



Other Departments and Offices for RESEARCH and SERVICES

Like other major universities, Michigan State University maintains a range of structural units to support activities and functions which, collectively sustain an environment in support of the intellectual enterprise that is Michigan State University. Such activities and functions include research; outreach and engagement programs; cultural events; health, counseling, and recreative services; and public information.

Some of the major units are described in the statements that follow.

INTERNATIONAL STUDIES and PROGRAMS

Steven D. Hanson, Associate Provost and Dean

Michigan State University (MSU) conducts education, research, and outreach and engagement on the East Lansing campus and in countries all over the world. The university's international work is coordinated and facilitated by the Office of International Studies and Programs (ISP). The wide array of activities and programs gives students, faculty and staff at MSU many ways to explore global issues and gain global experience and knowledge. Faculty members in virtually every discipline conduct international research to enhance MSU's courses.

ISP has geographic and thematic units located at the East Lansing campus. They include the African Studies Center, Asian Studies Center, Canadian Studies Center, Global Center for Food Systems Innovation, Center for Gender in Global Context, Center for Latin American and Caribbean Studies, and the Center for European, Russian and Eurasian Studies. Through its col-

leges, MSU offers area-specific focuses in African Studies, Asian Studies, Latin American and Caribbean Studies, Russian and East European Studies, Western European Studies, and Muslim Studies. Three of these centers are designated as national resource and language resource centers through the U.S. Department of Education Title VI program.

ISP also administers The MasterCard Foundation Scholars Program at MSU. This prestigious scholarship provides talented young people from economically disadvantaged communities in Sub-Saharan Africa with access to quality education, training, and job experience. Scholars participate in four-year undergraduate and two-year graduate programs and a customized leadership training program offered by ISP.

ISP's centers coordinate their activities with MSU's colleges, including the colleges of Agriculture and Natural Resources, Arts and Letters, Business, Education, Human Medicine, Osteopathic Medicine, Nursing, and Social Science among others. Along with the thematic and geographic units, MSU is also home to the Center for Advanced Study of International Development, the Center for International Business Education and Research, the Center for Language Education and Research, the Center for Global Connections in Food, Agriculture and Natural Resources, the Institute of International Health, and the Office of International Studies in Education.

MSU's study abroad programs are managed by ISP. Its Office of Study Abroad coordinates more than 275 MSU programs in over 60 countries worldwide. They range from English literature in London, to natural resources in Brazil, to education in South Africa, to Antarctic system science in Antarctica and Argentina. The Office of International Health and Safety, also under ISP, supports the health, safety, and security of all MSU international travelers.

ISP also administers the Japan Center for Michigan Universities on behalf of the 15 Michigan public universities in the consor-

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International Studies and Programs

tium. The center's programs build relationships among Japanese, American and other nationalities through internships and active learning and participation in language and culture.

ISP oversees the Office for International Students and Scholars, which serves approximately 1,200 visiting international scholars and more than 6,500 international students annually on campus. ISP facilitates partnerships, joint research, and development programs between MSU and a variety of international academic institutions, governments, private foundations, and the World Bank, and currently maintains about 280 collaborative agreements worldwide.

The Office of International Research and Collaboration was established at ISP to assist faculty with grant proposals for international projects. The office also helps connect faculty with other funding sources, and potential collaborators: partners abroad, at development firms, at other universities, and across disciplines.

For more information, call 1-517-355-2350, email infonew@isp.msu.edu or visit www.isp.msu.edu.

African Studies Center

Jamie Monson, *Director*

Founded in 1960, the African Studies Center promotes understanding of Africa on campus, in the State of Michigan, and throughout the nation. It's one of the most prominent centers for the study of Africa in the nation with 150 associated MSU faculty in 54 departments. The center encourages teaching and research concerning Africa and partnerships with Africans and African institutions. The center does not award degrees; rather, it generates and promotes Africa-related perspectives through undergraduate and graduate teaching programs and through interdisciplinary programs.

Fellowships are awarded by the Center for African Language and Area Studies in departments with African studies faculty. The faculty represent the College of Agriculture and Natural Resources, College of Arts and Letters, College of Communication Arts and Sciences, College of Education, College of Human Medicine, College of Music, College of Natural Science, College of Nursing, College of Osteopathic Medicine, College of Social Science, and the College of Veterinary Medicine.

An undergraduate minor in African Studies and a Global and Area Studies major are available for interested students. For additional information, refer to the College of Social Science section of this catalog. More than 20 study programs in Africa are available for shorter periods and semesters.

The Department of Linguistics and Germanic, Slavic, Asian and African Languages currently offers courses in Arabic, Hausa, and Swahili. By special arrangement, instruction is available in 30 African languages including Acholi, Aka/Twi, Amharic, Babara/Dyula/Mandingo, Bemba, Fula (Fulfulde, Pulaar), Igbo, Kikuyu, Kinyarwanda, Kpelle, Krio, Lingala, Luganda, Malagasay, Mende, Nyanja/Chichewa, Oromo, Sesotho, Shona, Somali, Temne, Tigrinya, West African Pidgin, Wolof, Xhosa/Zulu, and Yoruba.

The center administers an Outreach Program including the African Media Program which evaluates instructional materials about Africa and brings Africa-related materials into schools, colleges and universities, adult education programs, youth groups, community institutions, businesses, and the media.

For more detailed information, call 1-517-353-1700, email afrika@msu.edu, or visit <http://africa.isp.msu.edu/>.

Asian Studies Center

Siddharth Chandra, *Director*

The Asian Studies Center was established in 1962 to further knowledge and understanding of the countries of Asia, with a con-

centration on East Asia. In 2000, the center became the nation's first all-Asia National Undergraduate Resource Center, expanding the center's focus to include regions as diverse as Central and Southeast Asia.

The center's primary function is to enrich education in the social sciences, humanities, and professional school training through Asia-centered curricular, extra-curricular, and outreach activities. The center's programming is designed to educate people who wish to become area specialists, and integrate knowledge of Asia into their disciplinary studies. It also strengthens undergraduate and graduate academic programs, stimulates research and publications, and aids in partnerships with Asian institutions.

The center coordinates Asian Studies offerings within the various disciplines on campus. The Asian Studies Center does not award degrees; students are enrolled in participating colleges and departments. An undergraduate degree program in East Asian Languages and Cultures, an Asian concentration in the Bachelor of Arts degree in Global and Area Studies, and a Minor in Asian Studies are available. For additional information on degree programs, refer to the College of Social Science and the Department of Linguistics and Germanic, Slavic, Asian and African Languages in the College of Arts and Letters sections of this catalog.

Asian languages taught in the Department of Linguistics and Germanic Slavic, Asian and African Languages include Chinese, Japanese, Hindi, Nepali, Vietnamese, Tagalog, Thai, Korean, and others. Other academic units offering courses on Asia include Agricultural Economics, Anthropology, Art, Art History, and Design, Economics, Geography, History, James Madison, Philosophy, Political Science, Religious Studies, and Sociology. Interdisciplinary courses on Asia are also offered at the undergraduate level. Graduate students may receive funding through the Foreign Language and Area Studies (FLAS) grant program for advanced Asian language study in furtherance of their programs of study.

The center brings distinguished scholars as visiting professors to the campus in cooperation with interested departments, invites other specialists to the campus for lectures or seminars. The center also arranges special institutes on research and teaching and secures research support for faculty and graduate students. It houses several Asian country councils and various undergraduate and graduate student academic award programs.

For more information, call 1-517-353-1680, email asiansc@msu.edu, or visit <http://asia.isp.msu.edu/>.

Canadian Studies Center

Ann Marie Schneider, *Director*

The Canadian Studies Center is a multidisciplinary unit with over 70 faculty and graduate students representing over 30 departments, the Libraries, and the Michigan State University Museum. The center's mission is derived from MSU's land-grant ethic of teaching, research, and outreach. Since its inception in 1958 as a faculty interest group, the Canadian Studies Center has become a major generator of scholarship related to Canada in the United States. MSU faculty offer a broad array of courses, both undergraduate and graduate, and are involved in diverse research and outreach activities focusing on Canada and its relations with the United States, Latin America, the Pacific Basin, and Europe.

In partnership with the Canada-U.S. Fulbright program, the center hosts an annual senior Canadian Visiting Scholar and regularly arranges visits to campus of distinguished Canadian scholars, government personnel, and artists who lecture in courses, conduct seminars and colloquia, and consult with students and faculty. The annual CN Forum on Canada-U.S. Relations provides an opportunity for students and government and business

leaders from Michigan and Ontario to meet with national leaders as conferences, film series, and art exhibits are presented.

The center supports the Freshman Seminar Abroad in Quebec City and seeks to make resources available to Michigan public schools and programs. In addition, center faculty consult with the private and public sector on issues affecting Canada and maintain inter-institutional relationships with Canadian universities. The MSU Libraries rank among the top ten U.S. libraries in its support of Canadian Studies programs, and the MSU Press is a major U.S. publisher of scholarly books and monographs on Canada.

For more information, call 1-517-353-9349, email csc@msu.edu, or visit www.canadianstudies.isp.msu.edu.

Center for European, Russian and Eurasian Studies

Norman Graham, *Director*

Michigan State University offers hundreds of undergraduate and graduate courses relating to Europe, Eurasia, and the former Soviet Union. The Center for European, Russian and Eurasian Studies facilitates teaching, research, and outreach activities relating to these areas. There are two undergraduate specializations directly associated with the Center: the Western European Studies specialization and the Russian and East European Studies specialization. MSU faculty direct study abroad programs in 95 countries in the region including Belgium, Czech Republic, France, Germany, Romania, Russia, Turkey, Ukraine, and the United Kingdom.

The center coordinates visiting speakers, film series, conferences and workshops of interest to students, faculty, and the surrounding community. Numerous opportunities for study in Europe, Russia, and Eurasia are available, with support from the center's 80 core faculty and numerous partnerships with universities throughout Europe. The center also serves as a resource for elementary and secondary schools as well as for civic organizations and groups throughout the state.

For information about the minor in Russian and Eurasian Studies, refer to the *College of Arts and Letters* section of this catalog. For information about the minor in Western European Studies, refer to the *James Madison College* section of this catalog.

For additional information, call 1-517-355-3277, email ceres@msu.edu, or visit <http://ceres.isp.msu.edu/>.

Center for Latin American and Caribbean Studies

Laurie Medina, *Director*

The Center for Latin American and Caribbean Studies (CLACS) facilitates the study of this core region of the Americas. It is the nexus between the university curriculum, providing pathways that bring together students from diverse colleges. It also facilitates fruitful collaborations between MSU and other institutions in the U.S. and in the region. CLACS enriches formal instruction with experiential learning abroad, film and seminar series, visiting scholars, sponsored events, faculty and student research, and ready access to scholarly resources through campus repositories and loan programs. By situating disciplinary and language learning in cultural, historical, geographic and cross-cultural frames, students and faculty learn about the global cultural context permeating professional behavior. Participants become more ethno-sensitive, more culturally aware and more at home in a global community.

Academic units across the university offer courses with substantial Latin American and Caribbean content. A wide range of cultural and Spanish and Portuguese language offerings are available. Undergraduate students are served by a specialization program, experiential learning opportunities, and scholarships. Information about the specialization in Latin American and Carib-

bean Studies is found in the College of Social Science section of the catalog.

The director of CLACS is assisted by an elected advisory council that represents the more than 150 faculty members affiliated with the center.

For more information, call 1-517-353-1690, email clacs@msu.edu or visit <http://latinamerica.isp.msu.edu/>.

Office for International Students and Scholars

James Dorsett, *Director*

The Office for International Students and Scholars (OISS) provides services for students and scholars from over 130 countries who enroll, conduct research, or teach at Michigan State University. These services include advising on immigration procedures, financial needs, and personal concerns to promote a successful experience at MSU. OISS provides orientation sessions, workshops, and cultural events designed to acclimate students and scholars to the MSU community. OISS is MSU's primary information resource on issues related to international students and scholars; it collaborates with the offices of Admissions, Registrar, and Financial Aid, in addition to academic colleges, departments, and schools. The office acts as a liaison with community, national, and international organizations and agencies on international student and scholar issues.

For more information, call 1-517-353-1720, email oiss@msu.edu, or visit www.oiss.isp.msu.edu.

Office of Education Abroad

A key component of excellence in higher education today, study abroad is an integral part of the student experience, especially at MSU where one in four seniors have studied abroad by the time they graduate. Participating in MSU's nationally-recognized study abroad program helps its students prepare for our global society – gaining the knowledge, skills and attitudes that will prepare them for the challenges of living and working in a globalized world. With over 275 study abroad programs including every continent, students have access to study, intern, and research in more than 60 countries. A wide variety of courses abroad are available including Integrative Studies, required electives, and major-specific courses. Programs take place during every semester including winter and spring breaks, which, in combination with the diverse course selection and the variety of locations makes it possible for all majors to participate. Additionally, MSU offers a freshman seminars abroad that provide recently-graduated first-year students the opportunity to explore learning outside of the U.S. before their first semester on campus.

The Office of Education Abroad also administers the American Semester program, which allows students from MSU's international partner universities to study at MSU for a semester or two and transfer credits to their home institution.

Students are encouraged to explore study abroad opportunities as early as the summer before their freshman year. For additional information, see the *Guest Status at Another Institution* in the *Undergraduate Education* section of this catalog.

For more information, visit the Study Abroad Advising Center in room 108 of the International Center, call 1-517-353-8920, email studyabroad@isp.msu.edu, or visit www.studyabroad.isp.msu.edu.

Center for Gender in Global Context

The Center for Gender in Global Context (GenCen) in International Studies and Programs (ISP) draws together the strengths of the program in Women, Gender, and Social Justice in the College of Arts and Letters and the College of Social Science and the Gender, Development and Globalization Program in ISP. These programs have historically looked at gender in the U.S. and in international contexts. The center emphasizes women and gender in a global context, with distinctive new programs promoting teaching, research, and outreach relevant to 21st century concerns.

Working in conjunction with the academic colleges, the center promotes outstanding undergraduate and graduate education, facilitates research and scholarship of the highest caliber, and conducts innovative outreach and active learning. The center also works with colleges and departments to provide students with academic and active learning opportunities focused on gender and global change through gender-related degrees, specializations, and minors.

GenCen is recognized as a National Resource Center by the U.S. Department of Education Title VI program. The center publishes Gendered Perspectives on International Development (GPID) Working Papers and Resource Bulletin, publications featuring scholarly work and the most recent set of resources in international gender and development studies and issues.

Through its grant-writing services, GenCen promotes interdisciplinary, gender-focused faculty research. The center also sponsors speakers' series, colloquia and other events during the year.

For more information, call 1-517-353-5040, email gencen@msu.edu or visit <http://gencen.isp.msu.edu/>.

INFORMATION TECHNOLOGY SERVICES

Robert McCurdy, Acting Vice President of Information Technology and Chief Information Officer

Global technology trends increasingly shape and raise expectations of students, prospective students, faculty, staff, alumni, and visitors to Michigan State University. To meet these digital expectations, Information Technology (IT) Services and the Office of the CIO partner with the Provost and Executive Vice President for Administrative Services, Provost and Executive Vice President for Academic Affairs, and other academic, auxiliary, and administrative leaders. IT Services and the Office of the CIO provide the primary leadership for strategic, financial, and policy initiatives affecting technology across MSU. IT Services enables MSU's mission of providing education, conducting research, and advancing engagement. This work includes online learning systems, instructional technology, collaborative tools, user support, network infrastructure, data storage and integration, cybersecurity, and administrative applications. More information is at www.tech.msu.edu and <https://bolderit.msu.edu/>.

IT Services

Students, faculty, staff, alumni, and visitors increasingly experience Michigan State University through a digital lens. Our community expects contemporary, mobile, and digital solutions for research, teaching and learning, advancement activities, and enterprise systems.

IT Services is committed to providing academic and administrative technologies to support the work of MSU and its community. Our services are designed to:

Stabilize, manage, and improve core technology services like network infrastructure and data storage to support the university's growth.

As technology advances, the volume of data on the MSU network increases along with the need for secure information access, management, and storage. IT Services oversees the university's wired and wireless network, data centers, identity and access management, and mass storage. The MSU ID Office handles MSU NetID and Spartan Card activities and support. Our organization is also the steward of technology infrastructure for central academic and business information, associated policies and business practices, data stewardship, and university archives.

Encourage active learning and scholarship by students and faculty through instruction, study, research, and engagement.

Technology solutions support instructors in courses, student success, and innovative teaching and learning methods and models. IT Services supports campus computer labs and technology classrooms, technology room design, audiovisual services, conferencing technologies, test proctoring services, and collaborative technology tools. IT Services also offers instructional design and pedagogy course consultation, workshops, and best practices.

Advance MSU's culture of high performance among students, faculty, and staff.

To support a culture of high performance, the MSU IT Service Desk provides technology support for the MSU community on the phone, online, and in person. The MSU Computer Store – Help and Repair provides educational discounts on hardware and software, campus licensing, and computer repair and warranty services. IT Services is also focused on IT project and service management, as well as planning for future systems, tools, and technology trends. These processes help us prioritize and invest in new projects that are imperative to MSU's progress as a top-tier research university.

Provide a security framework with standards and initiatives to help protect institutional data, technology, systems, and resources.

Research projects, intellectual property, student and health information, and systems that interact with confidential data require added security protections. IT Services and the Chief Information Security Officer oversee network and system security through university initiatives like two-factor authentication, vulnerability management, incident response, established IT standards, and educational campaigns. The office also develops and maintains IT policies supporting MSU's integrated instructional, research, and public service mission while maintaining the confidentiality, integrity, and security of data.

Integrate data and information so it is readily accessible and useful for learning, research, analytics, and administrative work.

Harnessing data to inform and shape decisions is imperative for MSU. IT Services develops and maintains systems and data to sustain core university support and academic administration functions such as student records, course enrollment, financial aid, student billing, student payment processing, university finan-

cial records, payment card processing, human resources, and alumni/donor records. We also support institutional data asset collection and integration with different systems and tools across campus.

More information is available at www.tech.msu.edu.

FACILITY for RARE ISOTOPE BEAMS LABORATORY

Thomas Glasmacher, Director

Located on south campus near the Wharton Center, the Facility for Rare Isotope Beams (FRIB) Laboratory is the world's leading laboratory for education and research in rare isotope science, and aspires to become a leading laboratory in accelerator science and in applications of rare isotopes to meet societal needs. The laboratory builds on the expertise and the achievements of the operating National Superconducting Cyclotron Laboratory (NSCL) as it establishes FRIB, which will extend the frontier of nuclear science through unprecedented discovery potential. The FRIB Laboratory is a major administrative unit within Michigan State University, comprised of NSCL and the FRIB Project. The laboratory staff of approximately 750 includes faculty, postdoctoral fellows, technicians, engineers, and graduate and undergraduate students.

The FRIB Laboratory educates about 10% of the next generation of nuclear physicists for the United States. The U.S. News and World Report ranks MSU's nuclear physics Ph.D. graduate program #1 in the nation. Typically, about 120 graduate students from MSU and other universities use the laboratory's facilities for their graduate work in experimental or theoretical nuclear physics, nuclear chemistry, or accelerator physics. The doctoral degree programs are administered through academic departments, primarily Physics and Astronomy and Chemistry. Admission and program of study are subject to the regulations of the appropriate department. The FRIB Laboratory plays an important role in undergraduate education, providing experience for undergraduate students in a highly stimulating environment where students are exposed to forefront nuclear science research and technologies ranging from applied superconductivity to accelerators designed for cancer therapy. The laboratory employs about 120 undergraduate students.

NSCL is America's premier rare isotope facility. It operates as a national user facility funded by the National Science Foundation (NSF) Physics Division. NSCL facilities are available to MSU faculty and students and to scientists from all over the world on the basis of scientific merit. NSCL provides beams of rare isotopes (short-lived nuclei not normally found on Earth), that can be used with new research capabilities for stopped and reaccelerated beams, enabling researchers to explore the inner workings of atoms and their role in the universe.

The FRIB Project is a new \$730-million facility under construction now, to be completed by 2022. FRIB will ensure the nation's continued competitiveness in nuclear science by using next-generation technology needed for next-generation rare isotope experiments. FRIB will enable scientific research with fast, stopped, and reaccelerated rare isotope beams produced by in-beam fragmentation. MSU is establishing FRIB with financial assistance from the Office of Nuclear Physics in the U.S. Department of Energy Office of Science (DOE-SC).

FRIB will incorporate NSCL assets, supporting a community of approximately 1,400 scientists from around the world. Upon completion of the FRIB Project, the DOE-SC will fund operations of

the FRIB Laboratory as a national user facility, and NSF support of NSCL operations will end.

For more information visit frib.msu.edu or nscl.msu.edu or call 1-517-355-9672.

UNIVERSITY OUTREACH and ENGAGEMENT

Hiram E. Fitzgerald, Associate Provost

The Office of the Associate Provost for University Outreach and Engagement (UOE) supports scholars and academic units in actively collaborating with communities, to join the best of MSU research with the best community knowledge and expertise, to address such complex issues as regional economic and community development; early childhood development; K-12 education; community systems change; and the centrality of engagement in higher education. UOE facilitates the development of university-community partnerships designed to generate evidence-based solutions to community-based concerns, locally and globally. UOE:

- encourages and creates opportunities for community-based scholarship for faculty and graduate students;
- connects the university and its faculty with agencies, communities, schools, groups, businesses, non-profit and other organizations, professional associations, and varied public and private sector constituencies;
- uses asset-based models to obtain positive outcomes and long-term impacts, and to provide linkages between multidisciplinary faculty teams and external groups, facilitation services, and evaluation research and training;
- maintains facilities for usability and accessibility evaluation with user experience specialists to test and recommend designs for Web sites and information systems;
- develops and maintains Web sites that catalog a wide variety of Michigan State University's activities and areas of expertise;
- provides learning opportunities for undergraduate and graduate students to help them develop community-based research and engagement skills;
- collaborates with the Office of Vice President for Student Services and Affairs to facilitate inclusion of service-learning and civic engagement components in undergraduate courses;
- recommends institutional structures, policies, and procedures that will enhance public access to the university's knowledge resources;
- works to strengthen outreach and engagement incentives and rewards for faculty and for academic units;
- coordinates networks of faculty and community members around geographic areas (Lansing, Detroit, Flint, etc.) and topics of concern.

Across the university, the unit collects data and information about faculty, department, college, and institution outreach and engagement activity and participates in various national higher education benchmarking initiatives. It uses these data to provide information about what and how much the university is contributing to the public good in a given general locale such as a legislative district or an urban area, or about a particular societal issue.

RESEARCH AND SERVICES

University Outreach and Engagement

For more information, visit www.outreach.msu.edu or e-mail outreach@msu.edu, or call 517-353-8977. For information on statewide programs, see www.msustatewide.msu.edu. To learn about the University's many youth programs, see www.spartanyouth.msu.edu. University Outreach and Engagement is housed on the Garden Level, Kellogg Center.

Julian Samora Research Institute

Rubén Martínez, *Director*

The Julian Samora Research Institute (JSRI) generates, disseminates, and applies knowledge to serve the needs of Latino communities in the Midwest and the United States. To achieve its mission, the JSRI: 1) serves as the hub of an interdisciplinary research program on social, cultural, health and economic issues confronting Latino populations and communities; 2) advances Latino scholarship by encouraging and supporting Latino-focused faculty and students to conduct research and engage in mentoring, research assistantships, fellowships, symposia and related activities; and 3) transmits and disseminates knowledge and research findings to various academic, government, community and private institutions and officials.

In addition, JSRI provides technical expertise to the broader community on policy development issues facing Latinos, and promotes the development of Latino cultural and human capital through leadership development, community empowerment, and education. Through the generation, transmission and application of knowledge, JSRI is committed to transforming lives. By engaging Latino-focused researchers, agencies, practitioners, policymakers and Latino communities in collaborative learning, community-based projects, and responsive engagement, JSRI joins University Outreach and Engagement and the larger university community in contributing to the advancement of the larger society – both locally and globally.

Michigan State University Museum

Mark Auslander, *Director*

The MSU Museum is a multidisciplinary museum of sciences and cultural studies. The Museum's core functions are diverse. It is first and foremost an institution of learning and provides education for the widest of audiences through exhibits and related educational programs. The MSU Museum also delivers outreach programs across the state and farther afield through touring exhibits and teleconferenced 'virtual' classes to schools. As part of University Outreach and Engagement, the MSU Museum is committed to engaging the community with knowledge resources of MSU.

The one million objects in the Museum collections span the natural sciences (mostly vertebrate zoology and paleontology), anthropology and archaeology, history and technology, ethnology and folk and decorative arts. These collections support the Museum's public programs – especially the exhibits - and they are also used for course work for MSU students, especially in the natural sciences and cultural and art studies. Thousands of MSU students engage with the Museum's collections through their courses each year. The collections also support active research programs, by MSU faculty and students, and researchers based around the country and internationally.

Research materials include documented collections of fossil and modern vertebrates (mammals, birds, reptiles, amphibians, and fishes), folk art and folklife, historical materials, and archaeological materials from excavations of sites of early human habitations in the upper Great Lakes region. Collections are under the care of collections managers and curators. Curators may hold joint appointments in various MSU departments. Curators also

teach courses within their specialties and direct graduate student research. These collections and the fieldwork required to obtain them are closely correlated with teaching activities and strengthen the research and teaching capabilities of several academic areas. Interested students can participate in Museum fieldwork expeditions. Financial support can be available to assist research studies of students. Research contributions are published widely in refereed and popular media, and in periodic MSU Museum publications.

The MSU Museum collaborates with other academic units to offer the Specialization in Museum Studies that is administered by the Department of Art, Art History, and Design.

The MSU Museum is the home of the Michigan Traditional Arts Program, the State Folklife Program. Major outreach programs include the Great Lakes Folk Festival and travelling exhibitions service. The Museum provides technical assistance to small museums. Museum staff provide specialist advice to other museums and state agencies in areas relevant to their expertise (natural science, cultural studies, collection care, education, exhibition development).

The programs (collections, teaching, research and public programs) of the MSU Museum have a particular focus on the state of Michigan and the Great Lakes region, but also have strong national and international linkages and coverage. The Museum is a Smithsonian Affiliate Museum and is accredited by the American Association of Museums.

The MSU Museum occupies several sites on campus. The main building on West Circle Drive houses the public exhibition galleries, together with offices and some collection storage. Long term-exhibitions include Heritage Hall, Hall of World Cultures, Michigan Artists – Passing on Traditions, Hall of Evolution, Habitat Hall, Animal Diversity, and Collections-Connections. In addition to the long-term displays, large and small changing exhibits, events and educational programs are featured throughout the year. Changing exhibits relate to any of the Museum disciplines and increasingly are profiling the nature and impacts of MSU research.

The MSU Museum has a flexible-function, technology-enabled auditorium with seating up to 80. The Museum is available for special events, and some galleries can provide a unique venue experience. The Museum store offers educational and gift items that relate to themes of the displays.

The main public building is open to the public and students from 9:00 a.m. to 5:00 p.m. Monday – Friday, 10:00 a.m. to 5:00 p.m. Saturday, and 1:00 p.m. to 5:00 p.m., Sunday. Students may arrange access to collections outside of these hours by contacting with Museum staff.

Museum collections are also housed at other non-public sites around campus, which can be accessed with the appropriate curator or collections manager.

For more information, visit www.museum.msu.edu; call 1-517-355-2370 or email pr@museum.msu.edu for general inquiries.

OFFICE OF THE PRESIDENT

Lou Anna K. Simon, President

Office for Inclusion and Intercultural Initiatives

Paulette Granberry Russell, *Director and Senior Advisor to the President for Diversity*

The Office for Inclusion and Intercultural Initiatives serves as an executive-level focal point for the promotion of inclusion and diversity at Michigan State University. Through its leadership and support of university-wide initiatives on inclusive excellence, it strengthens and creates a supportive environment for the Michigan State University community, fostering inclusion, diversity, institutional equity, and intercultural understanding. It facilitates collaboration within and across units through assessment and education which promotes and enhances equity, respect, civility, and accountability.

The office provides a broad spectrum of instructional opportunities for faculty, staff and students on diversity and inclusion issues; bias, and global and intercultural understanding. It also promotes consideration of best practices that advance a culture of inclusion at MSU.

The Office serves as the primary resource to the president, provost and various other university officials on issues of diversity and inclusion. The coordination of all these endeavors leads to greater coherence and connectivity of inclusiveness at Michigan State University and beyond.

For more information, visit www.inclusion.msu.edu, email inclusion@msu.edu; or call 1-517-353-3924.

Office of Institution Equity

The Office of Institutional Equity (OIE) is responsible for the University's compliance with federal and state laws and University policies and procedures regarding discrimination, harassment, relationship violence, stalking, and sexual misconduct. The Office is responsible for investigating all allegations of prohibited discrimination and harassment, relationship violence, stalking, and sexual misconduct, and provides training to recognize and prevent such incidents. The Office also collaborates with other campus offices to encourage best practices to promote a culture of inclusion.

OIE reviews concerns related to discrimination and harassment based on sex, gender, gender identity, race, national origin, religion, disability status, and any other protected categories under the University Anti-Discrimination Policy and Policy on Relationship Violence and Sexual Misconduct.

For more information, contact OIEquity@msu.edu or call 1-517-353-3922.

Research Integrity Officer

James Pivarnik, Research Integrity Officer

The Research Integrity Officer (RIO) is responsible for ensuring the MSU Procedures Concerning Allegations of Misconduct in Research and Creative Activities are carried out in an unbiased, confidential, and professional manner. Research Misconduct includes fabrication, falsification, plagiarism, or any other practice, that seriously deviates from practices commonly accepted in the discipline or in the academic and research communities generally in proposing, performing, reviewing, or reporting research and creative activities. Misconduct does not include honest error or honest differences in the interpretation or judgment of data. Initial inquiries regarding potential research misconduct cases are held in strict confidence. The RIO is located at Olds Hall, 408 West

Circle Drive, Room 107 and can be reached at 1-517-432-6698 or by e-mail at rio@msu.edu. Visit www.rio.msu.edu for more information.

The Michigan State University Alumni Association

The Michigan State University Alumni Association continues to evolve in the ways in which it provides value to the university, alumni community, collegiate peers, corporate partners, students and fans of the university. With a focus on philanthropy, service and learning we provide a wide-range of opportunities for Spartans to stay connected to the university. From annual events such as Spartans Will Power Global Day of Service, Grandparents University, Alumni University, Homecoming, Spartan Pathways Travel and Odyssey to Oxford to hundreds of in-person engagement opportunities across the United States and around the world; through both regional events hosted by our own staff as well as a variety of events conducted by our nearly 200 alumni clubs across the globe.

For those who cannot be with us in person, The MSU Alumni Association offers hundreds of online engagement opportunities through our website in a variety of subject matter. By offering a wide variety of programming developed alongside our campus partners, we're able to offer experiences for Spartans both near and far. This includes original online content created by the MSU Alumni Association, livestreams of guest lecturers, some of MSU's favorite professors, and high-profile alumni who are transforming the world today.

The MSU Alumni Association embodies Michigan State University's world-grant mission to make the world a better place through collective Spartan power. Through engagement and continuing education, MSUAA fosters lifelong connections with more than 500,000 Spartans around the world. Visit <http://alumni.msu.edu>.

University Ombudsperson

Robert A. Caldwell, University Ombudsperson
Shannon Lynn Burton, Associate Ombudsperson

The University Ombudsperson is a senior faculty member appointed by the President to help students resolve disputes in a confidential, impartial, independent, and informal manner. After assessing the validity of each complaint, the University Ombudsperson, along with the Associate University Ombudsperson, advise students on possible remedies and, where indicated, actively assist students in securing a fair resolution of the matter. They also advise faculty, administrators, and staff of university policies and regulations that might guide their decisions. To support these efforts, the Office of the University Ombudsperson has broad powers of investigation, including direct and ready access to university officers and faculty and to official records. Communication with the Office of the University Ombudsperson does not put the university on notice. The Office of the University Ombudsperson was established in 1967 with the adoption of Student Rights and Responsibility at Michigan State University. For further information, see <http://ombud.msu.edu/>, or e-mail ombud@msu.edu or call 1-517-353-8830.

OFFICE OF THE PROVOST

June Youatt, Provost

The Provost and Executive Vice President for Academic Affairs provides leadership for matters that affect academic programs, research, and outreach. The Provost is the principal academic officer of the University with administrative responsibility for the colleges including the Michigan State University College of Law, academic programs, and all academic units including the Honors College, International Studies and Programs, and the Facility for Rare Isotope Beams.

The Office of the Provost also has administrative responsibility for academic support units: Undergraduate Education, the Hub for Innovation in Learning and Technology, International Studies and Programs, The Graduate School, Academic Human Resources, Academic Services and Enrollment Management (including the Office of Admissions, the Office of Financial Aid, and the Office of the Registrar), Office for Inclusion and Intercultural Initiatives (jointly with the President), Academic Advancement Network, MSU Libraries, Information Technology Services (jointly with the Executive Vice President for Administrative Services), the Eli and Edythe Broad Art Museum, Olin Health Center, Office of Planning and Budgets (jointly with the Executive Vice President for Administrative Services), Student-Athlete Support Services, University Outreach and Engagement (including the Wharton Center for Performing Arts and Institute for Arts and Creativity, and the MSU Museum), the WorkLife Office, and the Office of the Secretary for Academic Governance.

In addition, the Office has university-wide responsibility for summer session programs, commencement, liaison with academic governance standing committees, and awards for faculty and graduate assistants.

The Office of the Provost has responsibility at the dean's level for the Department of Aerospace Studies and the Department of Military Science. The two departmental units and selected administrative units are described in the statements which follow.

For more information visit www.provost.msu.edu, e-mail provost@msu.edu, or call 1-517-355-6550.

DEPARTMENT OF AEROSPACE STUDIES

The United States Air Force Reserve Officer Training Corps (AFROTC) is a nationwide program that allows students to pursue commissions (become officers) in the United States Air Force (USAF) while simultaneously attending college. The program consists of three-year, four-year, or five-year academic programs depending on the student's major. The program is broken into two distinct segments, the General Military Corps (GMC) and the Professional Officer Corps (POC), both of which are taken on-campus. In addition, prior to admission into the POC, AFROTC students must complete a four-week field training encampment off-campus.

AFROTC classes are held on college campuses in the United States and Puerto Rico, and students register through normal course registration processes. AFROTC consists of Aerospace Studies classes (Foundations of the USAF, Evolution of USAF and Space Power, Air Force Leadership Studies, and National Security Affairs/Preparation for Active Duty), and a corresponding Leadership Laboratory for each year whereby students apply leadership skills, demonstrate command and effective communication, develop physical fitness, and practice military customs and courtesies. College students enrolled in the AFROTC program are known as "cadets." Cadets who successfully complete both AFROTC training and college degree requirements will

graduate and simultaneously commission as Second Lieutenants in the Active Duty Air Force.

Scholarships

The AFROTC program offers to qualified high school applicants the opportunity to compete for a 4-year scholarship. The application may be submitted online from May 1st of the student's junior year through December 1st of his/her senior year of high school. Visit www.afrotc.com for more information and the application for the High School Scholarship program.

In-College Scholarships are awarded on a competitive basis for 2 to 3.5 years. Applicants competing for In-College Scholarships must be enrolled as a cadet and nominated by a member of the detachment cadre (instructors). Enrollment in AFROTC courses alone does not constitute grounds for scholarship consideration.

Scholarships cover tuition, fees, a book allowance, and a monthly subsistence allowance referred to as a "stipend." Stipends range from \$300-\$500 monthly depending on the student's academic classification (freshman, sophomore, junior, senior).

General Military Course

The GMC consists of four 1-credit courses, normally completed during the freshman and sophomore years. The 100-level portion of the GMC examines the Air Force in the contemporary world. The 200-level portion of the GMC focuses on a study of Air Power through the jet age, a historical review of the employment of air power in military and nonmilitary operations, and the evolution of air power concepts and doctrine.

Students in the three-year program must be concurrently enrolled in both the freshman (100-level) and the sophomore (200-level) courses each semester of their sophomore year.

Portions of the GMC may be waived for students with prior military experience or for students who transfer from another reserve officer training program.

Professional Officers Course

Students are accepted into the POC on a competitive basis provided they have at least two years of full-time undergraduate course work remaining. Performance in the GMC and the field training encampment are among the factors considered.

The POC consists of four 3-credit courses that extend over a two-year period. The 300-level portion of the POC emphasizes the concepts and skills required of a successful leader. The 400-level portion of the POC is designed to provide future Air Force officers with background information in national security policy issues while stressing responsibilities of the military officer and civil-military relations.

Students who successfully complete the requirements of the POC and their degree programs will be commissioned as Second Lieutenants in the United States Air Force and will enter active duty within one year. Delay of entry to active duty to study at the master's or doctoral level may be permitted. There are many career opportunities individuals can qualify for, including but not limited to pilot, space and missile operations, cyberspace operations, engineering, medical and nursing career fields.

Leadership Laboratory

Leadership Laboratory consists of a series of 1-credit hour labs that accompany the academic class each semester throughout the program. As part of the GMC and POC, the student is a member of an organized cadet corps that conducts a leadership laboratory. Instruction is conducted within the framework of the cadet corps with a progression of experiences designed to develop each student's leadership potential.

Field Training

Students in the program compete to attend a four-week field training encampment at Maxwell Air Force Base, AL. Students attend this encampment the summer between their sophomore and junior years. Encampment expenses are paid for by the U.S. Air Force. For more information, visit www.msu.edu/~airforce; email airforce@msu.edu; or call 1-517-355-2168.

DEPARTMENT OF MILITARY SCIENCE

The U.S. Army Reserve Officers' Training Corps (ROTC) Program offers undergraduate and graduate students an opportunity to qualify as commissioned officers in the United States Army. The ROTC program provides preparation for leadership in any profession, military or civilian.

General Eligibility Requirements

To enroll in the Reserve Officers' Training Corps program, the student must:

1. Be of good moral character.
2. Be a citizen of the United States. (Foreign nationals may enroll by special request.)
3. Be enrolled as a full-time student at Michigan State University.
4. Execute an oath of loyalty to the United States.
5. Not be a conscientious objector.

Additional requirements exist for Advanced Course participation. Contact the Department of Military Science for specific information.

Uniforms and Textbooks

The department provides students with Army uniforms and equipment required for military training. Students also receive all textbooks required for Military Science classes from the department. Upon graduation or dis-enrollment, students must return all materials and equipment to the department.

ROTC Scholarships

The ROTC program offers four-year, three-year, and two-year scholarships to qualified students. An Army ROTC scholarship can provide all or most of the tuition and fees at Michigan State University. The scholarship also provides an allowance for text books. Scholarship students also receive a monthly allowance for up to ten months per year ranging from \$300 to \$500. Scholarship students must meet university admissions criteria.

ROTC Basic Course

The Basic Course, normally completed in the freshman and sophomore years, provides the student with a general knowledge of the military's role in our society, and the missions of the Army. It is possible for a sophomore to complete the Basic Course in one year through prior arrangement with the department. Non-scholarship students incur no military obligation for participating in or completing the Basic Course. Successful completion of the Basic Course is a prerequisite for enrollment in the ROTC Advanced course. Additionally, selected sophomores and juniors can also qualify for the Basic Course by completing ROTC Leadership Trainers Course at Fort Knox, KY in the summer, or through prior military service, either active or reserve.

ROTC Advanced Course

The Advanced Course is the professional phase of the ROTC program. The Advanced Course includes courses in leadership skills, training and personnel management, ethics, military justice, and military tactics. Students must complete a military history course through the Department of Military Science or through an-

other approved list of MSU approved courses. Military Science IV students must complete a department approved staff ride during their final year of studies. Finally, all Advanced Course cadets must meet the Army standards for physical fitness and height/weight requirements. All Advanced Course students must attend a four-week long Advanced Camp at Fort Knox, KY. Students normally attend the Advanced Camp the summer between their junior and senior years.

Upon satisfactory completion of the Advanced Course requirements and the awarding of the bachelor's degree, the student is eligible for a commission as a Second Lieutenant in the United States Army, the U.S. Army Reserve, or the Army National Guard.

Special Opportunities

Selected students participating in the ROTC program may attend Airborne, Air Assault, Mountain Warfare, or Northern Warfare training. Additionally, selected students have the opportunity to participate in a Cultural Awareness program, Foreign Language Program, Nurse Summer Training Program, or Cadet Troop Leadership Training in which they perform the duties of an officer at an Army installation. Non-scholarship students in the Advanced Course may elect to serve as officer trainees in local National Guard and Army Reserve units, thereby receiving additional training, experience, and financial support while attending college.

Credit for Previous Military Training

Students with previous collegiate military training may receive transfer credit for corresponding Military Science courses completed satisfactorily in a senior division ROTC unit in another college or university. Students with prior military service may enroll for Advanced Course training. See www.armyrotc.msu.edu.

ELI AND EDYTHE BROAD ART MUSEUM

The Eli and Edythe Broad Art Museum is an engaged public institution that reflects through art the longstanding global focus of Michigan State University. Expressly dedicated to exploring contemporary culture and ideas through the probing gaze of international artists, the Broad MSU is a place where artists' ideas, words, and actions create a vibrant center for questioning and understanding the world. Committed to education, experimentation, and study, the Broad MSU is a laboratory for the new, grounded in a deep appreciation for the historical. The Broad MSU is committed to expanding, preserving, exhibiting, and interpreting its collection of artwork from ancient cultures to the present day.

For more information, visit www.broadmuseum.msu.edu, e-mail eebam@msu.edu, or call 1-517-884-4800.

SELECTED ADMINISTRATIVE UNITS

Office of Financial Aid

Richard L. Shipman, *Director*

The core mission of the Office of Financial Aid is to assist Michigan State University students fund their educational costs through federal, state, private, and institutional financial assistance that includes grants, scholarships, work programs, and loans. Approximately 65% of all MSU students receive some form of financial aid through this office.

Most funding is awarded based upon financial need as determined by the Free Application for Federal Student Aid (FAFSA) which is completed annually by students and parents online at www.fafsa.gov.

RESEARCH AND SERVICES Office of the Provost

Staff members advise students via individual meetings, phone calls, and e-mail regarding both short-and long-term financial assistance. Additionally, they provide general college financing information for students, parents, faculty, staff, high school counselors, and prospective students through a variety of workshops, presentations, and events.

For information on available aid and the application process, visit the Office of Financial Aid Web site at www.finaid.msu.edu, e-mail finaid@msu.edu, or call 1-517-353-5940.

Office of the Secretary for Academic Governance

Gary Hoppenstand, *Secretary*

The Secretary for Academic Governance is secretary to the Academic Congress, University Council, Steering Committee, and Faculty Senate and serves as ex-officio member on the University Committee on Academic Governance. The Office of the Secretary provides staff support to University Council and its committees, and provides assistance to colleges, departments, and schools in the preparation and interpretation of unit bylaws for academic governance. For more information, visit <http://acadgov.msu.edu>, e-mail acadgov@msu.edu, or call 1-517-355-2337.

Student-Athlete Support Services

James R. Pignataro, *Director*

Student-Athlete Support Services (SASS) helps student-athletes reach their full potential. Its mission is to provide each student-athlete with guidance, resources and support that will enhance their development both academically and personally. This is accomplished within a proactive success driven environment which delivers quality academic services and diverse programming.

The SASS philosophy is to offer an academic support program, integrated with the university, that will assist all student-athletes with their transition into college. This all-encompassing support continues throughout each student-athlete's collegiate career until the day he or she receives a diploma, obtains employment, or enters graduate school.

The SASS academic coordinators have expert knowledge in NCAA and Big Ten regulations and the Learning Specialist and subject tutors are trained to work proactively with student-athletes from 25 varsity sports throughout their college careers.

SASS is housed in a nationally recognized facility, the Clara Bell Smith Student-Athlete Academic Center, where a wide range of services and facilities are available, including academic counseling, computer labs with instruction, tutoring in all subject areas, career planning, community-service opportunities, personal-development workshops, and informing student-athletes about athletic eligibility, course registration, and current NCAA, Big Ten and university rules and regulations. Visit: www.sass.msu.edu or call 1-517-355-2204.

University Archives and Historical Collections

The Michigan State University Archives and Historical Collections (UAHC) is a place of discovery. More than 150 years of campus history can be explored using photograph collections, student publications, alumni and faculty papers, and records from university presidents and administrative units. Collection highlights of non-university related material include Civil War collections, lumbering industry collections, photographs of the Lansing/East Lansing community, and environmental collections. UAHC staff work closely with teaching faculty to incorporate original historical materials into the learning process. Materials in the University Archives and Historical Collections are available for use in the

reading room by all MSU faculty, staff, students, and members of the public.

The University Archives is also responsible for the management of the university's inactive business records, including the preparation of retention schedules for its administrative, fiscal, personnel, and academic records. UAHC assists university units in the efficient administration and management of official paper and electronic records of the university. The UAHC staff provides ongoing support and training to the university community in records management, storage, and retrieval in order to ensure compliance with all relevant state and federal laws and regulations. UAHC provides guidance on records topics, including management of electronic records, email, research data, and scanned documents.

For further information, call 1-517-355-2330 e-mail archives@msu.edu, or visit www.archives.msu.edu.

WorkLife Office

Dr. Barbara Roberts, *Executive Director*

The WorkLife Office supports faculty and staff with family care needs, career transitions, workplace challenges and relocation needs, along with research into best practices for flexible work arrangements in a contemporary employment setting. Education and support around workplace dynamics, resources and climate are provided.

The Office collaborates with partners across campus. Through consultation, education, resources and referrals, the staff of the WorkLife Office coordinates services to provide support to faculty and staff at MSU to ensure more satisfying and productive careers.

OFFICE of the VICE PRESIDENT for RESEARCH and GRADUATE STUDIES

Stephen Hsu, Vice President for Research and Graduate Studies

Research and creative activity are part of the daily life of professors and students alike at Michigan State University. What scientists learn in their laboratories becomes what they teach and transfer into the marketplace. The goal of such curiosity, creativity, and learning, is a deeper understanding of individuals, society, and the world.

In the land-grant, problem-solving tradition, Michigan State University's research breakthroughs have improved life for people around the world, from cross-fertilization of corn in the 1870s to successful anticancer drugs in the 1960s and then to novel approaches for treating and stopping the spread of malaria in the 21st century.

In concert with the Provost, the office is responsible for recruiting outstanding faculty through MSU's Global Impact Initiative, and maintaining synergy between research and creative scholarship and the education of graduate students through The Graduate School. The Office of the Vice President for Research and Graduate Studies:

1. promotes the increase in quality and quantity of Michigan State University research by providing many types of support, such as:

- a. seed funding for promising research and creative activity
 - b. coordination and support of the research grant proposal process
 - c. the latest research training, facilities and infrastructure
 - d. proactive opportunities for sponsored research
 - e. protection and licensing of intellectual property
 - f. support for scale-up and commercialization of ideas, and
 - g. recognition of research excellence in faculty recruitment, retention, and career development
2. oversees the ethical conduct of research, including conflict of interest issues
 3. implements university policies relevant to research and creative activities
 4. enhances the safety of researchers and research subjects
 5. assures compliance with state and federal regulations regarding research
 6. seeks ways to contribute to the state's economic development by leveraging the university's intellectual capital.

Michigan State University has more than 100 active research centers and institutes on campus, as well as field research sites throughout the state of Michigan. Most are interdisciplinary and several are joint initiatives between Michigan State University and other universities around the world. Examples of these research collaborations include:

1. The Facility for Rare Isotope Beams (FRIB), a new national user facility for nuclear science, funded by the Department of Energy Office of Science (DOE-SC), Michigan State University (MSU), and the State of Michigan. Located on-campus and operated by MSU, FRIB will provide intense beams of rare isotopes, that is, short-lived nuclei not normally found on Earth.
2. The National Science Foundation Science and Technology Center for the Study of Evolution in Action (BEACON), a consortium, led by Michigan State University and including North Carolina A&T State University, University of Idaho, University of Texas at Austin and University of Washington, which is exploring evolution in both natural and digital settings.
3. The Great Lakes Bioenergy Research Center (GLBRC), funded by the U.S. Department of Energy and led by the University of Wisconsin-Madison, to conduct transformational biofuels research.
4. The 4.1m Southern Astrophysical Research (SOAR) telescope in Cerro Pachon, Chile, operated by a consortium including Michigan State University, the University of North Carolina at Chapel Hill, the National Optical Astronomy Observatory, and the country of Brazil.

The university also maintains a wide array of research support facilities, such as the Research Technology Support Facility (RTSF), which provides technical and analytical support for biomedical and agricultural research in genomics, proteomics, bioinformatics, and mass spectrometry, the Institute for Cyber-Enabled Research (iCER), which provides advanced computational resources for research, and the Center for Statistical Training and Consulting (CSTAT), which provides training, grant development, and consulting in statistics for faculty, staff, and graduate students. The Clinical Translational Sciences Institute (CTSI) supports an interdisciplinary group of MSU scholars and medical community partners performing research, clinical trials, and medical investigations focused on improving human health.

The Office of the Vice President for Research and Graduate Studies strongly encourages student research and creative activities at the undergraduate and the graduate level. The unit also supports entrepreneurship opportunities for students.

For more information, e-mail vrpgs@msu.edu, call 1-517-355-0306, or visit www.vprgs.msu.edu. To read about

Michigan State University success stories, visit www.research.msu.edu.

Michigan State University Press

Gabriel Dotto, *Director*

Michigan State University Press is the scholarly publishing arm of the university. The Press publishes electronic and print books and journals across all scholarly fields, with concentrations in the humanities, liberal arts, and social sciences.

For more information, call 1-517-355-9543 or visit www.msupress.org.

MSU Bioeconomy Institute

The MSU Bioeconomy Institute complements and extends MSU campus research that supports the emerging bioeconomy, including biofuels, bio-based specialty chemicals and biomaterials. The institute provides microbial fermentation and chemical pilot plant scale-up production and conducts sponsored research and testing for both for-profit and not-for-profit entities of all sizes. It also offers business incubation opportunities and extensive laboratory space rental, as well as educational programming and training.

For more information, call 1-616-395-8918 or visit www.bioeconomy.msu.edu.

Office of Regulatory Affairs

J.R. Haywood, *Assistant Vice President for Regulatory Affairs*

Michigan State University researchers seek to conduct their research in ways that protect the health and safety of research subjects and investigators, as well as the environment. The Office of Regulatory Affairs (ORA) offers online and face-to-face training and resources to help researchers assure safety in their labs, conduct research responsibly, and comply with relevant regulations. ORA also pursues accreditation and certifications to assure that programs relating to human and animal subjects and environmental health and safety not only meet, but exceed, federal regulations. These efforts aim to maintain Michigan State University's respected compliance record. The major units within the office include:

Human Research Protection Program (HRRP)- protects individuals who are subjects of research through policies, procedures, and monitoring to ensure safe and ethical practices. The program is fully accredited by the Association for the Accreditation of Human Research Protection Programs, which ensures research participants that their safety and privacy are protected, whether they are part of a clinical trial or an opinion survey. The Institutional Review Board (IRB), the Human Research Liaison Offices, and the MSU IRB committees are part of this program. For more information, call 1-517-355-2180, e-mail irb@msu.edu or visit <https://hrpp.msu.edu/>.

Animal Care Program - provides support and oversight for all animal-related research, teaching, and outreach at Michigan State University, including ethical review of animal use; acquisition, husbandry, and veterinary care of animals; training and educational opportunities; and public outreach. The Institutional Animal Care and Use Committee implements regulatory oversight requirements; Campus Animal Resources provides husbandry and veterinary care as well as technical services such as breeding programs and special care. The Michigan State University Animal Care Program is accredited by the Association for Assessment and Accreditation of Laboratory Animal Care International. For more information, visit the Web site at <https://animalcare.msu.edu/>. Call Campus Animal Resources at

RESEARCH AND SERVICES
Office of the Vice President for
Research and Graduate Studies

1-517-353-5065 or call the Institutional Animal Care and Use Committee at 1-517-432-8103, or email iacuc@msu.edu.

Office of Environmental Health and Safety (EHS) - serves as a proactive provider of regulatory guidance, education, training, and compliance assistance to the university community to ensure that all faculty, students, and staff work in a safe and productive environment. The office acts as the primary liaison between the university and federal, state, and local environmental health agencies, including Michigan Occupational Safety and Health Administration, U.S. Environmental Protection Agency and Michigan Department of Environmental Quality. For more information, call 1-517-355-0153 or visit www.ehs.msu.edu.

Faculty Conflict of Interest Officer - serves as a resource to faculty and administrators on defining and addressing faculty conflicts of interest, and maintains institutional procedures for faculty members to report significant financial interests and other opportunities for tangible personal benefit. For more information, call 1-517-884-7000, email fcio@msu.edu or visit www.coi.msu.edu.

For more information about ORA, call 1-517-432-4500 or visit www.ora.msu.edu.

Office of Export Control and Trade Sanctions

Jamie Haberichter, *Specialist*

The office oversees the university's compliance with:

1. export control regulations, which impose access, dissemination, and participation restrictions on transfer of controlled goods, software and information, and
2. trade sanction regulations, which apply to certain foreign individuals, entities and governments, based on U.S. foreign policy and national security goals.

The office maintains a site license for identifying lists of debarred parties and entities, provides ongoing training programs, and sponsors an annual educational conference.

For more information, call 1-517-432-4499 or visit www.exportcontrols.msu.edu.

MSU Innovation Center

Charles Hasemann, *Assistant Vice President*

The MSU Innovation Center combines the diverse resources needed for business outreach, technology commercialization, and new business formation under one roof. It is MSU's single site for economic value creation from MSU innovations. Visit www.innovationcenter.msu.edu. The units within the MSU Innovation Center include:

MSU Business-CONNECT - which serves as MSU's front door for corporations, directing businesses to the right MSU resources and enabling two-way strategic communications and planning for business customers. The Business-CONNECT team also supports entrepreneurial and regional economic development efforts. It also negotiates all of Michigan State University's corporate sponsored research contracts, which total more than \$10 million annually. For more information, call 1-517- 884-2370 or visit www.businessconnect.msu.edu.

MSU Technologies - which is Michigan State University's technology transfer and commercialization office. It facilitates the commercial development and public use of technologies and licensable copyrighted materials developed by MSU faculty and staff, with the goal of moving MSU's technologies from the

laboratory to the marketplace. For more information, call 1-517-355-2186 or visit www.technologies.msu.edu.

Spartan Innovations - which provides resources to support the launch of sustainable MSU start-ups in an effort to bring more of MSU's best research ideas to the marketplace, while helping to develop critical skills for MSU students and improve the Michigan economy. For more information, call 1-517-884-4540 or visit www.spartaninnovations.org.

MSU St. Andrews

Michigan State University operates a STEM education center in Midland, Michigan, and provides valuable learning opportunities in science, technology, engineering and mathematics to students, families, and teachers in the Great Lakes Bay area. Support for both the facility and educational programming is provided by a number of Midland area family foundations as well as the Dow Chemical Company Foundation. Visit www.research.msu.edu/midland or phone 1-989-374-9904.

OFFICE of the VICE PRESIDENT for STUDENT AFFAIRS and SERVICES

**Denise B. Maybank, Vice President for
Student Affairs and Services**

The Vice President for Student Affairs and Services provides leadership and coordination for several offices, all of which collaborate with faculty and other university offices to promote active learning, improve the climate for learning, and increase student retention. Major attention is given to encouraging and supporting diversity while fostering a sense of community and inclusiveness for all students, faculty and staff. Student Affairs and Services staff work with students individually and in groups to assist them in achieving their educational and personal goals. Units within Student Affairs and Services are listed below. For information call 1-517-355-7535; visit 153 Student Services; or visit www.vps.msu.edu.

Lesbian, Bisexual, Gay, Transgender Resource Center

The Lesbian, Bisexual, Gay, Transgender Resource Center (LBGTRC) leads and collaborates on initiatives to assure all students thrive on our diverse campus and throughout their lives in our global community. We enhance the campus climate and academic and support services for students who identify as lesbian, bisexual, gay, transgender, queer or who are questioning (LBGTQ) their identities. We provide education about sexual orientation and gender identity and create opportunities to engage the campus on LBGT issues in domestic and global contexts. We provide consultation to faculty, staff and student leaders regarding individual student issues; creating inclusive and affirming practices; and curricular and co-curricular learning around sexuality and gender.

For more information, contact the LBGTRC at 1-517-353-9520; email lbgtrc@msu.edu; or visit www.lbgtrc.msu.edu.

Office of Cultural and Academic Transitions

The Office of Cultural and Academic Transitions (OCAT) constructs supportive social and educational communities that actively involve students in learning. Specifically, OCAT prompts students' involvement in broad-based university learning experiences (e.g., study-abroad, alternative spring break, internships, etc.), while also connecting them to campus resources, people, and programs that lead to deeper student learning and personal success. In part, the Office accomplishes this mission by building critical alliances and links to academic units. Additionally, OCAT helps students to understand themselves and others better through cultural and social activities. *Student-to-student interaction is the key to benefitting from diversity*, and OCAT strives to bring together individuals as well as groups of students from diverse racial, ethnic, international, and domestic backgrounds for meaningful interactions. Moreover, OCAT supports individual students in their navigation of cross-cultural encounters, and in their own understanding, exploration and development of cultural identity. OCAT employs multiple strategies to accomplish these goals. Among OCAT's signature programs are Intercultural Aide Programs, Maximizing Academic Growth in College program (MAGIC), Council on Racial Ethnic Students (CORES), and Spartan Remix. Visit www.ocat.msu.edu.

Career Services Network

To foster T-shaped professionals, the Career Services Network helps students confirm their purpose by: developing an understanding of their skills, interests and values; exploring career options and pathways; acquiring experiences that build abilities and tests options; creating strategies for navigating a job search; and gaining access to professional development opportunities. Network support includes:

1. **One-on-one advising appointments** with career advisors to assist students in self assessment, career exploration, decision-making, resumes and cover letters, job search strategies, interview preparation, and negotiating offers.
2. **Career assessment tools** to help students align interests and preferences to job types and work environments: *Strong Interest Inventory*, *Myers-Briggs Type Indicator*, and *Choices 360*. Assessments are interpreted with a career advisor.
3. **Career exploration events** such as guest speakers, alumni panels, networking sessions and field trips (e.g., Spartan Start-Up entrepreneurship; sports careers; entertainment journalism; careers within government; careers in non-profits)
4. **Workshops** offered on topics ranging from resume writing and career exploration to networking and interviewing skills. Custom workshops are provided for classes and student organizations.
5. **Career Fairs**, including the three-day *Career Gallery* (business, engineering and technology, science agriculture food environment, packaging and health exchange); *Graduate and Law School Fair*; *Diversity Career Fair*; *Summer Job and Internship Fair*; *Teacher and Administration Career Fair*; and more.
6. **On campus interviews** with employers for entry-level and internship positions, with over 10,000 interviews conducted annually.
7. **Career resources**: *Handshake*, an interactive system that manages job, internship, and part-time campus employment listings, on-campus interviews, as well as a comprehensive calendar of career events and workshops. *Career Passport*, a printed career guide handed out to 20,000 students annually; and the [CareerNetwork.msu.edu](http://www.careernetwork.msu.edu) Web site with informa-

tion on services, events, guides, career news, and links to other useful resources.

For more information, visit www.careernetwork.msu.edu.

Counseling Center

The Counseling Center offers a range of services to enrolled MSU students, including time-limited individual and group counseling, psychological assessment and testing, multicultural counseling, substance abuse counseling, and the Sexual Assault Program, which offers individual and group counseling and advocacy services to students who have experienced sexual assault. Any student registered for one or more credits is eligible for an initial consultation/assessment; as resources permit, additional services and/or referrals to community and on-campus resources may be provided. The Counseling Center's Testing Office is MSU's primary resource for standardized testing, including both computer- and paper-based graduate and professional school entrance exams such as the GRE, MCAT, and TOEFL. The Counseling Center, the Testing Office, and the Sexual Assault Program are located in the Student Services Building and can be reached at 1-517-355-8270 or online at www.counseling.msu.edu.

For additional information, please refer to the *Office of the Vice President for Student Affairs and Services* in the *Other Departments and Offices for Research and Services* section of this catalog.

Community Liaison

The Community Liaison serves all members of the Mid-Michigan Community, both full-time residents and students, with respect to MSU student-related topics, by fostering effective interactions and increasing open communication. For more information, call 1-517-432-7527 (TTY 353-6651); visit 556 E. Circle Drive, Student Services Building, Room 162; or visit www.collegelifeel.msu.edu.

Recreational Sports and Fitness Services

This unit operates on the belief that individuals who participate in enjoyable sports activities during their college years will gain benefits for a healthy life. Three intramural buildings offer men and women at all levels of ability opportunities to participate in over 25 organized intramural sports and over 28 student sports clubs. MSU students, faculty-staff, and alumni may choose from a diverse array of activities from formal league and tournament play to less competitive and informal recreational activities, exercise, and fitness programs. Persons with disabilities are urged to take advantage of those facilities accessible to them.

For information, refer to *Recreational Sports and Fitness Services* in the *General Information, Policies, Procedures and Regulations* section of this catalog, call the Recreational Sports office at 355-5250, or visit www.recsports.msu.edu.

Resource Center For Persons With Disabilities

Refer to the statement on *Resource Center for Persons with Disabilities* in the *General Information* section of this catalog for additional information.

Student Life

Student Life staff coordinates the programs described below, provides general assistance to students, and refers students to other offices or agencies as appropriate. Except as noted, Student Life

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programs are located in the Student Life Center, 101 Student Services, (517) 355-8286 (TTY 355-2217). See also: [www.http://studentlife.msu.edu](http://studentlife.msu.edu).

CAMPUS LIFE ORIENTATION. The staff coordinates and promotes academic, cultural, recreational, and personal programs that help ease the transition to the university during the Fall Welcome period. Programs extend throughout a student's first year on campus.

GREEK LIFE. The staff serves as liaisons between the university and the collegiate chapters, parents, alumni/ae, and (inter)national organizations to provide educational programs, services and resources to support the ideals of Greek Life. Staff assist the four major governing boards that are individually responsible for managing and providing services to their member organizations.

STUDENT CONDUCT AND CONFLICT RESOLUTION. The staff's mission is to teach students to be responsible citizens through the adjudication of non-academic disciplinary cases (see Articles 4 and 5 of Spartan Life online at <http://splife.studentlife.msu.edu>), and by offering a variety of conflict resolution programs and services, including mediation and restorative justice.

OFF-CAMPUS LISTING SERVICE. An off-campus housing listing service endorsed by MSU, is available to assist students with locating apartments, houses, and roommates based on personal preference and budget. The search begins at www.offcampushousing.msu.edu.

STUDENT GOVERNMENT AND STUDENT ORGANIZATION ADVISING. Staff members assist student government leaders by advising, consulting, and serving as a resource on university policies and procedures. Staff also register over 800 student organizations, as well as the programs and events sponsored by these groups, and provide consultation to enhance student group development. Leadership training and development programs help those in student government and other organizations increase their effectiveness as leaders.

Sexual Assault and Relationship Violence Prevention Program

The Sexual Assault and Relationship Violence (SARV) Prevention Program promotes safety and improves quality of life by educating students on sexual assault and relationship violence, creating awareness about programs and resources available on campus, empowering students to become advocates for a non-violent community and positively affecting social change. Through workshops conducted by peer educators the program offers a forum for students to engage in conversation and understand they each share a responsibility in the prevention of violence and the creation of a safe community.

Center for Service-Learning and Civic Engagement

The MSU Center for Service-Learning and Civic Engagement (CSLCE) supports MSU faculty and students by offering a variety of resources for community engaged teaching, learning and service. The center promotes a method of teaching called 'service-learning', which encourages students to develop their academic, personal, professional, and civic skills while making a positive difference by contributing to the common good of local, national, and international communities through service.

The CSLCE prepares students for meaningful community engagement in the following ways:

Service-Learning Placements to help students find academic service-learning and pre-professional volunteering opportunities at local hospitals through our online database (www.servellearnengage.msu.edu).

A Volunteer Matching System (via www.givegab.com) which enables students to easily find local volunteer opportunities, connect with community agencies, and log volunteer service hours. Contact us for more information on joining the MSU GiveGab community, or for assistance in setting up a free GiveGab account.

Service Resources and "Toolkits" which empowers students who want to create their own service projects or service-oriented trips. Our two newest digital toolkits are focused on planning a "Day of Service" and/or an "Alternative Spring Break" trip. Both toolkits are available as free downloads on our Web site (www.servicelearning.msu.edu).

Transportation assistance is offered to students, including a variety of resources including maps, free CATA bus tokens, and shuttle rides to select service sites in Greater Lansing.

Service-Learning Orientations are hosted throughout the semester, to help students learn more about the "Tools of Engagement" (<http://tools.outreach.msu.edu>) which are vital for meaningful and effective community engagement experiences.

Advisors are available to assist MSU service/civic-oriented registered student organizations. Our office has long-standing advising relationships with several prominent MSU student organizations (e.g., Alternative Spartan Breaks, Spartans Rebuilding Michigan, etc.) and we are eager to connect with and support other similar student groups.

Academic Consultants offer their educational expertise to help faculty and students identify and utilize high-impact teaching strategies to maximize service-learning outcomes.

Campus and Community Networking to help faculty, staff, students, and community agencies identify potential partnerships and connect with other like-minded campus/community members.

Voting Resources to promote MSU student voter registration, education, and participation in local, statewide, and national elections (youvote.msu.edu).

If you have questions, or would like more information about these CSLCE resources and services, please visit 345 Student Services Building, email servlrm@msu.edu, call 517-353-4400, or visit www.servicelearning.msu.edu.

The CSLCE is a jointly administered unit of the Office of the Associate Provost for University Outreach and Engagement, and the Office of the Vice President for Student Affairs and Services.

PRE-COLLEGE OPPORTUNITIES

Upward Bound Program

The Upward Bound Program is designed to assist high school students, who are low-income and/or potential first generation college students, in generating the skills and motivation necessary to complete a program of postsecondary education. Students are admitted to the program on the basis of an assessment of their academic performance, recommendations from teachers and counselors, and a personal interview.

The program provides services such as personal and group counseling; instruction in careers, composition and literature, mathematics, laboratory science; tutoring; field trips; service learning; a one-week summer residential living experience; college preparation; and numerous extra-curricular activities. College preparatory activities include college tours, admissions and financial aid workshops, speakers who address topics such as choosing a major, adjusting to college life, orientation testing, and personal finances. These services are provided during the sum-

mer and the academic year components of the program. Instruction and tutorial assistance are provided by university faculty, secondary school teachers, graduate and undergraduate students.

The Upward Bound Program office is located in South Wonders Hall, S36, call 1-517-353-6701, e-mail hammong@msu.edu or visit www.upwardbound.msu.edu.

Gifted and Talented Programs

Serving as a major resource for the state of Michigan, Gifted and Talented Education (GATE) programs provide curricula designed for academically gifted pre-college students. Accelerated Common Core compliant academic year programming is available for high achieving students in grades 7-10 to earn high school credit.

Programs are: Cooperative Highly Accelerated Mathematics Program (CHAMP), Intensive Studies in Humanities, Arts, Language, and Literature (ISHALL), Langue pour Etudiants Avances de Francais (LEAF French language), and Amo Linguam Latinam (ALL Latin language).

Summer camps for grades 7-9 offer both commuter and residential options. The Mathematics, Science, and Technology (MST) summer camp provides curriculum for students who excel in STEM fields. The Crime Scene Investigation (CSI) camp is for those interested in forensic science. The Future DOcs camp is for students interested in learning about the medical field. The GUPPY program for grades 4-6 is a weekend commuter camp for students to explore a variety of advanced topics with MSU faculty and staff. For additional curriculum and application information visit www.gifted.msu.edu, email gifted@msu.edu, or call 1-517-432-2129.