



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 and outreach programs; cultural events; health, counseling, and recreative services; and public information.

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

STUDENT HEALTH SERVICE AT OLIN HEALTH CENTER

Glynda M. Moorer, Director

Olin Health Center, located on East Circle Drive, provides outpatient medical, dental, optometrical, and health education services to MSU students and their spouses. Medical services include primary care, urgent care, gynecology, family practice, orthopedics and sports medicine, and psychiatry. Additional services provided at Olin Health Center include laboratory, pharmacy, X-ray, allergy therapy and immunizations, travel clinic, nutrition counseling, HIV testing, LIFE:Rx (fitness testing), and occupational health. A Courtesy Van is available to provide transportation to and from Olin to patients who, because of illness or injury, are otherwise unable to visit Olin. The Phone Information Nurse is available for health-related questions and resources 24 hours a day.

Olin Health Center is accredited by the Joint Commission on Accreditation of Healthcare Organizations (JCAHO) and staffed

with board-certified physicians and certified health care professionals.

MSU students and their spouses are encouraged to secure health insurance coverage. Olin Health Center will first bill insurance companies directly for any charges not covered by the student health fee and then bill the patient for charges not paid by insurance. Patients without insurance coverage may pay at the time of the visit or they will be billed by Olin Health Center. Students with low income and no health insurance are encouraged to determine whether they may qualify for the MSU Student Health Subsidy Program (SHSP).

The student or spouse MSU identification card and insurance information should be presented when service is requested at Olin Health Center. For information regarding appointments, office hours, services, and charges, call 355-4510. For additional information, visit the Olin website at: www.msu.edu/user/olin.

PRE-COLLEGE OPPORTUNITIES

Upward Bound Program

The Upward Bound Program is a federally funded program designed to motivate low-income high school students with academic potential to pursue post-secondary education. The program is also targeted toward students whose parents do not have bachelor's degrees. Students are admitted to the program on the basis of their school performance, recommendations of teachers and counselors, and a personal interview.

The program provides services such as personal counseling; instruction in careers, communication skills, mathematics, science, and foreign language; tutoring; field trips; and numerous extra-curricular activities. These services are provided during the intensive six-week residential component of the program and in the academic year follow-up component. Instruction and tutorial assistance are provided by secondary school teachers, University faculty, and graduate and undergraduate students.

College preparation activities for seniors include college tours, admission and financial aid workshops, and opportunities to hear a variety of speakers who talk about adjusting to life in college, personal finances, choosing a major, orientation testing, and other topics of interest to prospective undergraduates. Students who are accepted to MSU participate in the SUPER program.

The Upward Bound Program office is located in Room 192 Ernst Bessey Hall (telephone 353-6701).

Gifted and Talented Programs

In conjunction with the Ingham Intermediate School District and with funding support from private and regional agencies, Michigan State University offers an array of programs designed for pre-college students identified through a variety of measures as academically gifted and talented. CHAMP is an accelerated mathematics program offered during the academic year on the MSU campus. Summer programs address the needs of students from 4th grade through the junior year of high school. Many of the programs emphasize development of skills in mathematics and the sciences. High Achievers offers a set of regular MSU courses for talented high school students. For additional information, visit www.msu.edu/user/gifted.

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.

INTERCOLLEGIATE ATHLETICS

Ron Mason, Director

Refer to the statement on *Athletics* in the *General Information* section of this catalog for additional information.

INTERNATIONAL STUDIES and PROGRAMS

John K. Hudzik, Dean

Michigan State University conducts active programs of international education, research and outreach on the East Lansing campus and in numerous locations abroad. The University's international dimension is coordinated and facilitated by the Office of the Dean of International Studies and Programs (ISP). The wide array of activities and programs gives students and faculty at MSU numerous 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 MSU courses with increasingly relevant international dimensions.

On campus in East Lansing, ISP geographic and thematic units include the: African Studies Center, Asian Studies Center, Canadian Studies Centre, Center for Latin American and Caribbean Studies, Center for European and Russian Studies and the Office of Women and International Development (WID). Through its colleges, MSU offers specializations in African studies, Asian studies, Latin American and Caribbean studies, Russian and East European studies, and Western European studies. MSU attracts many returning Peace Corps volunteers who want to combine training in a technical field with development studies. The Graduate Specialization in International Development addresses their interests. This specialization is administered by the College of Social Science in collaboration with the Center for the Advanced Study of International Development (CASID) and (WID). The undergraduate specialization in International Development, also administered by the College of Social Science, is open to students from all disciplines.

CASID, the Center for International Business Education and Research, the Institute of International Health, the Office of International Studies in Education, the Institute of International Agriculture, and the Center for Language Education and Research coordinate numerous activities with the Colleges of Social Science, Arts and Letters, Human Medicine, Osteopathic Medicine, Nursing, Education, and Agriculture and Natural Resources, among others. MSU has seven centers that are designated as national resource and language resource centers through the U.S. Department of Education Title VI program.

MSU's study abroad programs are facilitated and overseen by ISP. Its Office of Study Abroad coordinates the offering of over 175 MSU programs in over 50 countries worldwide ranging from the study of English literature in London; to Natural Resources in Brazil; to Education, Society and Learning in Zimbabwe. Since its inception in 1989, ISP has administered the Japan Center for Michigan Universities (JCMU) on behalf of the 15 Michigan public universities that comprise the 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 the community.

ISP oversees the Office for International Students and Scholars, which is responsible for serving approximately 750 visiting international scholars and more than 3700 international students annually on campus. ISP provides the development of increasing numbers of linkages between MSU and a variety of international institutions and currently maintains over 100 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 MSU's faculty, staff and researchers, the Office of International Development (OID) was established at MSU to provide technical support and assist faculty and graduate students interested in implementing collaborative international development projects around the globe.

MSU conducts joint research and development programs with many countries in Africa, Asia, Australia, 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. As a member of the Midwest Universities for International Activities (MUCIA), MSU cooperates and collaborates with the University of Illinois, the University of Minnesota, The Ohio State University, and Purdue University in programs of international research and service. A significant number of faculty members and graduate students are engaged in research, teaching, and short-term consultation abroad in numerous locales through MSU's membership in this consortium.

To contact our offices, please call 517-355-2350 or visit our website at www.isp.msu.edu.

African Studies Center

David S. Wiley, Ph.D., *Director*

Formally organized 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 more than 130 MSU 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 include 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 resource development), College of Arts and Letters (art and art history; English; history; linguistics, and Germanic, Slavic, Asian and African languages; music; religious studies; and romance and classical languages), College of Communication Arts and Sciences (advertising, communication, journalism, and telecommunication), College of Education (educational administration and teacher education), College of Human Ecology (family and child ecology), College of Human Medicine (epidemiology, and pediatrics and human development), 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, geography, labor and industrial relations, political science, and sociology), College of Veterinary Medicine (pathobiology and diagnostic investigation, and veterinary medicine).

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 is available to interested students. For additional information, refer to the statement on the specialization in the *College of Social Science* section of this catalog. Study programs in Africa are available for year-long and shorter periods.

The Department of Linguistics and Germanic, Slavic, Asian and African Languages currently offers courses in Arabic, Hausa, and Swahili. By special arrangement, instruction in the following

African languages is offered on request: Acholi, Akan/Twi, Amharic, Bambara/Dyula/Mandingo, Bemba, Fula (Fulfulde, Pulaar), Igbo, Kikuyu, Kpelle, Krio, Lingala, Luganda, Malagasay, Mende, Nyanja/Chichewa, Oromo, Rwanda, Shona, Somali, Temne, Tigrinia, Tsonga, 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 *African Rural and Urban Studies and Northeast African Studies* through the MSU Press. The Center also distributes the African Studies Center Newsletter, *Elimu: African Studies Outreach Newsletter*, and the weekly *Tuesday Bulletin*.

Asian Studies Center

Michael Lewis, Ph.D., *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.

The Center's primary function is to enrich general and liberal education and to aid persons who wish to become area specialists. The Center is designed to strengthen academic programs, stimulate research and publications, aid in reciprocal linkages with Asian institutions, and facilitate activities in other related areas.

The Center serves to coordinate the offerings of the various disciplines on campus, rather than functioning as a separate department. Students in Asian Studies are enrolled in the participating colleges and departments and receive credit through regular channels. An undergraduate degree program in East Asian Languages and Cultures and a specialization in Asian Studies are available to interested students. For additional information about the degree program, refer to the statement in the *Department of Linguistics and Germanic, Slavic, Asian and African Languages* in the *College of Arts and Letters* section of this catalog. For additional information about the specialization, refer to the statement on the specialization in the *College of Social Science* section of this catalog.

Asian languages taught in the Department of Linguistics and Germanic, Slavic, Asian and African Languages include Chinese and Japanese, Hindi, Nepali, and Korean (The last three are taught tutorial-style.). Other academic units offering courses on Asia include Agricultural Economics, Anthropology, Art, Economics, Geography, History, James Madison, Philosophy, Political Science, Religious Studies, and Sociology. Interdisciplinary courses on Asia are offered at the undergraduate level to provide stimulating introduction to the area and to encourage further course work on that area.

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 formally and informally with faculty and students. The Center also arranges special institutes on research or teaching and assists in securing research support for faculty and graduate students.

The Center houses the China Council, the India Council, the Japan Council, the Council for Korean Studies, and the South-east Asia Council.

RESEARCH AND SERVICES

International Studies and Programs

Canadian Studies Centre

Phil Handrick, Ph.D., *Acting Director*

The Canadian Studies Centre is a multi-disciplinary unit with over seventy faculty and graduate students representing over thirty departments, the Libraries, and the Michigan State University Museum. The Centre'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 Centre 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. Students interested in further study may enroll in the Specialization in Canadian Studies. For information about the specialization and internships, refer to the *College of Social Science* section of this catalog.

The Centre 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. Special events such as conferences, film series, and art exhibits are also presented. The Centre seeks to make resources available to Michigan public schools and programs. In addition, Centre 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. The MSU Press is the major U.S. publisher of scholarly books and monographs on Canada.

Center for European and Russian Studies

Norman Graham, Ph.D., *Director*

Michigan State University offers more than 375 undergraduate and graduate courses relating to Europe and the former Soviet Union. The Center facilitates teaching, research, and outreach activities relating to these areas. Undergraduate students interested in further study may enroll in the Specialization in Russian and East European Studies. Faculty from the Center also offer course work focusing on European and Russian studies. They direct study-abroad programs in ninety-five countries in the region, including among others, Belgium, Czech Republic, France, Germany, Russia 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 Europe and Russia are available, with support from the Center's 70 core faculty and numerous linkage agreements with universities throughout Europe. The Center also serves as a resource on the area 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 additional information about the Center and study abroad opportunities in the region, visit our website at www.isp.msu.edu/CERS.

Center for Latin American and Caribbean Studies

Scott Whiteford, Ph.D., *Director*

The Center for Latin American and Caribbean Studies (CLACS) seeks to coordinate the rich diversity of Latin American and Caribbean interests at Michigan State University as well as to promote a variety of academic, cultural, and social activities focusing on the region. Specifically, the Center's activities include: (1) stimulating and facilitating faculty and graduate student research,

through providing assistance in seeking funding from external donors; (2) providing the interested community both on and off the campus with current information regarding Latin American and Caribbean related events and studies; (3) publishing research titles which reflect a broad spectrum of fields and topics; and (4) assisting key departments in their efforts to increase staff with Latin American and Caribbean interests and courses with Latin American and Caribbean content. CLACS outreach activities include assistance to both the private and public sectors, and professional development opportunities for educators in K-12 settings, and community colleges, and for professional associations in Michigan.

Academic units which offer courses with substantial Latin American and Caribbean content include Agricultural Economics, Animal Science, Anthropology, Communication, Economics, Education, Family and Child Ecology, Geography, History, James Madison, Journalism, Romance and Classical Languages, and Sociology. A considerable range of language offerings is available in Spanish; Portuguese is also offered when staff is available and demand warrants. A Specialization in Latin American and Caribbean Studies is also available. For additional information, refer to the statement on the specialization in the *College of Social Science* section of this catalog.

The CLACS's Director is assisted by an elected Advisory Committee which represents the more than 100 staff members associated with the Center. The membership is drawn from several colleges, departments, and schools.

The CLACS is currently engaged in planning to increase opportunities for graduate and undergraduate students interested in Latin America and the Caribbean, including inter-institutional relationships with Latin American and Caribbean universities.

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 120 countries who enroll, conduct research, or engage in teaching at MSU. The services provided include: advising on immigration procedures, financial needs, and personal concerns to promote a successful experience at MSU. Educational programs provided by OISS include: orientation sessions, workshops, and cultural events designed to acclimate students and scholars to the MSU community. The Office for International Students and Scholars is MSU's primary information resource on issues related to international students and scholars; it collaborates with Admissions and Scholarships, 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.

Office of Study Abroad

Edward Ingraham, Ph.D., *Acting Director*

Michigan State University is the national leader in study abroad, offering more than 175 programs, on six continents and in over fifty countries. Programs are offered every session, including winter break, and range from two weeks to an academic year. In many instances, costs do not exceed a semester's study on campus on a per credit basis.

Currently, over twenty percent of MSU graduates will have participated in study abroad and the program continues to grow. An increasingly common component of excellence in higher education today, study abroad is an integral part of the undergraduate experience at Michigan State University.

Programs are offered in virtually every academic discipline, including programs in Arts and Letters, Agriculture and Natural Re-

sources, Business, Communication Arts and Sciences, Education, Engineering, Human Ecology, James Madison, Natural Science, Nursing, Social Science, and Veterinary Medicine. MSU and its students understand that studying abroad helps them develop the academic/intellectual, personal, professional, and intercultural skills and attitudes required to become effective and competitive in the global environments they will encounter after graduation.

Students are encouraged to explore study abroad opportunities early. They may start by visiting the Study Abroad Web site at <http://studyabroad.msu.edu>, by calling 517-353-8920, or by visiting the Office of Study Abroad in 109 International Center.

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

Women and International Development Program

Anne Ferguson, *Director*

The Women and International Development Program (WID) promotes teaching, research, and action on international development and global transformation as they affect women and gender relations. While WID's primary focus is the southern hemisphere, the program recognizes that the "south" is a set of relationships rather than a place. Moreover, development and global change bring costs as well as benefits, which are often not shared equally by men and women of different nations, races, classes, and ethnicities.

Established in 1978, WID is the longest-standing program of its kind in the nation. WID and MSU's Center for Advanced Study of International Development (CASID) are recognized as a National Resource Center by the US Department of Education. Nearly 200 MSU faculty and graduate students from all colleges are affiliated with WID. The program acts as a catalyst for the scholarly discussion of gender, development, and global change through the following activities and programs:

The **Working Papers on Women and International Development** — journal-length articles by scholars from many disciplines and institutions around the world.

The **Forum** — creative essays and short reports on research projects and development programs.

The **Bulletin** — information on new publications, video resources, scholarships, conferences, and Web sites for researchers, development practitioners, and policy-makers.

CASID-WID Policy Briefs — short reports on the policy implications of faculty research.

WID offers mini-grants for initiation of faculty research and for the development of new courses, course modules, and study-abroad programs related to gender, development, and global change.

While WID is not a degree-granting unit, a gender specialization may be combined with a graduate student's major program of study. Three graduate specializations are available:

Gender, Justice and Environmental Change

International Development Studies

Women's Studies

WID and CASID offer competitive US Department of Education Title VI-supported **Foreign Language and Area Studies Fellowships** to graduate students enrolled in degree programs that focus on international development and globalization.

The **Diversity and Global Change Undergraduate Internship Program** supports a small number of students per year to work on special projects.

Annual speakers series and conferences on gender, globalization, and development are open to students, faculty, and the public.

LIBRARIES

Clifford H. Haka, *Director*

The Libraries have a rapidly growing collection of approximately 4.5 million volumes, augmented by a wide array of electronic resources, computer files, microfilm and other media. The library system is centralized, with the Main Library being supplemented by thirteen branch libraries. Access to these collections is facilitated by the Libraries' online catalog system, MAGIC. User access to more than 550 electronic bibliographic databases and more than 6,800 full-text journals are provided through the Libraries' Web site at www.lib.msu.edu.

The air-conditioned Main Library faces Beaumont tower, with the John A. Hannah Administration Building to the east and the W. J. Beal Botanical Garden to the west. It is a four-story building with two wings. The first floor is devoted to Reference, Circulation/Information, the Electronic Resources Help Room, and the CyberCafe. Over 200 computer workstations and 300 network ports provide access to the Libraries' resources, applications software, and the Internet. The West Wing is open 24 hours a day, Sunday through Thursday, when classes are in session during Fall and Spring semesters. The CyberCafe provides a wide variety of food and beverages in an area with comfortable seating, extensive computer access and a collection of popular literature. The ground floor houses Special Collections, Consulting Reference, and the Government Documents collection. The second floor of the West Wing contains the Current Journals collection, Reserves, Microforms and the Copy Center, as well as a portion of the Main Library collection. Located on the third floor of the West Wing are the Map Library, the Turfgrass Information Center, the Labor and Industrial Relations Library, and more of the Main Library collection. The fourth floor of the West Wing houses the Fine Arts Library, the Digital and Multimedia Center/Vincent Voice Library, and faculty/graduate carrels. Main Library collections and faculty carrels are located on the second, third, and fourth floors of the East Wing. International Bibliographers' offices and the Africana Reference Collection are located on the second floor of this wing.

The library participates in cooperative resource sharing programs with many other academic libraries and is a member of the Center for Research Libraries and the Committee on Institutional Cooperation (CIC). If material needed for research or teaching is not available in the Libraries, it will be obtained from other sources.

Publications of the United States government, United Nations, and many other international intergovernmental organizations, plus selected State of Michigan and Canadian government documents are housed in the Government Documents Library. These publications can be identified through MAGIC and through specialized indexes and bibliographies.

The library maintains subscriptions to approximately 30,500 serial titles. Most current issues of heavily used periodicals and newspapers are located in the Current Journals collection, with the exception of those located in the subject-specific branch libraries. Locations of specific titles can be obtained through MAGIC. Many full-text journals are now available through the Libraries "Electronic Resources" web page: www.er.lib.msu.edu.

The Special Collections Library contains over 400,000 volumes, including the Libraries' rare books. The areas of specialization include French history, popular culture, American, English and Irish literature, the American radical movement, early natural history, and veterinary medicine. The veterinary medicine collection, consisting mainly of books printed before 1800, is the largest of its kind in the world.

Subject-specialized branch libraries supplement the Main Library collections. Branch libraries are usually located in or near the departments they serve. The branch libraries are: Agricultural Economics, Animal Industries, Biomedical and Physical Sciences, Business, Clinical, Cyclotron, Engineering, Geology, Gull Lake Biological Station, International Center, Math, Planning and Design, and Veterinary Medical.

The library provides reference service at the Main and branch libraries. Off-campus students, faculty and staff are supported through the Libraries' Distance Learning Services unit by phone (1-800-500-1554), fax and e-mail. More information is available at <http://www.lib.msu.edu/outreach/>.

Library Instruction is available to all students through their courses, as well as classes offered through the Libraries, Computing and Technology Training Program. The library sponsors a number of other activities including the Friday Night Film Series, the Michigan Writers Series, and the MSU Student Book Collection Competition.

UNIVERSITY ARCHIVES and HISTORICAL COLLECTIONS

Frederick L. Honhart, Director

The Michigan State University Archives, as directed by the Board of Trustees, is responsible for the management of the University's records and the preservation of and access to these permanent records which have continuing historical, legal, administrative or fiscal value. In addition, the Archives contains donated papers of the faculty, staff, and alumni.

The Historical Collections is a repository for the personal papers and documents of individuals and social, civic, business, ethnic, and religious organizations of local, national and international character. These research materials include correspondence, diaries, scrapbooks, memoirs, photographs, and institutional records from the early eighteenth century to the present.

An important segment of the Historical Collections, the Land Grant Research Collection, is dedicated to the documentation of the formulation and passage of the Morrill Land Grant Act of 1862. These materials include paper and microfilm copies of the papers of prominent individuals, primarily members of the United States Congress, who played a leading role, pro or con, in the passage of the Morrill Act.

The University Archives and Historical Collections maintains a large photograph collection documenting the MSU campus, teaching and research activities, students and faculty, and social, civic, and business activities throughout the state and nation from the mid-nineteenth century to the present.

Materials in the University Archives and Historical Collections are available for use in the Archives by faculty, staff, students, and the public. Copies of unrestricted items may be furnished at cost upon request. For further information, see www.msu.edu/unit/msuarhc.

UNIVERSITY OUTREACH

Hiram E. Fitzgerald, Assistant Provost

Michigan's citizens are calling on the University's knowledge resources with increasing frequency. Adults are returning to higher education in record numbers to renew and expand their professional qualifications. Businesses seek technical assistance, agencies request demographic data, and communities ask for help in problem solving and strategic planning related to local economic or social concerns. The Office of the Assistant Provost for University Outreach oversees all aspects of the University's response to these and other needs and requests, ensuring that Michigan State University's efforts are internally coordinated, externally linked, responsive to important societal needs, and consistent with its mission and policies.

Using an asset, strengths-based approach, University Outreach engages in partnerships with communities and provides evaluation training and services. University Outreach also facilitates the University's efforts to work with communities, groups, businesses, and other organizations as well as with individuals to apply knowledge in addressing significant economic and social issues. University Outreach supports these efforts by: 1) maintaining external linkages and partnerships with governmental institutions and agencies, non-profit and community organizations, professional associations, and other public and private sector constituencies; 2) building collaborative approaches to using research-based knowledge to address society's knowledge needs; 3) designing and maintaining websites that provide access to and information about MSU's activities and expertise available to the public; 4) expanding the base of financial support for outreach; 5) recommending institutional structures, policies and procedures that will serve to enhance public access to the University's knowledge resources; 6) facilitating the inclusion of service-learning components in undergraduate courses; 7) strengthening outreach incentives and rewards both for faculty and for academic units; and 8) creating community-based research opportunities for graduate students.

Each college and many other administrative units have outreach representatives, such as an associate dean or coordinator, charged with stimulating outreach projects and programs. Externally, in cooperation with Michigan State University Extension, six regional offices coordinate community contacts and facilitate statewide access to the University.

For more information, see: <http://www.outreach.msu.edu> or email: outreach@msu.edu or call: 517-353-8977. For information on statewide programs, see: <http://www.srn.msu.edu>. To learn about the many youth activities the University offers, see: <http://spartanyouth.msu.edu>. University Outreach is housed at 22 Kellogg Center.

NATIONAL SUPERCONDUCTING CYCLOTRON LABORATORY

C. Konrad Gelbke, Director

Located on south campus, the National Superconducting Cyclotron Laboratory (NSCL) is a major research facility. The Laboratory is administered by the Office of the Provost. External funding is primarily provided by the National Science Foundation.

The NSCL is the premier university-based nuclear science research facility in North America. The laboratory staff of over 200 includes faculty, post-doctoral fellows, technicians, engineers, and graduate and undergraduate students. As a *user facility*, the NSCL is available to MSU faculty and students and to scientists from all over the world on the basis of scientific merit. More than 600 scientists from the U.S. and abroad have come to the NSCL to do their research. The laboratory houses two MSU-built superconducting cyclotrons, the K500 (the world's first) and the K1200 (the world's most powerful). Together with sophisticated detection equipment and modern computers, these cyclotrons are used for advanced research in many areas of nuclear science. The NSCL has recently completed a major facility upgrade which will ensure continued world-class research capabilities for the coming years.

The laboratory has earned international recognition for its basic research and for its pioneering innovations in accelerator design, including the construction of a cancer therapy cyclotron now operating at Harper Hospital in Detroit. Research at the NSCL is primarily devoted to basic nuclear physics and chemistry, nuclear astrophysics, accelerator physics and associated instrumentation research and development. Specific areas of current interest include studies of the properties of nuclei with unusual proton-to-neutron ratios and extended distributions of nearly pure proton or neutron matter, of the role of nuclear physics in the cosmos (e.g., element formation in stars), and of hot, compressed and decompressed nuclear matter. About 5-10% of the beam time is allocated to support cross-disciplinary research, including atomic physics, condensed matter physics, space science, and medical applications of nuclear and accelerator physics technology.

The laboratory plays a major role in training the next generation of nuclear scientists for the United States. *U.S. News and World Report* ranks MSU's nuclear physics Ph.D. program as #2 in the nation. Typically, about 60 graduate students from MSU and other universities use the facilities at the NSCL for their Ph.D. 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, the NSCL plays an important role in undergraduate education, providing experience for undergraduate students in a uniquely stimulating environment where they are exposed to forefront physics research and technologies ranging from applied superconductivity to accelerators designed for cancer therapy.

OMBUDSMAN

Stanley I. Soffin, Ombudsman

This office was created in 1967 with the adoption of *Academic Freedom for Students at Michigan State University*. The Ombudsman is a senior faculty member who assists all students in resolving problems with faculty and administrators. After assessing the validity of each complaint, the Ombudsman advises the student on possible remedies and, where indicated, actively assists the student in securing a fair resolution of the matter. To support these efforts, the Ombudsman has broad powers of investigation, including direct and ready access to University officers and faculty and to official records. For further information, see www.msu.edu/unit/ombud, or email soffin@msu.edu or phone at 517-353-8830.

OFFICE OF THE PRESIDENT

Office of Affirmative Action, Compliance and Monitoring

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

The Office of Affirmative Action, Compliance and Monitoring (AACM) is responsible for implementing the University's affirmative action program and promoting Michigan State's commitment to equal opportunity, nondiscrimination and affirmative action. The University's affirmative action program dates back to 1968.

The AACM is responsible for insuring University compliance with federal and state laws on non-discrimination and affirmative action and supports campus-level efforts promoting diversity and equal access to education and resources. The AACM monitors search and selection procedures for faculty, academic staff and support staff and provides advice on recruitment and retention strategies designed to achieve and maintain campus diversity and to insure consistency in University hiring policies and procedures. The office provides staff support for the President's Advisory Committee on Disability Issues and the Council of Racial and Ethnic Minorities on matters and issues of concern to their MSU constituent communities. The office also provides advice to the President, Provost, and other vice presidents through various administrative channels established for addressing equal opportunity and affirmative action issues.

The main office is located in 303 Administration Building (prussell@msu.edu; 353-3922).

Alumni Lifelong Education Programs

Alumni Lifelong Education, a division of the Michigan State University Alumni Association, offers noncredit personal enrichment learning opportunities for all adults including MSU alumni, friends, students, faculty, and staff. Housed in 8 Kellogg Center, Alumni Lifelong Education administers the Fall and Spring semesters of Evening College and the annual Odyssey to Oxford travel/study program in England.

Established in 1951-52, Evening College annually offers over 120 evening and weekend noncredit university-level courses attracting over 2,000 adults from the mid-Michigan area. Courses (including online courses) are taught by MSU faculty and guest instructors and are offered cooperatively with MSU colleges and units and off-campus organizations. Courses offer a stress-free learning environment without credits or exams. Textbooks may be recommended in some courses.

The annual Odyssey to Oxford travel/study program offers all adults a two-week residential study program at the University of Oxford, famous as a great center of learning since the 12th century. Each participant enrolls in one course taught by Oxford tutors in the mornings, and attends afternoon field trips and general lectures in the evenings. New courses are offered every year. Call (517) 355-4562 or visit for more information.

OFFICE OF THE PROVOST

Lou Anna Kimsey Simon, Provost

The Provost (Vice President for Academic Affairs) is the principal academic officer of the University with administrative responsibility for the colleges, academic programs, and all academic units. 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 Office of the Provost also has administrative responsibility for the Office of Admissions and Scholarships; Libraries, Computing and Technology; Office of Facilities Planning and Space Management; Office of Financial Aid; The Graduate School (jointly with the Office of the Vice President for Research and Graduate Studies); Performing Arts Facilities and Programs including the Wharton Center for Performing Arts; Office of Planning and Budgets (jointly with the Vice President for Finance and Operations); Office of the Registrar; Office of the Secretary for Academic Governance; and University Outreach. In addition, the Office has University-wide responsibility for Summer Session programs, University travel, commencement, Faculty Seminars, academic human resources, liaison with academic governance standing committees, and awards for faculty and graduate assistants.

The two departmental units and selected administrative units are described in the statements which follow.

Department of Aerospace Studies

(U.S. Air Force Reserve Officer Training Corps Program)

The Air Force Reserve Officer Training Corps (AFROTC) program consists of either a two-year program or a four-year program.

The four-year program is composed of the General Military Course (GMC) and the Professional Officers Course (POC), both of which are taken on campus, and attendance at a four-week field training encampment.

The two-year program is composed of the equivalent of the GMC which consists of attendance at a six-week field training encampment and the POC which is taken on campus.

Scholarships

The AFROTC program offers, to qualified students, four-year scholarships as well as scholarships for periods of three and two years. Although stipends vary, these scholarships pay for tuition, fees, a book allowance, and a monthly subsistence allowance during the academic year ranging from \$250 to \$400. Students

must apply for the four-year scholarship by December 1 of the senior year in high school. Applicants for scholarships covering periods of less than four years should apply during fall semester of the school year preceding the one in which the scholarship would become effective.

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 deals with 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 air power employment in military and nonmilitary operations and the evolution of air power concepts and doctrine.

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

Although the equivalent of the GMC is available through attendance at a six-week field training encampment, persons seeking entry into the POC are encouraged to complete as many GMC courses as possible.

Professional Officers Course

Students are accepted for the POC on a competitive basis provided they have at least two years of school remaining as a full-time undergraduate or graduate student. Performance in the GMC and/or the field training encampment is 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 by the successful leader. The 400-level portion of the POC is designed to provide future Air Force officers a background in national security policy and 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 Reserve 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 openings for individuals who qualify for flight training after graduation, who are majoring in scientific and engineering programs, who are seeking missile duty, and who qualify for numerous non-flying specialties.

Leadership Laboratory

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. The laboratory typically includes field trips to Air Force installations throughout the United States.

Field Training

Students qualifying as four-year program cadets attend a four-week field training encampment. Those students qualifying as two-year program cadets attend a six-week field training encampment. Students normally attend this encampment between their sophomore and junior years. All expenses are paid by the Air Force during the encampment. See also: www.msu.edu/user/airforce/.

Department of Military Science

(U.S. Army Reserve Officers' Training Corps Program)

Michigan State University offers undergraduate and graduate students an opportunity to qualify as commissioned officers in the United States Army. The Army Reserve Officers' Training Corps (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. (Aliens 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. Most 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, if the student is a resident of Michigan. 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 \$250 to \$400. 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 Basic Camp 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 one course from an academic department other than the Department of Military Science in each of the following areas: written communication skills, human behavior, military history, computer literacy, and mathematical reasoning. A list of approved courses is available

from the Department of Military Science. Furthermore, it is recommended that all students complete a management course and a national securities course from a list of approved courses available from the department. Two scheduled field trips are required each year, and all students must meet physical fitness and weight standards. All Advanced Course students must attend a six-week long Advanced Camp at an Army installation. 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, Jungle Expert, Master Fitness, or Northern Warfare training. Additionally, selected students are offered the opportunity to participate in Cadet Troop Leadership Training and spend three weeks performing 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 courses in the Basic Course. See also: www.msu.edu/unit/milsci/.

Libraries, Computing and Technology

David Gift, *Vice Provost*

Advised by the University Committee for the Library and the Communications and Computer Systems Advisory Committee, Libraries, Computing and Technology oversees Administrative Information Services, the Client Advocacy Office, the Libraries, the University Archives and Historical Collections, the MSU Computer Laboratory, the Instructional Media Center, Broadcasting Services, and technological support to online and computer-mediated instruction and distributed processing in departments and colleges, and coordinates planning and provides centralized computing and digital communications services. Libraries, Computing and Technology encourages the use of information technology to support and enhance the quality of instruction, research, and service programs throughout the University.

The Computer Laboratory provides microcomputer facilities as well as mainframe computing. Parallel processing is supported on a Sun Enterprise 6000. Multiple Silicon Graphics, Sun, and IBM systems support bulk Unix processing.

The Computer Laboratory also provides University network services, including Gigabit, FDDI and DHCP Ethernet communications via a cross-campus broadband fiber system, plus access to external networks including MERIT, I2, vBNS and the Internet. In addition, consulting, educational, email, data management, and engineering services are available in all areas of mainframe and distributed computation, microcomputing, and digital networking.

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The Instructional Media Center provides professional staff and facilities for the complete design, development, and production of mediated programs including motion picture films, computer generated slides and transparencies, black and white and color film processing, custom black and white and color printing, E-6 slide film processing, complete desktop publishing, graphic materials (slides, charts, displays, signs and complete signage systems, etc.) and slide/tape programs. The center maintains an educational film library and provides complete public address, telelecture, and portable television systems; acoustical analysis; audiovisual equipment repair including two-way radio systems, microphones, and dictaphones; audio tape recording; and high speed duplication. Basic audiovisual equipment (such as 16mm, overhead, and slide projectors) and projectionist services are provided at no charge during class hours for regularly scheduled courses. The Marketing Division assists faculty with the dissemination of University-sponsored instructional materials, including software.

Broadcasting Services provides instructional, informational, and cultural programming on behalf of the University for its students and faculty and for the people of the state. An information packet, available on request, includes a complimentary copy of the monthly program guide for channel 23 and the quarterly instructional television newsletter.

The facilities and services of Broadcasting Services include three television studios equipped for color, portable television production equipment for out-of-studio use, recording and editing facilities, a television teaching auditorium, three television teaching classrooms, a Ku-band satellite uplink, codecs for two-way video, a campus-wide closed circuit cable television network, and a library of some 3,500 instructional videotapes.

Instructional Television Services (ITV) include the design, production, recording, and distribution of televised instructional programs. A professional staff, including instructional consultants, producers, and technicians, is available to assist the faculty. Selected courses are presented via cable television in the East Lansing and Lansing metropolitan area. Video cassettes of course materials are available for viewing in the MSU Library.

WKAR-TV provides public television service on channel 23 and is affiliated with the Public Broadcasting Service (PBS), the regional Central Educational Network (CEN), and the Michigan Corporation for Public Broadcasting (MCPB).

Broadcasting Services also operates the University Radio Stations, WKAR-AM at 870 on the AM dial and WKAR-FM at 90.5 on the FM dial. The FM station is simulcast on the Internet at www.wkar.org. These stations provide educational and public service programming on behalf of the University for its faculty and students, and for all of the people of the state. A schedule of these programs is available upon request. WKAR-AM-FM also offers various programs to other radio stations in Michigan and other states. A specialized broadcast service for persons with disabilities is presented eight hours a day via a subchannel of WKAR-FM. WKAR-AM-FM are affiliated with the National Public Radio network and the Michigan Public Radio network, through which some of the programming is obtained.

Satellite-distributed teleconferences of varied types and for a variety of instructional and informational purposes are organized by Broadcasting Services. MSU cooperates with many originating groups and networks in hosting teleconferences for professional and public groups, as well as for University audiences. Broadcasting Services serves coordinating functions and also produces teleconference originations in both audio and video formats for University groups as well as contracting for external educational groups.

Administrative Information Services supports University functions reliant upon student, financial, human resource, and alumni/donor data.

The Client Advocacy Office assists campus units and individuals in planning and implementing information technology projects. It also coordinates data resource administration, regulatory compliance and policy matters.

The Virtual University Tech Group provides development and operational support to campus units offering credit and non-credit courses on the Web.

Office of Financial Aid

The staff assists approximately 62 percent of MSU students in meeting their educational costs by administering a comprehensive program of grants, loans, and work opportunities funded through federal, state, donor, and institutional resources. Eligibility for most of these aid programs is determined by a standardized needs test which is part of a general application process. Scholarships provided by private donors and academic departments are administered through this office.

Staff members advise students with long-term and short-term financial needs. In addition, they provide information and resources for faculty, staff, parents, high school counselors, and prospective students through workshops, visitations, and special presentations.

For information on available financial aid and application procedures, refer to the *General Information*, *Undergraduate Education*, and *Graduate Education* sections of this catalog.

Office of the Secretary for Academic Governance

The Secretary for Academic Governance is secretary to the Academic Senate, Academic Council, Executive Committee of Academic Council, Faculty Council, and Academic Assembly of ASMSU and serves as ex-officio member on the University Committee on Academic Governance. The Office of the Secretary provides staff support to the Academic Council and its committees, supervises elections to the Academic Council and its committees, and provides assistance to colleges, departments, and schools in the preparation and interpretation of unit bylaws for academic governance.

Michigan State University Press

Fred C. Bohm, *Director*

Michigan State University Press is the scholarly publishing arm of the University. The Press publishes books and journals in the humanities, liberal arts, and social sciences. The Editorial Review Committee and senior staff recommend titles and journals for publication.

MSU Women's Resource Center

Patricia M. Lowrie, M.S., *Director*

The MSU 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 and to empower women faculty, students, and staff to actively participate in the life of the University, to fully utilize their skills and abilities, 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 Vice President for Finance and Operations, and the Vice President for Student Affairs and Services.

For further information, visit www.msu.edu/wrc; or email wrc@msu.edu.

URBAN AFFAIRS PROGRAMS

Dozier W. Thornton, Acting Dean

Urban Affairs Programs has special responsibility for coordinating and strengthening the University's multidisciplinary and multicollege degree programs that prepare students to become scholars and practitioners in the field of urban, metropolitan, and regional studies and practice and for supporting research, outreach, and community partnerships seeking to improve the quality of life in urban, metropolitan, and regional areas. A major goal is to blend the University's interdisciplinary scholarship in teaching and research with the knowledge and skills of community partners to accomplish projects that neither could conduct as well alone. Urban Affairs Programs supports major research/outreach programs and initiatives including the Center for Urban Affairs and its Community and Economic Development programs, a program in Urban Politics and Public Policy, programs in Housing, and the Race, Urban Inequality, and Social Justice Initiative.

For further information, email uap@msu.edu, call (517)353-9533, or visit www.msu.edu/unit/uap.

Urban Affairs Programs

The mission of Urban Affairs Programs is to facilitate and coordinate research, public service, and graduate instruction directly related to urban development and the problems and conditions of urban life. A major goal of Urban Affairs Programs is to link the needs of communities with resources (particularly MSU resources) which can offer solutions to problems.

Center for Urban Affairs

The Center for Urban Affairs is the outreach component of Urban Affairs Programs. It is responsible for facilitating and coordinating outreach scholarship and public service efforts designed to address the needs of urban residents and communities in Michigan, the nation, and other countries. To fulfill this charge, the Center for Urban Affairs uses a variety of University and community resources. The Center for Urban Affairs Community and Economic Development Program provides training and direct assistance and capacity building designed to increase the capabilities of community-based organizations; assists community-based organizations with identifying concerns in the community and developing adequate responses to urban problems; conducts research that assists in the development and implementation of urban problem-solving strategies; and promotes and expands MSU's capacity to provide needed training, direct assistance, and research to address issues of urban communities.

Two other projects of the Center are the Sense of Community Project (SOC Project) and MetroLIVE, a weekly television program. The SOC Project studies the sense of community to find ways to build social capital that can improve the quality of life. MetroLIVE is a half-hour, live interactive show which focuses on current urban and family issues that have an impact on the quality of life in urban and metropolitan areas.

Urban Politics and Public Policy

The program in Urban Politics and Public Policy is a joint program of UAP and several academic departments. Some of its work is done collaboratively with the College of Social Science Institute for Public Policy and Social Research. The program has three initial research foci: 1) Brownfield redevelopment/urban land use.

Redeveloping brownfield properties raises issues relating to environmental remediation, land-use, and economic development. 2) Nonprofit organizations. Studying the key roles these organizations play in economic development, social justice, and the political incorporation of minority populations into the local political process. 3) Privatization of local services. Examining the true cost and consequences of privatizing publicly financed goods and services. The goal is to build a strong interdisciplinary team with the capacity to address key issues in urban policy.

Programs in Housing

Several research initiatives review and examine a variety of issues in housing. These include affordable housing, manufactured housing, migrant housing, residential segregation, low-income rural housing, public housing, and homelessness as well as the relationship of home ownership to strong neighborhoods, community stability, economic development, safety, health, and personal well-being. University-community collaborative partnerships are the primary vehicle for seeking to understand and support the creation of economic and social capital through research and outreach in housing.

Race, Urban Inequality, and Social Justice Initiative

This initiative promotes a systematic and directed focus on research issues related to race, urban inequality, and social justice through the development and maintenance of linkages, both within and external to the University. It promotes research, outreach, and education which facilitate understanding and problem-solving on issues related to race and social justice in urban areas.

Graduate Educational Opportunity Programs

This program, which is administered by The Graduate School, is described in the *GRADUATE EDUCATION* section of this catalog.

OFFICE of the VICE PRESIDENT for RESEARCH and GRADUATE STUDIES

Robert J. Huggett, Vice President for Research and Graduate Studies

Research and creative activity are tightly woven into the culture at Michigan State University, part of the daily life of professors and students alike. What researchers learn in their labs becomes what they teach in classrooms on campus and off. Through explorations of aesthetics, education, business, the arts, and the humanities, researchers also explore the behavior of the human as a thinker, an artist, and a citizen of a state and the world. The goal of such learning and creating is to develop knowledge that provides a deeper understanding of individuals, society, and the world and to help make the world a better place to live.

Every aspect of life is influenced by MSU research, which addresses topics as diverse as growing and storing food; understanding, preventing, and treating diseases; and developing biometric methods for verifying identity. Basic discoveries about

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the age of stars, the nature of atoms, and the structure of proteins will affect textbooks and medical care for generations to come.

MSU's research breakthroughs—from the cross-fertilization of corn in the 1870s and the homogenization of milk in the 1930s, to one of the most successful anticancer drugs in the 1960s, and a system to reduce the time needed to detect salmonella on fruits and vegetables in 2000—have improved life for people around the world.

Today, at the beginning of the 21st century, research is still the foundation of the intellectual enterprise at Michigan State University. Much of it cuts across traditional disciplines, and much of it reaches beyond the United States. In the land-grant problem-solving tradition, MSU faculty, staff, and student researchers address areas including the environment, food production and processing, criminal justice systems, communications, energy systems, and human and animal health. Faculty, staff, and students explore new materials, delve into the genes of plants and animals, and reach to the edges of the universe to design ways to improve life for all.

The Office of the Vice President for Research and Graduate Studies stimulates, supports, and oversees policy relevant to the research and creative aspirations of faculty and graduate students throughout the university. The office supports infrastructure for the MSU research enterprise by providing services that enhance the safety of researchers and by maintaining major analytical facilities that enable researchers to conduct advanced studies. In concert with the Provost, the office is responsible for maintaining a healthy relationship between research and creative scholarship and the education of graduate students.

The office facilitates assistance to industry and access to university expertise by public and private organizations. It is a source of information on sponsored research activities and on potential sources of support for all MSU departments and colleges. The office makes grants to faculty and interacts with the MSU Foundation on research-related matters. It is responsible for the administration of patent policies and the university's research regulatory functions. The office administers the MSU Museum; the Office of Radiation, Chemical and Biological Safety; University Laboratory Animal Resources, and jointly with the Provost, The Graduate School.

For further information, email vpgrgs@vpgrgs.msu.edu, call (517)355-0306, or visit <http://www.msu.edu/unit/vpgrgs/>.

University Laboratory Animal Resources

The University Laboratory Animal Resources (ULAR) is dedicated to the humane care of animals used in research and teaching and provides supportive services for instructional and research programs involving laboratory animals. ULAR's animal care staff provide daily animal care, and a veterinarian is always available. There is no charge for veterinary care.

ULAR coordinates the purchase and delivery of laboratory animals, as well as the purchase, storage, and delivery of laboratory animal feed and bedding. On a per diem basis, ULAR can provide partial or complete animal care service, either in central facilities or in departmental facilities. Technical services and assistance with research programs are available for a fee. Training for technical skills development is available at no charge. Professional consultative services are provided without charge.

ULAR maintains a library of audiovisual programs (slides/tapes, video tapes), books, news clippings, and scientific articles concerning the use of animals in research. This material can be borrowed for individual study or departmental education programs.

ULAR personnel are available for lectures and laboratories in MSU courses. Group tours of the animal facilities can be arranged by calling the director at 353-5064.

Michigan State University Museum

C. Kurt Dewhurst, Ph.D., *Director and Curator of Folk Art*

The MSU Museum provides education through exhibits and statewide outreach programming with supportive research through the accumulation, preservation, and study of documented collections, and with public service for the state of Michigan. These activities focus on a theme of natural and cultural history with emphasis on the state of Michigan and the Great Lakes region. The museum is a Smithsonian Affiliate Museum.

Exhibits that illustrate basic concepts feature pertinent display specimens and objects of natural and cultural history. The continuing exhibit "Diversity of Animals: Our World/Our Responsibility" provides a comprehensive view of vertebrate biodiversity issues. Habitat groups in the Hall of North American Life are outstanding exhibits in natural history. The Hall of Evolution traces, through displays of specimens and murals, the history of our planet and prehistoric life. The Hall of World Cultures examines the concept of culture as expressed in a changing series of cases devoted to the diversity of cultural expression throughout the world. A series of exhibits that explore the theme of cultural heritage are featured in Heritage Hall. Reconstructed are a British fur trader's cabin (c. 1780), a country store (c. 1900), and a printing shop (c. 1900). Major special exhibits and educational programs are featured throughout the year. An orientation theatre and orientation exhibits provide an overview of museum activities, programs, and services. The Museum Store offers educational and gift items from around the world.

Research materials include documented collections of fossil and modern vertebrates (mammals, birds, reptiles, amphibians, and fishes), folk art and folklife, and historical materials, notably from archaeological excavations of sites of early human habitations in the upper Great Lakes region. Collections are under the care of curators who may hold joint appointments in such departments as Anthropology, Art and Art History, Fisheries and Wildlife, Geological Sciences, Agricultural Engineering, English, Human Environment and Design, and Zoology; who also teach courses within their specialties; and who direct graduate student research. These collections and the fieldwork required to obtain them are closely correlated with teaching activities and, indeed, strengthen the research and teaching capabilities of the several academic areas. Interested students participate in Museum fieldwork expeditions. Financial support is often available to assist research studies. Research contributions are published in periodic MSU Museum Publications. The Museum also collaborates with the Kresge Art Museum and other academic units to offer the *Specialization in Museum Studies* that is administered by the Department of Art and Art History.

Students desiring information concerning collections, field activities, or special studies in the MSU Museum may write to the director.

The Museum is the home of the Michigan Traditional Arts Program, the State Folklife Program. Major outreach programs include: the Great Lakes Folk Festival; the MSU Museum Traveling Exhibition Service; technical assistance to other museums; FOLKPATTERNS: a state cultural heritage program for youth, the Rural Arts and Culture Program; and an active contract archaeology program. Museum staff also provide consulting assistance to a wide variety of state museums and agencies on areas related to biodiversity and cultural resource management.

The MSU Museum is open to students and the public from 9:00 a.m. to 5:00 p.m. on Monday-Friday, and from 1:00 p.m. to 5:00 p.m. on Saturday and Sunday. Staff members in the Main Office and in the Museum Store can assist visitors and answer inquiries about the collections.

The MSU Museum has been accredited by the American Association of Museums.

Office of Radiation, Chemical and Biological Safety

John D. Parmer, *Director*

The Office of Radiation, Chemical and Biological Safety (ORCBS) is responsible for a comprehensive radiation, chemical, and biological safety program for all University operations. The public served consists of University faculty, staff, students, employees, and visitors. The ORCBS is responsible for oversight to assure the safe use of hazardous materials and to assure that use does not have a negative impact upon the surrounding community. The ORCBS provides educational and consultative services to all University units in order that colleges, departments, and faculty and staff may meet their responsibilities for ensuring safe practices when hazardous materials are used.

The ORCBS provides monitoring and training sessions and is responsible for the safe disposal of all hazardous wastes generated on the Michigan State University campus. The Office prepares required reports on hazardous materials to University, state, and federal agencies and is responsible for the safe design of facilities utilizing hazardous materials. The Office also assists employees to learn about potential hazards in the workplace.

The Office is guided by a number of University advisory committees on radiation, chemical, and biological safety.

The Office of Radiation, Chemical and Biological Safety may be reached by calling 355-0153.

OFFICE of the VICE PRESIDENT for STUDENT AFFAIRS and SERVICES

Lee N. June, 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. The Division of Student Affairs and Services staff work with students individually and in groups to assist them in achieving their educational and personal goals. Offices within the Division are listed below. For information call (517) 355-2264 (TTY 353-0304); visit 153 Student Services; or visit www.vps.msu.edu/vpsas/index.htm.

Multicultural Development

Led by the Special Assistant to the Vice President, this unit gives special attention to multicultural issues for both staff and students. Efforts include the development of training and resource materials, conducting experiential learning sessions and collaborative programming, and consultation with various offices, on the topics of: power and privilege, issues of race, gender, sexual orientation, religious diversity, physical abilities, and other human differences. For information, phone: (517) 353-7745.

Office of Racial Ethnic Student Affairs

Programs and services that are designed to enhance the quality of life for racial ethnic students are the primary focus of this unit.

Staff members work with a number of student groups and outreach programs such as: Academic Orientation for new students, the Racial Ethnic Aide Program, workshops to enhance academic success, and the Multicultural Center. Emphasis is given to supporting an environment that encourages African American, Asian American, Chicano/Latino, and Native American students to fulfill their individual potential and their educational objectives. For more information, phone: (517) 353-7745 or visit 338 Student Services or www.msu.edu/user/omsa. To contact the Multicultural Center, phone: (517) 432-7153 or visit at the MSU Union, cafeteria level.

Counseling Center

The Counseling Center offers time-limited counseling to MSU 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.

Two campus locations are available for service: 207 Student Services, 355-8270 and 329 Olin Health Center, 355-2310. The TTY number for the hearing and/or speech impaired is 353-7278. Additional information is available from <http://www.counseling.msu.edu>.

Educational and Support Services

Staff in this unit provide coordination for the division in areas of publications and communications, computer technology, and special projects. Staff also collaborate with the Department of Educational Administration to support the Student Affairs Administration preparation program and serve as administrators for EAD 315 Student Leadership Training. For information call (517) 353-6650 (TTY 353-6651); visit 162 Student Services; or visit www.vps.msu.edu/ESS/ESS_Home.htm.

Intramural Sports and Recreative Services

This department 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 welcome men and women at all levels of ability to participate in over 25 organized intramural sports and over 35 student sports clubs. Students may choose from a diverse array of activities: from formal league and tournament play, to more leisurely and informal recreational activities, to exercise and fitness programs. Persons with disabilities are urged to take advantage of those facilities accessible to them.

For more information, refer to *Intramural Sports and Recreative Facilities and Recreative Services* in the *General Information* section of this catalog, call the IM office at 355-5250, or refer to website: <http://www.imsports.msu.edu>.

Career Services and Placement

Career Services and Placement, which includes the Career Development Center, the Student Employment Office, and the Service-Learning Center, provides assistance to students and alumni planning careers and seeking jobs in business, industry, government, social services, and education. Career Services and Placement also collaborates with the Lear Corporation Career Services Center in The Eli Broad College of Business. Major emphasis is placed on providing information and assistance to students preparing for careers after graduation.

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Career Services and Placement assistant directors interact daily with employer representatives and are available to provide individual career advising to students. In addition, the staff:

1. Offers special workshops and materials to help students in areas such as resume writing, interviewing, and conducting job campaigns.
2. In cooperation with other University units, presents career information programs to campus clubs and special groups each year.
3. Provides vacancy listings for internships, seasonal, part- and full-time employment both locally and nationwide via JOBTRAK.
4. Coordinates on-campus interviewing opportunities for students via InterviewTRAK.
5. Maintains credential referral services for both students and alumni actively seeking employment.
6. Conducts extensive research in the area of career planning and the employment market for college graduates.
7. Sponsors annual career fairs for students with special placement needs or interests, such as: Teacher Recruitment Day, Minority Careers Program, Summer Employment Fair, International Career Symposium, and Graduate and Professional School Fair.
8. Offers career planning and job search resources to meet the specific needs of minorities, women, students with disabilities and lesbian, bisexual, gay and transgendered students.
9. Assists international and American students interested in practical training, home country placement, employment abroad or international careers.

The career development program assists students in identifying career-related goals early in their educational experience. Students can address and explore career development issues deliberately and systematically using various methods of intervention.

The **CAREER DEVELOPMENT CENTER**, 6 Student Services Building, provides resources to assist students in their initial career assessment, career exploration, work and volunteer experience options, and career plan implementation. In addition, information on MSU's academic programs and courses, graduate schools, planning a job campaign, job market prospects and employer information are available for student use.

Staff in the **STUDENT EMPLOYMENT OFFICE**, 110 Student Services Building, help students find part-time and summer jobs on and off-campus in addition to coordinating the annual J.O.B.S. Fair in the fall and summer Employment Fair in the spring.

The **SERVICE-LEARNING CENTER**, 27 Student Services provides Michigan State University students with experiential learning opportunities. Valuable experience is added to their formal education through internships or non-required community service work with 250 non-profit and governmental agencies in the Lansing area.

Undergraduate, graduate-professional, and graduate students serve for many reasons: to supplement their academic work, explore career options, gain practical experience, develop personal and job-related skills, and increase their marketability. Students also volunteer to meet critical community needs.

The Service-Learning Center also works with academic units in placing students in field experiences as required for certain courses or majors.

Contact Career Services and Placement at: (517) 355-9510 (TTY 432-0442), 113 Student Services, email csp@msu.edu, or visit www.csp.msu.edu.

Student Life

The 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.vps.msu.edu/SpLife/index.htm.

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. These 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 also 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 provides direction and coordination for the development and administration of the student non-academic disciplinary process. Responsibilities include: advising five all-student judiciaries and two student-faculty judiciaries; coordinating the selection and training of judiciaries; and training and supporting those serving as administrative officers within the disciplinary process. Staff also provide alcohol and marijuana education seminars attended by approximately 800 students a year.

STUDENT LIFE CENTER AND OFF-CAMPUS LISTING SERVICE. The staff provides information about University resources, student organizations, student events and off-campus living. A computer listing of available rental units is available.

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 400 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.

Department of Residence Life

Residence Life staff have responsibility for creating and managing learning environments in the residence halls and university apartments. The department provides live-in professional staff accessible 24 hours each day. In addition, student staff members serve as peer leaders, guides for ethical decision-making and mentors for multicultural competence. The department provides ongoing programs and activities that support learning, provide students with meaningful ways to connect with one another, and reduce barriers to individual success by connecting to University resources. For additional information, call (517) 353-3780; email reslife@msu.edu, or visit the department's website at www.vps.msu.edu/DRL/homepage.htm.