



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 conducts active programs of international education, research and outreach and engagement on the East Lansing campus and in numerous locations abroad. The university's international dimension 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 Michigan State University many ways to explore global issues and to gain global experience and competence. Faculty members, in virtually every discipline, conduct international research and continue to enhance Michigan State University courses with relevant international dimensions.

On campus in East Lansing, ISP geographic and thematic units 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 colleges, Michigan State University offers area-specific specializations in African Studies, Asian Studies, Latin American and Caribbean Studies, Russian and East European Studies, Western European Studies, and Muslim Studies. ISP also administers the MasterCard Foundation Scholars Program at MSU. This prestigious scholarship recognizes international students from Sub-Saharan Africa who come from the lowest socioeconomic quintiles and show outstanding academic and leadership abilities. Scholars participate in four-year undergraduate and two-year master's degree programs and a customized leadership training seminar offered by ISP.

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 coordinate numerous activities with the colleges of Agriculture and Natural Resources, Arts and Letters, Broad Business, Education, Human Medicine, Osteopathic Medicine, Nursing, and Social Science among others. Michigan State University has five centers that are designated as national resource and language resource centers through the U.S. Department of Education Title VI program.

Michigan State University's study abroad programs are facilitated and overseen by ISP. Its Office of Study Abroad coordinates the offering of more than 275 Michigan State University programs in over 60 countries worldwide ranging from the study of English literature in London; to natural resources in Brazil; to education, society and learning in South Africa; to studies in Antarctic system science in Antarctica and Argentina. ISP administers the Japan Center for Michigan Universities on behalf of the 15 Michigan public universities that comprise the

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consortium. The center's programs are dedicated to building relationships among Japanese, Americans and other nationalities through active learning and participation in language, culture and internships.

ISP oversees the Office for International Students and Scholars, which is responsible for serving approximately 1,200 visiting international scholars and more than 6,500 international students annually on campus. ISP facilitates the development of linkages between Michigan State University and a variety of international institutions and currently maintains approximately 280 collaborative agreements worldwide. The significant relationships and mutual contacts that have developed through these agreements promote enriching opportunities for exchanges of faculty, staff and students.

In order to draw upon the broad range of disciplines and expertise of Michigan State University's faculty, staff and researchers, the Office of International Research Collaboration was established at Michigan State University to provide technical support and assist faculty to develop multidisciplinary, multi-investigator, multicollage external grant proposals. ISP also oversees the Peace Corps Strategic Recruiting Office at Michigan State University.

Michigan State University conducts joint research and development programs with many countries in Africa, Asia/Oceania, Europe and Latin America. These projects may be supported through agreements with other governments, the U.S. Agency for International Development, other U.S. government agencies, the World Bank or private foundations.

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

African Studies Center

Assefa Mehretu, *Acting Director*

Founded in 1960, the African Studies Center promotes understanding of Africa on campus, in the State of Michigan, and throughout the nation. It is one of the most prominent centers for the study of Africa in the nation with 150 Michigan State University faculty with expertise on Africa. To this end, it encourages teaching and research concerning Africa and reciprocal linkages with Africans and African institutions. The center is not a degree-awarding unit. Rather, it generates and promotes Africa-related perspectives through departmental teaching programs at the undergraduate and graduate levels, and through interdisciplinary programs. Fellowships are awarded by the Center for African Language and Area Studies in departments in which there are African studies faculty. Disciplines represented by the faculty of the center are found in the following colleges and departments: College of Agriculture and Natural Resources (Agricultural Economics; Animal Science; Crop and Soil Sciences; Fisheries and Wildlife; Food Science and Human Nutrition; Horticulture; and Community, Agriculture, Recreation and Resource Studies), College of Arts and Letters (Art, Art History, and Design; English; French, Classics and Italian; Linguistics, and Germanic, Slavic, Asian and African Languages; Religious Studies; and Spanish and Portuguese), College of Communication Arts and Sciences (Journalism), College of Education (Educational Administration; and Teacher Education), College of Human Medicine (Epidemiology; and Pediatrics and Human Development), College of Music (Music), College of Natural Science (Physiology), College of Nursing (Nursing), College of Osteopathic Medicine (Family and Community Medicine; Neurology and Ophthalmology), College of Social Science (Anthropology; Economics; Family and Child Ecology; Geography; History; Labor and Industrial Relations; Political Science; and Sociology), and the College of Veterinary Medicine (Pathobiology and Diagnostic Investigation).

Students may concentrate work on Africa as an area and draw on other African studies courses outside their disciplines.

An undergraduate specialization in African Studies and a Global and Area Studies major are available for interested students. For additional information, refer to the statement on the specialization and the major in 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. Languages include: Acholi, Akan/Twi, Amharic, Bambara/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.

The center publishes *Northeast African Studies* through the MSU Press. The center also distributes the African Studies Center Newsletter and the weekly *Tuesday Bulletin*.

For more detailed information, call 1-517-353-1700, email africa@msu.edu or visit www.africa.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 concentration 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. A primary mission is to educate people who wish to become area specialists and integrate knowledge of Asia into their disciplinary studies. The center is designed to strengthen undergraduate and graduate academic programs, stimulate research and publications, aid in reciprocal linkages with Asian institutions, and facilitate activities in other related areas.

The center coordinates Asian Studies offerings of the various disciplines on campus. Students are enrolled in the participating colleges and departments and receive credit through regular channels. An undergraduate degree program in East Asian Languages and Cultures, an Asian concentration in the Global and Area Studies B.A. program, and a specialization 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 offered at the undergraduate level to provide a stimulating introduction to the area and to encourage further course work. 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's activities include bringing distinguished scholars as visiting professors to the campus in cooperation with interested departments, and inviting other specialists to the campus for lectures or seminars, and to meet with faculty and students. The center also arranges special institutes on research and teaching and secures research support for faculty and graduate students.

The center 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 www.asia.isp.msu.edu.

Canadian Studies Center

AnnMarie 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. Michigan State University 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 annually hosts a 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 to discuss issues of common concern. Other special events such 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 Michigan State University Libraries rank among the top ten U.S. libraries in its support of Canadian Studies programs. 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 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 among others, Belgium, Czech Republic, France, Germany, Romania, Russia, Turkey, Ukraine and the United Kingdom.

The center coordinates visiting speakers, film series, and conferences and workshops of interest to students, faculty, and the surrounding community. Numerous opportunities for study in Eu-

rope, Russia, and Eurasia are available, with support from the center's 80 core faculty and numerous linkage agreements 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 Specialization in Russian and East European Studies, refer to the *College of Arts and Letters* section of this catalog. For information about the Specialization in Western European Studies, refer to the *James Madison College* section of this catalog.

For additional information about the center and study abroad opportunities in the region, call 1-517-355-3277, email cers.msu.edu, or visit www.cers.isp.msu.edu.

Center for Latin American and Caribbean Studies

Robert Blake, *Director*

The Center for Latin American and Caribbean Studies (CLACS) facilitates learning about this core region of the Americas. It is the nexus between the university curriculum, functional pathways that bring together students from diverse colleges, and fruitful collaborations with 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 are expected to learn about the global cultural context surrounding—often permeating—professional behavior. All are expected to 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 Caribbean Studies is found in the *College of Social Science* section of this catalog.

The director of CLACS is assisted by an elected advisory council that represents the more than 150 faculty members affiliated with the center. Drawn from across the university, the membership facilitates opportunities for graduate and undergraduate students and other faculty.

For more information, call 1-517-353-1690, email clacs@msu.edu or visit www.latinamerica@isp.msu.edu.

Office for International Students and Scholars

Peter Briggs, *Director*

The Office for International Students and Scholars (OISS) provides services for students and scholars from over 130 countries who enroll, conduct research, or engage in teaching at Michigan State University. These services include advising on immigration procedures, financial needs, and personal concerns to promote a successful experience at Michigan State University. Educational programs provided by OISS include orientation sessions, workshops, and cultural events designed to acclimate students and scholars to the Michigan State University community. The Office for International Students and Scholars is Michigan State University'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

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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 Study Abroad

Brett Berquist, *Director*

Michigan State University has led the nation in study abroad participation for nearly a decade. Participating in Michigan State University's top-rated 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. An increasingly common component of excellence in higher education today, study abroad is an integral part of the undergraduate experience, especially at Michigan State University, where currently, over 20 percent of Michigan State University graduates participate in study abroad. With over 275 study abroad programs including every continent – from Asia to Antarctica – students can travel to more than 60 countries. A wide variety of courses abroad are available including Integrative Studies, required elective, and internship 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, Michigan State University offers a Freshman Seminar abroad, which takes place the summer prior to a student's first fall semester on campus.

The Office of Study 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. To contact the Office of Study Abroad, visit 109 International Center, call (517) 353-8920, e-mail osapa@isp.msu.edu, or visit www.studyabroad.msu.edu.

For additional information, see the *Guest Status at Another Institution* in the *Undergraduate Education* section of this catalog.

Center for Gender in Global Context

Anne Ferguson and Lisa Fine, *Co-Directors*

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 United States and in international contexts, respectively. 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 undertakes innovative outreach and active learning initiatives. 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 and the Center for Advanced Study of International Development are 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 the *Gendered Perspectives in International Development (GPID) 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, the 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 www.gencen.isp.msu.edu.

INFORMATION TECHNOLOGY SERVICES

Tom Davis, Acting Chief Information Officer and Director of Information Technology Services

Information Technology (IT) Services is responsible for strategy, budget and policy leadership for the information systems and information technology at Michigan State University (MSU). This work includes support of the academic, research and outreach missions of the university. Provision of mass storage, networks, directories, administrative applications, server platforms, and IT security are a few specific examples. IT Services is the steward of archives, technology infrastructure for central academic and business information and their associated policies and business practices, user support, instructional technology, and data stewardship. This work also includes partnering with departments across campus in the planning of technology-related faculty and staff development and instructional technology, and administering technology in support of teaching, learning, and research.

IT Services

IT Services is committed to providing more than 55,000 students, faculty, and staff at MSU with the technologies they need in support of education, research, and engagement. This support includes the centrally-supported learning management system, computer laboratories and technology classrooms, audiovisual services, electronic attendance, test scoring, and technology training. IT Services provides consultation and engineering services for units designing rooms dedicated to video conferencing and distance learning.

Professional and innovative technology-enhanced teaching and learning solutions are offered in support of online and blended courses. Services to campus units include assistance with design based on instructional needs and goals, development and offering of online and blended courses, and creation of interactive learning objects. Additionally, IT Services provides faculty development opportunities related to instructional technology and online pedagogy, as well as consultation regarding development of web-based educational materials and online courses and programs.

IT Services designs, manages, and secures the university network, MSU wireless and Internet access on campus, and provisions and maintains authentication systems using MSU NetIDs. Virtualization and colocation opportunities are available to campus units in central datacenter facilities. Other services provided and maintained include MSU's central email system, online file storage, web hosting services, and MSU's central website content management system.

IT Services builds, integrates, operates, and supports administrative information technology solutions that contribute to the success of the university's mission. Major services include developing and maintaining 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 financial records, payment card processing, human resources, and alumni/donor records.

Technology support is provided by phone, email, online form, chat, in-person, and how-to documentation. Additional instructional technology support is offered for assistance in classrooms and computer laboratories including tech carts, data/video projectors, and sound systems.

The MSU Computer Store – Help and Repair provides educational discounts to the MSU community on hardware and software and offers computer repair and warranty services. The MSU ID Office serves as the single point of contact for all identity management activities at MSU and provides first-level support for the variety of services tied to MSU NetIDs and Spartan Cards, including electronic access control to buildings and parking gates, MSU Library services, Spartan Cash, and residence hall meal plans.

More broadly, IT Services facilitates, coordinates, and manages the accessibility, integrity, and integration of institutional data assets and systems across campus. The office oversees the development, maintenance and implementation of its information technology policy framework supporting MSU's integrated instructional, research, and public service mission while maintaining the confidentiality, integrity, and security of data.

More information about services and resources is available at <http://tech.msu.edu>.

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.

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. Workshops provided by UAHC include the management of electronic records, email, research data, and scanned documents. 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.

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

NATIONAL SUPERCONDUCTING CYCLOTRON LABORATORY

C. Konrad Gelbke, Director

Located on south campus, National Superconducting Cyclotron Laboratory (NSCL) is a major nuclear science research laboratory. NSCL is administered by the Office of the Provost. External funding is primarily provided by the National Science Foundation (NSF). NSCL is a world-leading laboratory for nuclear and accelerator science research and education. The laboratory staff of approximately 500 includes faculty, postdoctoral fellows, technicians, engineers, and graduate and undergraduate students. NSCL operates a national user facility that is available to Michigan State University faculty and students and to scientists from all over the world on the basis of scientific merit. More than 700 scientists from the U.S. and abroad have come to NSCL to do their research. The laboratory houses two superconducting cyclotrons (the K500 and the K1200), a superconducting radio-frequency linear accelerator, a state-of-the-art fragment separator (the A1900), sophisticated detection equipment and modern computers for advanced research in many areas of nuclear science.

The laboratory has earned international recognition for its basic research and for its pioneering innovations in basic nuclear science, nuclear astrophysics, accelerator physics and associated instrumentation. Specific areas of current interest include production and investigation of rare isotopes (short-lived atomic nuclei of unusual proton to neutron content) and the role of nuclear physics in the cosmos. Up to 10% of the beam time may be allocated to support cross-disciplinary research.

The laboratory educates about 10% of the next generation of nuclear scientists for the United States. U.S. News and World Report ranks Michigan State University's nuclear physics Ph.D. program #1 in the nation. Typically, about 60 graduate students from Michigan State University and other universities use the facilities at NSCL for their graduate work in experimental or theoretical nuclear physics, nuclear chemistry, or accelerator physics. The doctoral degree programs are administered through the academic departments, primarily Physics and Astronomy, and Chemistry. Admission and program of study are subject to the regulations of the appropriate department. In addition, NSCL 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 Facility for Rare Isotope Beams (FRIB) Project establishes a U.S. Department of Energy (DOE) Office of Science National User Facility supporting the mission of the Office of Nuclear Physics. FRIB is being designed and established by the FRIB Project at Michigan State University and will adjoin the NSCL facility. FRIB will provide intense beams of rare isotopes for a wide variety of studies in nuclear structure, nuclear astrophysics, and fundamental symmetries. FRIB will cost about \$700 million and will take approximately a decade to design and establish. Upon completion of the FRIB Project, the DOE will fund operations of the FRIB Laboratory as a national user facility, and NSF support of NSCL operations will end.

For further information, visit www.nscl.msu.edu, www.frib.msu.edu or e-mail directors@nscl.msu.edu or call 1-517-355-9671.

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:

- 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; and
- encourages and creates opportunities for community-based scholarship for faculty and graduate students.

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.

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.

Michigan State University Museum

Gary Morgan, *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 1-517-355-7474 for recorded information (exhibits and events) or 1-517-355-2370 for the administrative office, Monday through Friday, 8:00 a.m. to 12:00 p.m. and 1:00 p.m. to 5:00 p.m.; or e-mail 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 ensures the university's compliance with state and federal laws, and encourages best practices to promote a culture of inclusion. It is also responsible for investigating allegations of prohibited discrimination and harassment and provides training to recognize and prevent such incidents.

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 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.

Alumni Professional and Personal Enrichment

Alumni Professional and Personal Enrichment, a program of the Michigan State University Alumni Association, seeks to engage and serve alumni and communities while incorporating Michigan State University's Boldness by Design initiatives that feature the guiding values of quality, inclusiveness, and connectivity by offering non-credit professional and personal enrichment learning opportunities to Michigan State University alumni, friends, students, faculty, staff, retirees and community members.

Included in Alumni Professional and Personal Enrichment is the Alumni LENS (formerly known as Evening College). The Alumni LENS (Lifelong Enrichment for Spartans) program creates and curates unique offerings in subjects including, but not limited to, the arts, culture, business, health, science and history. Through the Alumni LENS program, the Michigan State University Alumni Association has evolved the Evening College into a program capable of resonating with those less familiar with the MSU brand and reaching those interested in experiencing enrichment programming both in and beyond East Lansing. The in-person enrichment experience remains, with added attention given to the creation of courses capable of including digital audiences so that those unable to come to campus can still be a part of the MSU story. In addition, the Michigan State University Alumni Association has developed a digital aggregate of enrichment programming available across campus, East Lansing and beyond through their Web site www.alumni.msu.edu/lens. Through this collection of courses, programs, lecture series, and special events, community members and alumni are presented a wealth of enrichment opportunities available to them in both digital and in-person formats from Michigan State University.

Professional enrichment available through the Michigan State University Alumni Association includes webcasts on timely subjects relating to career management and business trends, Livestream events of faculty and alumni presenting on campus in their field of expertise, and blog posts featuring subject matter experts in a variety of career and business related topics.

Alumni Professional and Personal Enrichment is located at 535 Chestnut Road, Room 300, Spartan Stadium Tower, by phone (517) 355-8314, or by web at www.alumni.msu.edu.

University Ombudsperson

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

The University Ombudsperson is a senior faculty member appointed by the President to help students resolve disputes in a confidential, impartial, and informal manner. After assessing the validity of each complaint, the Ombudsperson advises students on possible remedies and, where indicated, actively assists students in securing a fair resolution of the matter. The Ombudsperson also advises faculty, administrators, and staff of university policies and regulations that might guide their decisions. To support these efforts, the 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 Ombudsperson does not put the university on notice. The Office of the Ombudsperson was established in 1967 with the adoption of *Student Rights and Responsibilities at Michigan State University*. For further information, see www.msu.edu/unit/ombud, 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 National Superconducting Cyclotron Laboratory.

The Office of the Provost also has administrative responsibility for academic support units: Undergraduate Education, The Graduate School, Academic Human Resources, Academic Services (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 Executive Vice President for Administrative Services), Faculty and Organizational Development, 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 Culture, and the MSU Museum), the Office of the Secretary for Academic Governance, and the Women's Resource Center (jointly with the Executive Vice President for Administrative Services, and the Vice President for Student Affairs and Services).

In addition, the Office has university-wide responsibility for summer session programs, commencement, faculty seminars, 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 22-day 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 four years 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 require-

ments 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 <http://afrotc.com/scholarships/high-school> 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, including but not limited to flight training, space and missile training, cyberspace operations, medical and nursing career fields.

Leadership Laboratory

Leadership Laboratory consists of a series 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 three-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.

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

Army uniforms are furnished to students on a loan basis. All textbooks necessary for Military Science courses are furnished by the department but must be returned when the student completes association with 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. No military obligation is incurred for nonscholarship students 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 Advanced 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 another 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 are offered 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 be granted 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 be accepted for Advanced Course training, but no credit is granted for Basic Course courses. See www.armyrotc.msu.edu.

ELI AND EDYTHE BROAD ART MUSEUM

Michael Rush, *Director*

The Eli and Edythe Broad Art Museum is the art museum of Michigan State University. As an engaged public institution, The Broad at MSU is a contemporary museum devoted to the art of our time. Expressly dedicated to exploring international contemporary culture and ideas through the probing gaze of artists, The Broad is a place where artists' ideas, words, and actions create a vibrant center for questioning and understanding the modern world. Dedicated to experimentation and study, The Broad is a laboratory for the new, grounded in a deep appreciation for the historical. With a study collection containing objects from the Greek and Roman periods through the Renaissance and on to the Modern, The Broad is uniquely able to contextualize the wide range of contemporary art practices within a firm historical context.

For more information, visit www.broadmuseum.msu.edu, e-mail eebam@msu.edu, or call 1-517-884-3900.

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 66% 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)

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which is completed annually by students and parents online at www.fafsa.gov.

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

Jacqueline Wright, *Secretary*

The Secretary for Academic Governance is secretary to the Academic Congress, University Council, Steering Committee, Faculty Senate and serves as ex-officio member on the University Committee on Academic Governance. The Office of the Secretary provides staff support to the 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 sll@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.

Women's Resource Center

Jayne Schuiteman, *Interim Director*

The Women's Resource Center is the unit designated to provide a focal point for issues and ideas of importance to university women. The overall intent of the unit's educational and advocacy programming and resource coordination and referrals is to stimulate leadership and scholarship, to empower women faculty, students, and staff to participate actively in the life of the university, to utilize their skills and abilities fully, and to transition into and to realize their aspirations both within the university community and society at-large. The center, through the director, reports jointly to

the Provost, the Executive Vice President for Administrative Services, and the Vice President for Student Affairs and Services.

For further information, call 1-517-353-1635 or visit www.wrc.msu.edu or e-mail wrc@msu.edu.

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 learning is to develop knowledge that provides 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 one of the most 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 administers the Graduate School and is responsible for maintaining synergy between research and creative scholarship and the education of graduate students. 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 partnerships 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 vpgrgs@msu.edu, call 1-517-355-0306, or visit www.vpgrgs.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 1-517-884-6901 or visit www.msupress.msu.edu.

MSU Bioeconomy Institute

The 138,000 square-foot MSU Bioeconomy Institute in Holland, Michigan, complements and extends MSU campus research that supports the emerging bioeconomy, including biofuels, bio-based specialty chemicals and biomaterials. The institute provides 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.bioeconinst.msu.edu.

Midland Research Institute for Value Chain Creation

In 2014, Michigan State University obtained a new facility about 80 miles from its East Lansing, Michigan campus, which will be dedicated to teaching and research in the effective management of processes related to product innovation, design, sourcing, procurement, manufacturing, packaging, transportation, inventory management, warehousing, marketing, customer services, and returns and repairs. The institute brings together MSU faculty experts across such disciplines as business, engineering, and agriculture, and provides opportunities for both research and student involvement with global corporations headquartered in the region.

For more information, call 1-517-353-6381 or visit www.midlandvaluechain.broad.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 educational programs 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) - 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 www.humanresearch.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, call Campus Animal Resources at 1-517-353-5064 or visit www.animalresources.msu.edu or call the Institutional Animal Care and Use Committee at 1-517-432-4151, e-mail iacuc@msu.edu, or visit www.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.

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

Office of Export Control and Trade Sanctions

Lorraine J. Hudson, *Director*

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, *Executive Director*

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. 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.msu.edu.

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 lbgrtc@msu.edu; or visit www.lbgrtc.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 Inter-

nationalizing Student Life (ISL) and Spartan Remix. Visit www.ocaf.msu.edu.

Career Services Network

The Career Services Network helps students develop an understanding of their skills, interests and values; explore career pathways and options; learn strategies and techniques for navigating a search; acquire experience that builds abilities and tests options; and gain direct access to opportunities of choice. Services provided by the network include:

1. **One-on-one advising appointments** with career advisors and consultants to assist students in self assessment, career exploration, decision-making, resumes and cover letters, job search strategies, interview preparation, and negotiating offers.
2. **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.
3. **Career fairs**, including the two-day *Career Gallery* (business, science and technology), *Graduate/Professional School Recruitment Fair*, *Agriculture Fair*, *Government/Non-profit Fair*, *Environment and Natural Resources Fair*, *Summer Employment Fair*, *Teacher Recruitment Fair*, the *Diversity Fair* and more.
4. **On campus interviews** with employers for entry-level and internship positions, with over 11,000 interviews conducted annually.
5. **Career education events**, such as alumni panels, networking sessions, and topical discussions on work-related issues (e.g., *The Creative Arts Forum*, *Career Summit*, and *Speed Networking*, etc.).
6. **Career resources**: *My Spartan Career*, 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. *CareerSearch*, a database of over 4 million employers across the US and Canada; *MSU Career Passport*, a printed career guide for all students; and Web sites with information on services, events, guides, career news, and links to other useful resources.
7. **Career assessment tools** to help students align interests and preferences to job types and work environments: *Strong Interest Inventory*, *Myers-Briggs Type Indicator*, and *Bridges*. Assessments are interpreted with a career advisor.

The Career Services Network is comprised of the following offices:

CAREER SERVICES/MAIN OFFICE, 113 Student Services Building, 1-517-355-9510. Focuses on career assessments, advising, workshops, Ph.D. career services, internship and student employment assistance. www.careernetwork.msu.edu

CAREER SERVICES @ THE STADIUM, 290 Spartan Way, 1-517-884-1300. Provides career events management, on campus recruiting and interviewing services. www.careernetwork.msu.edu

THE CENTER FOR SPARTAN ENGINEERING, 428 S. Shaw Lane, 1-517-355-5113. Provides assistance to engineering students with internships, co-operative education opportunities, and career management. www.egr.msu.edu/careers/welcome-center-spartan-engineering.

CENTER FOR COMMUNICATION ARTS CAREERS, 181 Communication Arts and Sciences Building, 1-517-355-6500. Provides career advising and internship assistance for students interested in

communication arts and sciences. www.cas.msu.edu/places/career-services.

LEAR CORPORATION CAREER SERVICES CENTER, 21 Eppley Center, 1-517-432-0830. Provides career advising for students interested in business, on-campus recruiting and interviewing services, as well as new media career productions. www.bus.msu.edu/learcenter

FIELD CAREER CONSULTANTS. Provides career expertise and advising customized for students in the following colleges:

College of Agriculture and Natural Resources
Residential College for the Arts and Humanities
College of Arts and Letters
College of Education
College of Natural Science
College of Social Science
James Madison College
Lyman Briggs College
College of Music
College of Nursing

Visit www.careernetwork.msu.edu/college-centers

COLLEGIATE EMPLOYMENT RESEARCH INSTITUTE. The Institute conducts studies of post-graduate transitions into the workforce, employer hiring trends, and other career-related topics. The Institute is best known for its annual publication, *Recruiting Trends*, which surveys the recruiting intentions of entry-level employers across the country. www.ceri.msu.edu.

ALUMNI CAREER SERVICES, MSU Alumni Association 242 Spartan Way, 1-517-355-7698. Provides career services and networking resources for alumni. www.msu.alum.com/careers

Counseling Center

The Counseling Center offers time-limited counseling to Michigan State University students who are in the pursuit of academic and personal goals. Programs include individual and group, personal or career counseling, testing, multicultural issues, substance abuse assessment, and sexual assault crisis and safety education. Any student registered for one or more credits is eligible for a consultation or assessment interview. As resources permit, additional services and/or referrals may be provided.

A campus location is available for service: 207 Student Services, 1-517-355-8270. For information, visit www.counseling.msu.edu.

Educational and Support Services

Education and Support Services provides support for the division in the areas of technology and special projects. Additionally, staff coordinates university-community initiatives, including a full range of programs and information effecting students in the East Lansing community. For more information, call 1-517-353-6650 (TTY 353-6651); visit 556 E. Circle Drive, Student Services Building, Room 162; or visit www.ess.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.

RESEARCH AND SERVICES
Office of the Vice President for
Student Affairs and Services

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 programs are located in the Student Life Center, 101 Student Services, (517) 355-8286 (TTY 355-2217). See also: [www.http://splife.studentlife.msu.edu](http://splife.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 three major governing boards that are individually responsible for managing and providing services to their member organizations.

INTERNATIONALIZING STUDENT LIFE. Staff work with faculty, staff, and student organizations to develop and coordinate programs that will allow students to: learn about cultures other than their own; develop cross-cultural communication skills; interact with faculty and students of diverse international backgrounds; and learn how international social, political, cultural and economic forces affect their lives.

JUDICIAL AFFAIRS. 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 650 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), 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. The CSLCE provides MSU faculty and students with community service and community engaged teaching and learning opportunities locally, nationally, and internationally. Students who participate in service-learning and civic engagement contribute to the public good of communities through academic, co-curricular service and engagement. Students connect service to learning experiences to allow for the application and development of academic, personal, leadership and citizenship skills. The CSLCE collects and manages data about service-learning and civic engagement for MSU and hundreds of community partners. The center provides student records of service and institutional reports as part of its role as a resource center.

For more information, visit 345 Student Services Building, email servlrcn@msu.edu, call 1-517-353-4400, or visit www.servicelearning.msu.edu.

PRE-COLLEGE OPPORTUNITIES

Upward Bound Program

The Upward Bound Program is a federally funded program 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, and foreign languages; tutoring; field trips; service learning; a one-week summer residential living experience; college preparation; and numerous extra-curricular activities. College preparatory activities include ACT preparation, 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 summer 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 Room 192 Ernst Bessey Hall, 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 Programs (GATE) provide curricula designed for academically gifted pre-college students. Accelerated Common Core compliant academic year programming is available to high achieving students for high school credit. The Cooperative Highly Accelerated Mathematics Program (CHAMP) provides an accelerated math course for students in grades 7-10, while the Intensive Studies in Humanities, Arts, Language and Literatures

(ISHALL) program provides an advanced English Language Arts program for grades 7-10. The Langue pour Etudiants Avances de Francais (LEAF) program is also available to students interested in pursuing an accelerated French Language course.

Summer camps are commuter and residential. The Mathematics, Science and Technology (MST) summer camp provides curriculum for middle school students who excel in the fields of math, science, and technology, while the Crime Scene Program (CSI) camp is for those interested in forensic science. The High Achievers program is offered to high school students seeking to earn college credit in a variety of MSU honors courses over the summer. For additional curriculum and application information visit www.gifted.msu.edu, e-mail gifted@msu.edu, or call 1-517-432-2129.