thousands of Michigan residents annually through its Online and Lifelong Learning offices, as well as regional locations in Battle Creek, Benton Harbor, metro Detroit, Grand Rapids, Lansing, Muskegon, and Traverse City.

Academic programs: The university continues to innovate, offering new cutting-edge programs in response to state and national needs. One new example is the WMU Homer Stryker M.D. School of Medicine, a private medical school at a public university that enrolled its first class for fall 2014 and is among the nation's first to base its curriculum on a 21st-century paradigm of medical education. A second new professional education affiliation in 2014 created the WMU Thomas M. Cooley Law School, a private school that shares the University's mission of access and opportunity and operates in four locations in Michigan and Florida. Beginning in fall 2015, first-year law classes are also slated for the WMU main campus in Kalamazoo.

WMU shapes its academic programs so that its graduates are immediately ready to add value to their workplaces and communities. Degrees are granted through seven colleges: Arts and Sciences, Aviation, Haworth College of Business, Education and Human Development, Engineering and Applied Sciences, Fine Arts, and Health and Human Services. In addition, the Lee Honors College serves as an intimate home for 1,800 of the exceptionally talented undergraduates WMU attracts, while the Graduate College assists more than 5,000 students pursuing advanced degrees.

WMU offers the second largest number of undergraduate majors of any public university in Michigan. Students may choose from 251 programs — 147 at the bachelor's level, 73 at the master's level, and 30 at the doctoral level. Many of these offerings are nationally or internationally recognized, such as those in accountancy, aviation, blindness and low-vision studies, creative writing, education, experimental atomic physics, evaluation, graph theory, jazz studies, medieval studies, paper science, and the performing arts.

Faculty: The university's faculty is comprised of 934 full-time members, 532 part-time instructors, and 810 graduate assistants and doctoral associates. These scholars are dedicated to providing quality teaching at both the undergraduate and graduate levels, advancing the university's public service mission, and creating knowledge, as well as putting it to work in daily life.

Despite its size and complexity, WMU has a 17-to-1 student-to-faculty ratio, and two-thirds of undergraduate classes have 30 or fewer students. Additionally, full-time professors teach most undergraduate as well as graduate classes, and undergrads have ample opportunities to work closely with faculty researchers and artists.

Student support: WMU creates an environment for its students that is both challenging and supportive and one that provides wide-ranging opportunity. A variety of resources and services focus on the academic and career success of students, and several offices are dedicated to meeting the special needs of such select groups as first-year students, transfer students, military veterans and undergrads who are undecided about their majors.

The university operates 19 residence halls, six dining facilities, six campus cafés, four apartment-style complexes and one residential complex. The residence halls offer various financial discounts and provide a network of educational communities that engage students in learning and personal development. The apartments offer a more independent, on-campus living arrangement preferred by undergrads who previously lived in a residence hall and still want the convenience of living on campus. Such housing also is appealing to students who have families, come from overseas or are studying at the graduate level.

WMU also recognizes that college is a time for students to have fun and develop their individual skills and interests. Educational, social, and recreational opportunities abound through hundreds of student organizations, fraternities and sororities, professional groups, intramural and club sports, and fitness and wellness programs. The university also has nationally recognized arts programs, a lively cultural calendar, and 16 NCAA Division I, Football Bowl Subdivision teams in the Mid-American Conference and the National Collegiate Hockey Conference.

International perspective and diversity: The University is home to a diverse, culturally rich student body that includes more than 1,800 international students from 100 other countries. Minority students are also well represented, making up nearly 21 percent of the student body, while graduate students account for almost 21 percent of the student body as well. Some 88 percent of all students are Michigan residents.

WMU infuses the campus-learning environment with a global perspective. It offers scores of study abroad programs in some two dozen countries and access to overseas study opportunities in almost every other country through linkages with universities and organizations around the world. On campus, WMU is home to several international study centers, a variety of international and foreign-language programs, and a fully accredited intensive English language program for international students.

Research: WMU researchers are advancing knowledge across the state and around the globe. A growing amount of their funded research is the product of partnerships with business, industry, and government in areas such as nanotechnology, homeland security, and the life sciences. These collaborations enhance classroom instruction and career opportunities for students, as well as foster economic development in Michigan while building the state's 21st-century knowledge base.

During recent years, WMU has focused on supporting life science research and commercialization in a way that has helped launch more than 30 startup companies that have brought some 225 high-paying technical jobs to Michigan.

Cost: WMU's relatively low cost (www.wmich.edu/registrar/tuition) makes it one of the best higher-education values in Michigan. The university ranks ninth in tuition and fees among the state's 15 public universities, yet is one of the five universities in the state to have earned the Carnegie Foundation's research designation.

WMU awards some \$270 million annually in financial aid, offers one of the largest merit-based scholarship programs at a public university in the United States, and regularly introduces initiatives to keep its costs low and offer opportunity to underrepresented populations. One such initiative is the Seita Scholars Program, which annually supports up to 160 young people who have aged out of foster care with full-tuition scholarships, a year-round place to live, and a coaching network to support both personal growth and academic success.

<i>Credit Enrollment (fall head count)</i>	2012	2013	2014
On-campus	22,443	22,137	21,750
Regional sites and online education	5,127	5,071	5,684

COMMUNITY COLLEGES

Institution	Location	President
Alpena Community College	Alpena	Dr. Olin Joynton
Bay de Noc Community College	Escanaba	Dr. Laura L. Coleman
Delta College	University Center	Dr. Jean Goodnow
Glen Oaks Community College	Centreville	Dr. David Devier
Gogebic Community College	Ironwood	Mr. James Lorensen
Grand Rapids Community College	Grand Rapids	Mr. Steven C. Ender
Henry Ford Community College	Dearborn	Dr. Stan Jensen
Jackson Community College	Jackson	Dr. Daniel Phelan
Kalamazoo Valley Community College	Kalamazoo	Dr. Marilyn J. Schlack
Kellogg Community College	Battle Creek	Mr. Dennis Bona
Kirtland Community College	Roscommon	Dr. Thomas Quinn
Lake Michigan College	Benton Harbor	Dr. Robert P. Harrison
Lansing Community College	Lansing	Dr. Brent Knight
Macomb Community College	Warren	Dr. James Jacobs
Mid Michigan Community College	Harrison	Dr. Christine Hammond
Monroe County Community College	Monroe	Dr. Kojo Quartey
Montcalm Community College	Sidney	Mr. Robert Ferrentino
Mott Community College	Flint	Dr. Beverly Walker-Griffea
Muskegon Community College	Muskegon	Dr. Dale K. Nesbary
North Central Michigan College	Petoskey	Dr. Cameron Brunet-Koch
Northwestern Michigan College	Traverse City	Mr. Timothy Nelson
Oakland Community College	Bloomfield Hills	Dr. Timothy R. Meyer
St. Clair County Community College	Port Huron	Dr. Kevin A. Pollock
Schoolcraft College	Livonia	Dr. Conway A. Jeffress
Southwestern Michigan College	Dowagiac	Dr. David M. Mathews
Washtenaw Community College	Ann Arbor	Dr. Rose Bellanca
Wayne County Community College	Detroit	Dr. Curtis L. Ivery
West Shore Community College	Scottville	Mr. Scott Ward

Source: Directory of Michigan Public Community Colleges, Workforce Development Agency, State of Michigan, 2013. Updated, Legislative Service Bureau, 2015.

INDEPENDENT COLLEGES AND UNIVERSITIES

Institution	Location	President ¹
Adrian College	Adrian	Dr. Jeffrey R. Docking
Albion College	Albion	Dr. Mauri Ditzler
Alma College	Alma	Dr. Jeff Abernathy
Andrews University	Berrien Springs	Dr. Niels-Erik A. Andreasen
Aquinas College	Grand Rapids	Dr. Juan Olivarez
Baker College of Allen Park	Allen Park	Mr. Aaron J. Maike
Baker College of Auburn Hills	Auburn Hills	Mr. Jeffery M. Love
Baker College of Cadillac	Cadillac	Ms. Kelly Smith
Baker College Center for Graduate Studies	Flint	Dr. Mike Heberling
Baker College of Clinton Township	Clinton Township	Mr. Donald R. Torline
Baker College of Flint	Flint	Dr. Julianne T. Princinsky
Baker College of Jackson	Jackson	Dr. Patricia Kaufman
Baker College of Muskegon	Muskegon	Mr. Lee Coggin
Baker College of Owosso	Owosso	Mr. Pete Karsten
Baker College of Port Huron	Port Huron	Dr. Connie Harrison
Calvin College	Grand Rapids	Dr. Michael LeRoy
Calvin Theological Seminary	Grand Rapids	Dr. Julius Medenblik
Cleary University – Livingston	Howell	Mr. Thomas P. Sullivan
Cleary University – Washtenaw	Ann Arbor	Mr. Thomas P. Sullivan
College for Creative Studies	Detroit	Mr. Richard Rogers
Concordia University	Ann Arbor	Rev. Dr. Patrick T. Ferry
Cornerstone University	Grand Rapids	Dr. Joseph Stowell
Cranbrook Academy of Art	Bloomfield Hills	Mr. Christopher Scoates
Davenport University	Grand Rapids	Dr. Richard J. Pappas
DeVry University	Southfield	Mr. Robert Paul
Ecumenical Theological Seminary	Detroit	Rev. Stephen Butler Murray
Finlandia University	Hancock	Rev. Dr. Phillip Johnson
Grace Bible College	Grand Rapids	Dr. Ken Kemper
Grand Rapids Theological Seminary	Grand Rapids	Dr. Joseph Stowell
Great Lakes Christian College	Lansing	Mr. Lawrence L. Carter
Hillsdale College	Hillsdale	Dr. Larry P. Arnn
Hope College	Holland	Dr. John C. Knapp
ITT Technical Institute – Canton	Canton	Mrs. Nadine Palazzolo
ITT Technical Institute – Swarz Creek	Swarz Creek	Vacant
ITT Technical Institute – Troy	Troy	Ms. Emily Campbell
ITT Technical Institute – Wyoming	Wyoming	Mr. Dennis Hormel
Kalamazoo College	Kalamazoo	Dr. Eileen Wilson-Oyelaran
Kettering University	Flint	Dr. Robert K. McMahan, Jr.
Kuyper College	Grand Rapids	Dr. Nicholas V. Kroeze
Lawrence Technological University	Southfield	Dr. Virinder Moudgil
Madonna University	Livonia	Dr. Michael Grandillo
Marygrove College	Detroit	Dr. David J. Fike
Michigan Jewish Institute	Oak Park	Rabbi Kasriel Shemtov
Michigan School of Professional Psychology	Farmington Hills	Dr. Diane Blau
Miller College	Battle Creek	Dr. Evon Walters
Moody Theological Seminary – Michigan	Plymouth	Dr. J. Paul Nyquist
Northwood University	Midland	Mr. Keith A. Pretty
Olivet College	Olivet	Dr. Steven Corey
Rochester College	Rochester Hills	Dr. John Tyson
Sacred Heart Major Seminary	Detroit	Rev. Msgr. Todd J. Lajiness
SS Cyril and Methodius Seminary	Orchard Lake	Rev. Msgr. Thomas C. Machalski, Jr.
Siena Heights University	Adrian	Sister Peg Albert, OP, Ph.D.
South University – Novi	Novi	Mr. William Bradford
Spring Arbor University	Spring Arbor	Dr. Brent Ellis
The Art Institute of Michigan	Novi	Ms. Tracey Bass
Thomas M. Cooley Law School	Lansing	Mr. Don LeDuc
University of Detroit Mercy	Detroit	Dr. Antoine M. Garibaldi
University of Phoenix – Southfield	Southfield	Mr. Tim Slottow
University of Phoenix – West Michigan Campus	Grand Rapids	Mr. Tim Slottow
Walsh College of Accountancy and Business	Troy	Ms. Stephanie W. Bergeron
Western Theological Seminary	Holland	Dr. Timothy L. Brown

¹This also includes chief executive officers with a variety of titles, including “dean,” “director,” etc.

Source: Directory of Michigan Institutions of Higher Education; Department of Energy, Labor and Economic Growth, 2011. Updated, Legislative Service Bureau, 2015.

FORMER MEMBERS OF UNIVERSITY GOVERNING BOARDS

REGENTS OF THE UNIVERSITY OF MICHIGAN, 1837-2015¹

Thomas Fitzgerald	1837	Henry Whiting	1858-1863
Robert McClelland	1837	Oliver L. Spaulding	1858-1863
Michael Hoffman	1837-1838	Luke Parsons	1858-1862
John F. Porter	1837-1838	Edward C. Walker	1864-1881
Lucius Lyon	1837-1839	George Willard	1864-1873
John Norvell	1837-1839	Thomas D. Gilbert	1864-1875
Seba Murphy	1837-1839	Thomas J. Joslin	1864-1867
John J. Adam	1837-1840	Henry C. Knight	1864-1867
Samuel Denton	1837-1840	Alvah Sweetzer	1864
Gideon O. Whittemore	1837-1840	James A. Sweezy	1864-1871
Henry R. Schoolcraft	1837-1841	Cyrus M. Stockwell	1865-1871
Isaac E. Cray	1837-1843	J. M. B. Sill	1867-1869
Ross Wilkins	1837-1842	Hiram A. Burt	1868-1875
Zina Pitcher	1837-1852	Joseph Estabrook	1870-1877
Gurdon C. Leech	1838-1840	Jonas H. McGowan	1870-1877
Jonathan Kearsley	1838-1852	Claudius B. Grant	1872-1879
Joseph W. Brown	1839-1840	Charles Rynd	1872-1879
Charles C. Trowbridge	1839-1842	Andrew Climie	1874-1881
George Duffield	1839-1848	Byron M. Cutcheon	1876-1883
Daniel Hudson	1840-1841	Samuel S. Walker	1876-1883
Samuel W. Dexter	1840-1841	Victory P. Collier	1877
Francis J. Higginson	1840-1841	George Duffield, Jr.	1877-1885
Michael A. Patterson	1840-1842	George L. Maltz	1878-1880
William Draper	1840-1844	Jacob J. Van Riper	1880-1885
Oliver C. Comstock	1841-1843	Ebenezer O. Grosvenor	1880-1887
George Goodman	1841-1843	James Shearer	1880-1887
John Owen	1841-1848	Austin Blair	1881-1889
Martin Kundig	1841-1845	James F. Joy	1882-1886
Randolph Manning	1842	Lyman D. Norris	1883
Andrew M. Fitch	1842-1846	Arthur M. Clark	1884-1891
Elisha Crane	1842-1846	Charles J. Willett	1884-1891
William A. Fletcher	1842-1846	Charles S. Draper	1886-1892
Lewis Cass	1843-1844	Moses W. Field	1886-1889
DeWitt C. Walker	1843-1844	Charles R. Whitman	1886-1893
Marvin Allen	1843-1852	Roger W. Butterfield	1888-1903
Robert R. Kellogg	1844-1845	Charles Hebard	1888-1895
Edward Mundy	1844-1848	Hermann Kiefer	1889-1901
Alexander H. Redfield	1844-1852	William J. Cocker ²	1890-1901
Minot T. Lane	1845-1849	Peter N. Cook	1892-1899
Austin E. Wing	1845-1850	Henry Howard	1892-1894
Elon Farnsworth	1846-1857	Levi L. Barbour	1892-1897
Charles C. Taylor	1846-1850	Henry S. Dean	1894-1907
Elijah Pilcher	1846-1852	Frank W. Fletcher	1894-1909
John G. Atterbury	1848-1852	Charles H. Hackley	1896
Justus Goodwin	1848-1852	George A. Farr	1896-1903
Benjamin F. H. Witherell	1848-1852	Charles D. Lawton	1898-1905
Edwin M. Cust	1849	Eli R. Sutton ³	1900-1902
Robert McClelland	1850-1852	Arthur Hill ⁴	1901-1909
Gustavus L. Foster	1850-1852	Levi L. Barbour	1902-1907
Epaphroditus Ransom	1850-1852	Henry W. Carey	1902-1909
Andrew Parsons	1852-1853	Peter White ⁵	1904-1908
Elisha Ely	1852-1854	Loyal E. Knappen ⁶	1904-1911
James Kingsley	1852-1857	Walter H. Sawyer ⁷	1906-1931
Edward S. Moore	1852-1857	Chase S. Osborn ⁸	1908-1911
Charles H. Palmer	1852-1857	Frank B. Leland	1908-1923
Michael F. Patterson	1852-1857	Junius E. Beal	1908-1939
William Upjohn	1852-1857	John H. Grant ⁹	1909-1913
Henry H. Northrop	1854-1857	George P. Codd ¹⁰	1910-1911
George W. Pack	1858	William L. Clements	1910-1933
John Van Vleck	1858	Harry C. Bulkley	1911-1917
Benjamin L. Baxter	1858-1863	Benjamin S. Hanchett ¹¹	1911-1929
Levi Bishop	1858-1863	Lucius L. Hubbard ¹²	1911-1933
George Bradley	1858-1863	William A. Comstock	1913
Ebenezer L. Brown	1858-1863	Victor M. Gore	1914-1929
William M. Ferry	1858-1863	James O. Murfin	1918-1937
J. Eastman Johnson	1858-1869	Ralph Stone	1924-1939
Donald McIntyre	1858-1863	Esther March Cram ¹³	1929-1943

REGENTS OF THE UNIVERSITY OF MICHIGAN (Cont.)

R. Perry Shorts ¹⁴	1930-1934	Alvin M. Bentley ²⁵	1966-1969
Richard R. Smith	1931-1937	Frederick C. Matthaei, Jr.	1967-1969
Edmund C. Shields	1933-1935	Otis M. Smith	1967-1971
Charles F. Hemans	1934-1941	Robert J. Brown ²⁶	1967-1975
Franklin M. Cook	1934-1941	Gertrude V. Huebner	1967-1975
David H. Crowley	1936-1943	Lawrence B. Lindemer ²⁷	1968-1975
John D. Lynch	1938-1945	Gerald R. Dunn	1969-1985
Edmund C. Shields	1938-1945	Robert E. Nederlander	1969-1985
Harry G. Kipke	1940-1947	Paul W. Brown	1971-1994
J. Joseph Herbert	1940-1955	James L. Waters	1971-1994
Alfred B. Connable	1942-1957	Deane Baker	1973-1996
Earl L. Burhans ¹⁵	1942	Sarah Goddard Power ²⁸	1975-1987
Franklin M. Cook ¹⁶	1942-1943	Thomas A. Roach	1975-1991
Vera Burrigde Baits	1943-1957	David Laro	1975-1981
R. Spencer Bishop ¹⁷	1943-1946	Nellie M. Varner	1981-1996
Ralph A. Hayward ¹⁸	1944-1951	Neal D. Nielsen	1985-1993
Roscoe O. Bonisteel, Sr.	1946-1959	Veronica Latta Smith	1985-1993
Otto E. Eckert	1946-1961	Philip H. Power	1987-1999
Charles S. Kennedy	1946-1961	Shirley M. McFee	1991-1999
Kenneth M. Stevens	1948-1955	Laurence B. Deitch	1993-
Murray D. Van Wagoner	1951	Rebecca McGowan	1993-2009
Leland I. Doan	1952-1959	Andrea Fischer Newman	1995-
Paul L. Adams ¹⁹	1956-1957	Daniel D. Horning	1995-2003
Eugene B. Power ²⁰	1956-1966	Olivia P. Maynard	1997-2012
Donald M. D. Thurber	1958-1963	S. Martin Taylor	1997-2012
Carl Brablec	1958-1967	David A. Brandon	1999-2006
Irene Ellis Murphy	1958-1967	Katherine E. White	1999-
William K. McNally ²¹	1960-1964	Andrew C. Richner	2003-
Frederick C. Matthaei ²²	1960-1967	Julia Donovan Darlow	2007-2014
Paul G. Goebel	1962-1971	Denise Iltich	2009-
Allan R. Sorenson ²³	1962-1967	Mark J. Bernstein	2013-
Robert P. Briggs ²⁴	1964-1968	Shauna Ryder Diggs	2013-
William B. Cudlip	1964-1973	Michael J. Behm	2015-

¹ Originally established as the Catholepistemiad or University of Michigania by an act of the territorial legislature in 1817, the first governing board of the institution consisted of the president and didactors or professors appointed by the governor. See An Act to establish the Catholepistemiad, or University of Michigania (1817), Laws of the Territory of Michigan.

In 1821, the territorial legislature established the university in Detroit as The University of Michigan. The governing board became a board of 21 trustees, to serve at the pleasure of the legislature and whose vacancies were to be filled by the legislature. The members of this first board were appointed in the act. See An Act for the establishment of An University (1821). An 1831 amendment changed the manner in which the trustees were chosen, making them appointments by the governor by and with the advice and consent of the legislative council. See An Act to amend the several acts to provide for the establishment of the University of Michigan (1831), Laws of the Territory of Michigan.

Act IV of 1837 reorganized the government of The University of Michigan by vesting responsibility in a 12-member board of regents to be appointed by the governor by and with the advice and consent of the senate. The first members appointed under the provisions of Act No. IV were divided into classes of 3, each class serving terms of 1, 2, 3, and 4 years. A subsequent amendment provided for the appointment of 3 members for 4-year terms beginning January 1, 1838. See Revised Statutes of 1838, title XI, ch. 2.

With the implementation of the Constitution of 1850, the post of regent became an elective one, with 1 regent elected in each judicial circuit for a term to be the same as that of a circuit judge. Act 25 of 1851 called for the first election of regents on the first Monday in April of 1851 and every sixth year thereafter. During this period, the size of the board ranged from 8 to 10 members.

In 1862, voters approved Joint Resolution No. 17, which reduced board membership to 8 members beginning in 1863. To be elected at the same time as justices of the supreme court, 2 members first elected under this constitutional amendment each served terms of 2, 4, 6, and 8 years. Subsequently, voters elected 2 regents at each regular election for terms of 8 years. Vacancies which occurred were filled by appointment of the governor.

The Constitution of 1908 did not change the composition or terms of the board; it merely called for the election of regents to occur at the regular biennial spring election, independently of elections for other state posts.

Implementation of the Constitution of 1963 resulted in the extension of the terms of the sitting board (Brablec, Murphy, McNally, Matthaei, Goebel, Sorenson, Cudlip and E. Power) with the enactment of Act 23 of the 2nd Extra Session of 1963. The first election of regents under the provisions of the Constitution of 1963 occurred at the November 1966 general election. See Act 5 of the 2nd Extra Session of 1963.

² Deceased; succeeded by Arthur Hill June 10, 1901.

³ Resigned; succeeded by Levi L. Barbour June 20, 1902.

⁴ Deceased; succeeded by John H. Grant December 23, 1909.

⁵ Deceased; succeeded by Chase S. Osborn July 3, 1908.

⁶ Resigned; succeeded by Benjamin S. Hanchett April 3, 1911.

⁷ Deceased; succeeded by Richard R. Smith May 11, 1931.

⁸ Resigned; succeeded by Lucius L. Hubbard January 11, 1911.

⁹ Deceased; succeeded by William A. Comstock February 14, 1913.

¹⁰ Resigned; succeeded by Harry C. Bulkeley April 7, 1911.

¹¹ Resigned; succeeded by Esther March Cram November 1, 1929.

¹² Resigned; succeeded by Edmund C. Shields January 11, 1933.

¹³ Resigned; succeeded by R. Spencer Bishop January 28, 1943.

¹⁴ Resigned; succeeded by James O. Murfin March 21, 1934.

¹⁵ Following the April 7, 1941, election at which voters elected Burhans to the Board of Regents, third-place finisher Franklin M. Cook sought to oust Burhans from the office, on the grounds that Burhans had no legal right to the seat. Burhans, who at the time of his election to the Board of Regents held the office of state senator from the 8th district, answered that the board office was his

REGENTS OF THE UNIVERSITY OF MICHIGAN (Cont.)

by right of a valid election. The secretary of state certified the election of Burhans and the other winning candidate, and Burhans had filed his oath as a regent and acted in that capacity. Cook asked the court to oust Burhans and to rule that he was the regent.

Citing the provisions of Const. 1908, art. 5, §7, and a previous decision, the Michigan Supreme Court held that Burhans was not a regent of the University of Michigan because every vote cast for him was void. The constitutional provisions and case law the court cited prohibited a member of the legislature from receiving any civil or elected appointment during the term for which the member was elected. The court also dismissed Burhans' contention that the regents were not state officers, but only officers of a corporate body known as the board of regents of the university. In dismissing the claim, the court again cited its previous decisions establishing the Board of Regents as a department of the state, created by the constitution to perform state functions.

Stating, "Defendant is a usurper in the office of regent . . . this ouster creates a vacancy in the office of regent," the court ousted Burhans on December 23, 1942. The court did, however, disagree on the means of filling the vacancy. The governor resolved the issue by appointing Franklin M. Cook to succeed Burhans on December 24, 1942. See *Attorney General, ex rel Cook v Burhans*, 304 Mich. 108 (1941).

¹⁶ Deceased; succeeded by Vera Burrige Baits May 21, 1943.

¹⁷ Deceased; succeeded by Roscoe O. Bonisteel, Sr. November 2, 1946.

¹⁸ Resigned; succeeded by Murray D. Van Wagoner January 24, 1951.

¹⁹ Resigned to become Michigan attorney general; succeeded by Donald M. D. Thurber January 4, 1958.

²⁰ Resigned; succeeded by Alvin M. Bentley April 4, 1966.

²¹ Deceased; succeeded by Robert P. Briggs November 10, 1964.

²² Resigned; succeeded by Frederick C. Matthaie, Jr. June 12, 1967.

²³ Resigned; succeeded by Otis M. Smith March 7, 1967.

²⁴ Resigned; succeeded by Lawrence B. Lindemer May 15, 1968.

²⁵ Deceased; succeeded by Lawrence B. Lindemer April 23, 1969.

²⁶ First members elected under Constitution of 1963; Act 5 of the 2nd Extra Session of 1963; Act 23 of the 2nd Extra Session of 1963.

²⁷ Resigned; succeeded by David Laro June 3, 1975.

²⁸ Deceased; succeeded by Philip H. Power June 17, 1987.

Sources: Archives, *Michigan Department of State Record of Civil Officers, 1835-1962*; Bentley Historical Library, University of Michigan; Bureau of Elections, Michigan Department of State, *Constitutions of the State of Michigan*; Great Seal Office, *Michigan Department of State Record of Civil Officers, 1963 - present*; *Laws of Michigan*; *Laws of the Territory of Michigan*; *Michigan Reports, Volume 304; Public and Local Acts of Michigan*; and *Revised Statutes of 1846*.

BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSITY, 1861-2015¹

Philo Parsons	1861-1865	Winfred G. Armstrong ⁹	1944-1954
Charles Rich	1861-1867	Sarah Van Hoosen Jones	1944-1955
Silas Yerkes	1861-1867	Frederick H. Mueller	1945-1957
Justus Gage	1861-1869	Ellsworth B. More ¹⁰	1948-1950
David Carpenter	1861-1871	Connor D. Smith	1950-1953
Hezekiah G. Wells	1861-1883	Arthur K. Rouse	1954-1959
A. S. Welch	1863-1869	Connor D. Smith	1954-1969
Abraham C. Prutzman	1867-1873	William E. Baker ¹¹	1956-1957
S. O. Knapp	1867-1873	C. Allen Harlan	1957-1969
Oramel Hosford	1869-1875	Jan B. Vanderploeg	1958-1963
J. Webster Childs	1869-1887	Don Stevens	1958-1979
George W. Phillips	1871-1883	Frank Merriman	1960-1975
A. Smith Dyckman	1873-1879	Warren M. Huff	1960-1977
Franklin Wells ²	1873-1903	Paul D. Bagwell ¹²	1964-1965
Milton J. Gadd	1875-1881	John S. Pingel ¹²	1964-1965
Henry G. Reynolds	1879-1885	Stephen S. Nisbet	1964-1971
Thomas D. Dewey	1881-1887	Frank Hartman ¹³	1965-1973
Elijah W. Rising	1883-1889	Clair A. White ¹³	1965-1973
Henry Chamberlain	1883-1897	Kenneth W. Thompson	1967-1975
Cyrus G. Luce	1885-1891	Blanche Martin	1969-1985
William B. McCreery	1887-1890	Patricia M. Carrigan	1971-1979
Charles W. Garfield	1887-1899	Aubrey Radcliffe	1973-1981
Oscar Palmer	1889-1891	Jack M. Stack	1973-1981
Asa C. Glidden	1889-1895	John B. Bruff ¹⁴	1975-1983
Edwin Phelps	1891-1895	Raymond W. Krolkowski	1975-1983
Ira Butterfield	1893	Michael J. Smydra ¹⁵	1977-1980
Charles F. Moore	1893-1899	Carole Lick	1979-1987
Charles J. Monroe	1895-1907	Barbara J. Sawyer	1979-1994
W. E. Boyden	1895-1897	Peter B. Fletcher	1980-1985
Arthur C. Bird	1897-1899	Elizabeth P. Howe ¹⁶	1981-1983
Thomas Frank Marston ³	1897-1909	Thomas Reed ¹⁷	1981-1992
Edward P. Allen	1899-1905	Bobby D. Crim ¹⁸	1983-1984
Hollister F. Marsh	1899-1905	Patrick J. Wilson	1983-1989
L. Whitney Watkins	1899-1905	Malcolm G. Dade, Jr.	1983-1991
William H. Wallace ⁴	1903-1921	Lawrence D. Owen	1984-1991
Aaron P. Bliss	1903-1910	Dean Pridgeon	1985-1993
Charles F. Moore ⁵	1903-1905	Kathleen M. Wilbur ¹⁹	1985-1991
Henry F. Buskirk	1905-1907	Joel I. Ferguson	1987-1994
William J. Oberdorfer	1905-1911	Robert E. Weiss ²⁰	1989-2002
Robert D. Graham	1905-1919	Dolores Cook	1991-2006
Alfred J. Doherty	1907-1919	John Shingleton	1991-1999
I. Roy Waterbury	1907-1921	Melanie Reinhold	1991-1993
William L. Carpenter	1909-1911	Russell Mawby ²¹	1992-1996
John W. Beaumont ⁶	1912-1921	Dorothy Gonzales	1993-2009
Jason Woodman	1912-1923	Bob Traxler ²²	1993-2000
Dora H. Stockman	1920-1931	Donald W. Nugent	1995-2011
L. Whitney Watkins	1920-1931	Colleen M. McNamara	1995-2011
John A. Doelle ⁷	1921-1922	David Porteous	1996-1997
Clark L. Brody	1921-1959	Joel I. Ferguson	1997-
Jay R. McColl	1922-1933	David Porteous	1999-2006
Melville B. McPherson	1922-1933	Scott Romney	2000-2009
Herbert W. Gowdy	1924-1929	Randall Pittman	2002-2004
William H. Berkey	1930-1947	Melanie Foster	2005-2012
Matilda R. Wilson	1932-1937	Faylene Owen	2007-2014
Gilbert L. Daane	1932-1937	George Perles	2007-
Benjamin H. Halstead	1934-1939	Dianne Byrum	2009-
Charles E. Downing	1934-1939	Diann Woodard	2009-
Lavina Masselink	1938-1943	Brian Breslin	2011-
James J. Jakway	1938-1943	Mitch Lyons	2011-
Melville B. McPherson ⁸	1940-1945	Brian Mosallam	2013-
Forest H. Akers	1940-1957	Melanie Foster	2015-

¹ Established as the Agricultural College of the State of Michigan by Act 130 of 1855, the Board of Instruction (professors and teachers) of the college acted as the first governing board of the institution. The act empowered the board to establish rules and regulations for the government of the college, subject to alteration or approval by the Board of Education.

Act 188 of 1861 reorganized the college, created a 6-member state board of agriculture to govern it, defined the board's powers and duties, and named and appointed the first board (D. Carpenter, Gage, Parsons, Wells, Yerkes, and Rich), allowing those members to determine their terms of office by lot, 2 members each serving terms of 2, 4, and 6 years. Subsequent terms were 6 years in length. With the enactment of Act 308 of 1905, the membership of the board was increased to 7.

In the Constitution of 1908, new sections 7 and 8, relative to the state board of agriculture, had the effect of making the governing body a constitutional board elected by the people instead of a statutory board appointed by the governor. *Bauer v State Board of Agriculture*, 164 Mich. 415 (1911). The number of board members was reduced to 6. The first elected board

BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSITY (Cont.)

consisted of 2 members each elected to terms of 2 (W. Carpenter, Oberdorfer), 4 (Doherty, Graham), and 6 (Wallace, Waterbury) years. Subsequent vacancies were filled at the regular biennial spring election for terms of 6 years.

In 1959, the name of the governing board of what had become Michigan State University of Agriculture and Applied Science was changed to "board of trustees." On April 6, 1959, voters approved Joint Resolution 2 as an amendment to the Constitution of 1908.

Under the Constitution of 1963, the membership of the board of trustees was increased to 8 and members' terms were lengthened to 8 years. To facilitate the transition of board operations, Act 23 of the 2nd Extra Session of 1963 extended the terms of the sitting board (Smith, Harlan, Stevens, Merriman, Huff, Nisbet) by 1 year and provided for the governor's appointment of 2 additional members to serve 1-year terms only. The election of the first board members under the provisions of the Constitution of 1963 occurred at the general election in November 1964. See Act 5 of the 2nd Extra Session of 1963.

² Deceased; succeeded by Charles F. Moore July 24, 1903.

³ Resigned; succeeded by William L. Carpenter May 27, 1909.

⁴ Resigned; succeeded by John A. Doelle September 17, 1921.

⁵ Resigned; succeeded by Henry F. Buskirk January 6, 1905.

⁶ Resigned; succeeded by Clark L. Brody October 8, 1921.

⁷ Resigned; succeeded by Jay R. McColl April 5, 1922.

⁸ Deceased; succeeded by Frederick H. Mueller August 2, 1945; Mueller reappointed February 20, 1946.

⁹ Deceased; succeeded by Connor D. Smith December 9, 1954.

¹⁰ Deceased; succeeded by Connor D. Smith May 24, 1950.

¹¹ Resigned; succeeded by C. Allen Harlan October 29, 1957.

¹² Appointed to 1-year term January 10, 1964. See Act 23 of the 2nd Extra Session of 1963; Act 5 of the 2nd Extra Session of 1963.

¹³ First members elected under Constitution of 1963, Act 5 of the 2nd Extra Session of 1963, and Act 23 of the 2nd Extra Session of 1963.

¹⁴ Resigned; succeeded by Malcolm G. Dade, Jr., March 14, 1983.

¹⁵ Resigned; succeeded by Peter B. Fletcher May 20, 1980.

¹⁶ Resigned; succeeded by Patrick J. Wilson March 14, 1983.

¹⁷ Resigned; succeeded by Russell Mawby January 1992.

¹⁸ Resigned; succeeded by Lawrence D. Owen October 3, 1984.

¹⁹ Resigned; succeeded by Melanie Reinhold January 18, 1991, who completed Wilbur's term ending January 1, 1993.

²⁰ Resigned; succeeded by Randall Pittman February 5, 2002.

²¹ Resigned; succeeded by David Porteous June 19, 1996, who completed Mawby's term ending January 1, 1997.

²² Resigned; succeeded by Scott Romney August 15, 2000, who completed Traxler's term ending January 1, 2001.

Sources: Archives, *Michigan Department of State Record of Civil Officers, 1835-1962*; Bureau of Elections, Michigan Department of State; *Constitutions of the State of Michigan*; Great Seal Office, *Michigan Department of State Record of Civil Officers, 1963 - present*; *Laws of Michigan*; *Michigan Reports, Volume 164*; *Public and Local Acts of Michigan*; and Secretary of the Board of Trustees, Michigan State University.

BOARD OF GOVERNORS OF WAYNE STATE UNIVERSITY, 1956-2015¹

Betty S. Becker	1956-1959	Michael Einheuser	1975-1991
Gladys F. Canty	1956-1959	Mildred Jeffrey	1975-1991
Warren B. Cooksey	1956-1959	Dauris Jackson (Mrs.) ¹³	1977-1979
Louise C. Grace	1956-1959	Richard C. Van Dusen ¹⁴	1979-1991
Leonard Kasle	1956-1959	George Romney	1979-1985
William D. Merrifield	1956-1959	Murray E. Jackson ¹⁵	1981-2001
Remus G. Robinson	1956-1959	C. Gary Artinian	1985-1993
Roscoe O. Bonisteel, Sr.	1956-1959	George N. Bashara	1985-1993
Forest H. Akers ²	1956-1957	Robert H. Naftaly	1987-1994
Charles G. Burns ³	1956-1957	Elizabeth Hardy	1991-2006
Melvin E. Bleich	1956-1959	Brenda M. Scott ¹⁶	1991-1995
Connor D. Smith ⁴	1957-1958	Michael Timmis ¹⁷	1991-1997
Chris H. Magnusson	1957-1959	Denise J. Lewis	1993-2001
Don Stevens	1958-1959	Edgar A. Scribner	1993-2001
Clair A. White	1959-1961	Diane Dunaskiss	1995-
DeWitt T. Burton	1959-1969	Vernice D. Anthony ¹⁸	1995-1998
Michael Ference, Jr. ⁵	1959-1965	Annetta Miller	1997-2012
Leonard Woodcock ⁶	1959-1970	John Kelly ¹⁹	1999-2002
Benjamin D. Burdick ⁷	1959-1964	Paul E. Massaron	2001-
Jean McKee	1959-1967	Jacquelin E. Washington	2001-2009
Thomas B. Adams	1962-1969	Paul Hillegonds	2002-2004
Alfred H. Whittaker	1964-1971	Eugene Driker	2002-2014
Charles H. Gershenson ⁸	1964-1965	Richard Bernstein	2003-2010
Norman O. Stockmeyer, Sr.	1964-1975	Tina Abbott	2005-2012
William B. Hall ⁹	1965-1967	Debbie Dingell	2007-2014
Benjamin M. Rose ¹⁰	1965-1969	Gary S. Pollard	2009-
Alfred H. Sokolowski	1967-1975	Danielle Karmanos ²⁰	2011-2013
Wilber M. Brucker, Jr. ¹¹	1967-1979	David A. Nicholson	2013-
Augustus J. Calloway	1969-1977	Sandra O'Brien	2013-
Kurt R. Keydel	1969-1981	Kim Trent	2013-
George C. Edwards	1969-1985	Marilyn Kelly	2015-
Leon H. Atchison	1970-2003	Dana Thompson	2015-
Max J. Pincus ¹²	1971-1987		

¹ Act 183 of 1956, establishing Wayne State University as a state institution of higher learning, also fixed the membership and powers of its governing board. Section 2 of the act created a temporary board of governors to serve until a "permanent" board could be elected at the regular biennial spring election of 1959. This temporary board consisted of 11 members representing the following: Detroit Board of Education (7 members serving on the effective date of Act 183 of 1956) - Becker, Canty, Cooksey, Grace, Kasle, Merrifield, Robinson; University of Michigan Board of Regents (1 member) - Bonisteel; State Board of Agriculture (1 member) - Akers; State Board of Education (1 member) - Burns; Governor's Office (1 member) - Bleich. This original board served from June 14, 1956 to May 19, 1959.

Section 3 of Act 183 provided for the election of a permanent, 6-member board, 2 members each to serve terms of 2 (Burton, White), 4 (Ference, Woodcock), and 6 (Burdick, McKee) years. Following the election of this first permanent board, 2 members were each elected for terms of 6 years, beginning with the spring election of 1961.

To facilitate the transition of board operations under the provisions of the Constitution of 1908 to those of the Constitution of 1963, Act 23 of the 2nd Extra Session of 1963 was enacted. The act extended by 1 year the terms of office of the 6 members of the sitting board (McKee, Burdick, Burton, Adams, Whittaker, Woodcock) and required the appointment by the governor of an additional 2 members to each serve a 1-year term. These appointments increased board membership to 8, as required by the Constitution of 1963. The election of the first board members under the Constitution of 1963 occurred at the general election in November 1964. See Act 5 of the 2nd Extra Session of 1963.

² Resigned; succeeded by Connor D. Smith September 1957.

³ Term of office on State Board of Education expired June 30, 1957; succeeded by Chris H. Magnusson August 1957.

⁴ Resigned; succeeded by Don Stevens February 1958.

⁵ Appointed to 1-year term January 21, 1964. See Act 23 of the 2nd Extra Session of 1963; Act 5 of the 2nd Extra Session of 1963.

⁶ Resigned; succeeded by Leon H. Atchison November 18, 1970.

⁷ Resigned; succeeded by Norman O. Stockmeyer, Sr. January 21, 1964.

⁸ Appointed to 1-year term January 21, 1964. See Act 23 of the 2nd Extra Session of 1963; Act 5 of the 2nd Extra Session of 1963.

⁹ One of first members elected under Constitution of 1963 and Act 5 of the 2nd Extra Session of 1963; resigned and succeeded by Wilber M. Brucker, Jr., September 19, 1967.

¹⁰ One of first members elected under Constitution of 1963 and Act 5 of the 2nd Extra Session of 1963; deceased; succeeded by Kurt R. Keydel April 30, 1969.

¹¹ Resigned; succeeded by Richard C. Van Dusen April 1, 1979.

¹² Deceased; succeeded by Robert H. Naftaly September 4, 1987.

¹³ Deceased; succeeded by George Romney November 29, 1979.

¹⁴ Deceased; succeeded by Michael Timmis September 24, 1991.

¹⁵ Resigned November 12, 2001; succeeded by Paul Hillegonds January 30, 2002.

¹⁶ Resigned October 25, 1995; succeeded by Michael Timmis following his resignation from the term he was completing, which was to expire on December 31, 1996.

¹⁷ Appointed by Governor John Engler on September 24, 1991, to complete Richard Van Dusen's term, which expired December 31, 1996; resigned on November 27, 1995, and reappointed on November 28, 1995, to complete Brenda Scott's term, which was to expire on December 31, 1998; resigned from second appointment effective December 31, 1996; Timmis succeeded by Vernice D. Anthony on November 28, 1995 (to complete Van Dusen's original term expiring December 31, 1996) and on January 1, 1997 (to complete Scott's original term expiring December 31, 1998).

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¹⁸ Appointed by Governor John Engler on November 28, 1995, to fill vacancy created by resignation of Michael Timmis, who was completing Richard Van Dusen's term expiring December 31, 1996; appointed to fill vacancy effective January 1, 1997, created by resignation of Michael Timmis, who was completing Brenda Scott's term expiring December 31, 1998.

¹⁹ Resigned December 18, 2002; succeeded by Eugene Driker December 18, 2002.

²⁰ Resigned February 1, 2013; succeeded by David A. Nicholson February 4, 2013.

Sources: Archives, *Michigan Department of State Record of Civil Officers, 1835-1962*; Bureau of Elections, Michigan Department of State; *Constitutions of the State of Michigan*; Great Seal Office, *Michigan Department of State Record of Civil Officers, 1963 - present*; *Public and Local Acts of Michigan*; and Secretary of the Board of Governors, Wayne State University.