

RESEARCH ORGANIZATIONS, ACADEMIC AND COMMUNITY SERVICES

Division of Library and Information Resources

Henry T. Sampson Library

The libraries that comprise the Division of Library and Information Resources actively enhance and support the research, learning and teaching endeavors of the University community through the acquisition, organization, preservation, dissemination and interpretation of information. The libraries also provide services to users from the campus, as well as the community at large. Occupying a central location on the main campus, the Henry T. Sampson Library, is the principal and comprehensive library of the University. It is a facility of over 160,000 square feet that houses in excess of one million resource items. Included among the collections in the Sampson Library are the following:

- ◆ African-American Collection - a major collection of resources by or about people of the world who are of African descent.
- ◆ Special Collections - a non-circulating collection of documents with major concentrations of resources detailing the history of Jackson State University and African-Americans.
- ◆ Periodicals – in addition to print serial subscriptions, the Division also provides access to 58,155 unique electronic resources via databases.
- ◆ Government Documents - the library is presently a selective depository for federal documents.
- ◆ Media Resources - a number of audiovisual resources are available to enhance classroom instruction.

Library Services - The Division is a client oriented agency, and offers some of the following services:

- ◆ Reference Assistance - librarians are available onsite, at all times, to help patrons locate, select and interpret the appropriate information and resources. Library users may also obtain reference assistance via email (library@jsums.edu) or by telephone (601/979-4270).
- ◆ Library website – A newly designed library website (<http://sampson.jsums.edu>) serves as the portal to electronic and other library resources.
- ◆ Wireless internet access – The Sampson Library has wireless internet access throughout the building.
- ◆ Information Literacy (IL) Instruction - a major initiative that provides instruction in identifying, locating, evaluating, and using resources. IL is provided through formal classroom lectures, as well as through individualized instruction. Electronic and printed guides, handbooks, pathfinders and bibliographies made available to patrons, also contribute to the IL initiative.

- ◆ Interlibrary Loan - resources not held by the library are made available through this service. Some nominal fees may be incurred.

Facilities - The H. T. Sampson Library is furnished to meet the comfort and needs of library users. It is fully ADA compliant, with most of the library collections housed in open access areas. Additionally, the library also provides these specialized facilities:

- ◆ Computer Lab - a 100 workstation computer facility located on the first floor.
- ◆ Auditorium - with seating for approximately 120, the auditorium is located on the second floor and is used for campus based activities.
- ◆ Group Study Rooms - rooms located on the second and third floors are provided for groups engaged in study.
- ◆ Cyber Café - Java News@JSU is an upscale, full service coffee shop on the first floor.

Library Technology - Electronic library resources are available from campus as well as from remote locations and may be accessed from the library website at - <http://sampson.jsums.edu>. In addition to the online public access catalog (OPAC), other electronic resources include indices, abstracts, full text journal articles, and online books.

Branch Libraries - The branch libraries listed below support the academic program(s) indicated:

- ◆ Health Sciences Library - located in the Jackson Medical Mall, this library supports the College of Public Service as well as some of the special programs located in the Medical Mall.
- ◆ Cleopatra D. Thompson Curriculum Center Library - housed in the College of Education and Human Development, main campus, this library provides general support in the education curriculum and the Early Childhood Center.
- ◆ Information Services Library - located at the Universities Center on Ridgewood Road, this library offers basic support for the master and doctorate programs in Public Policy Administration, Business Administration, Social Work and the master programs in Communicative Disorders and Urban and Regional Planning.
- ◆ Jake Ayers Research Library - housed at the e-Center, the Ayers Library supports the Executive Ph.D. program.

The general public is invited to use any of the Jackson State libraries. Borrowing privileges, however, are reserved for university students, staff, and faculty. Regulations concerning the use of the facility are on the library website as well as in library handbooks and guides.

Division of International Studies

The Office of International Programs

The Office of International Programs (OIP) at Jackson State University seeks to promote institutional internationalization through the development of international activities. Specifically, OIP seeks to enhance language offerings; increase the involvement of students in study abroad programs; broaden the spectrum of fields involved in international research and development activities; increase the number of international projects in countries abroad; increase the enrollment of international students in academic programs; increase the level of participation of faculty, staff, students and administration in international activities; and increase awareness and understanding of the importance of globalization.

Established in 1993, the OIP serves as the central location for the development, implementation, expansion and coordination of programs and services in support of international teaching, research and service activities. In addition to a central office, OIP manages the English as a Second Language Institute (ESLI), the International Visitors Center of Jackson (IVCJ), the Study Abroad Program and the International Student Advisor. For more information, contact OIP at (601) 979-3791.

English as a Second Language Institute (ESLI)

Individuals from around the world come to Jackson State University to study English as a second language. The English as a Second Language Institute (ESLI), accredited by the American Association of Intensive English Programs (AAIEP), provides a curriculum that has been developed within the context of the national standards for foreign language learning as well as AAIEP standards. Non-credit courses offered by the ESLI program are periodically updated to be compatible with the goals of the program and to reflect the best current knowledge in the field. The ESLI program is an integrated, multi-skill program that links grammar, listening, reading, communicative functions, and topics and provides training in four categories:

- ◆ for entering internationals who plan to enroll in long term academic programs;
- ◆ regular English as a second language classes for international students who require additional ESL training;
- ◆ survival English training for internationals; and
- ◆ TOEFL (Test of English as a Foreign Language) preparation.

The ESLI offers five levels of ESL training: Beginning, High Beginning, Low Intermediate, High Intermediate, and Advanced with an average instructor-student ratio of 1:4. Four classes are held daily, Monday through Friday, for a total of 25 classroom hours per week. After classes, students are required to visit the multi-media language lab where audio/video equipment and computers with Internet access are at their disposal. For more information about the ESLI, call (601) 979-3793 or e-mail oksana.chernouosva@jsums.edu

International Visitors Center of Jackson

As a member of the National Council of International Visitors, the International Visitors Center of Jackson (IVCJ) is a part of a network of organizations with the expertise to host international visitors traveling under the auspices of the U.S. Department of State's Bureau of Educational and Cultural Affairs. The IVCJ arranges for international visitors to meet with JSU administrators, faculty and students in order to provide a total perspective of the university. Additionally, IVCJ has been instrumental in developing potential economic linkages between international entities and the state of Mississippi. In conjunction with the Office of International Programs, IVCJ cooperates in the sponsorship of an annual International Festival that provides a week of symposia, essay competitions, displays of traditional dress, art, song and dance, and a scholarship banquet whose proceeds benefit international students matriculating at Jackson State University. Participants include the JSU Family, elementary and secondary school students throughout the area, and business and professional representatives. The event calls attention to the efforts of OIP and IVCJ in promoting cross-cultural awareness and understanding. For more information, call (601) 979-2043.

The Study Abroad Program

The Study Abroad Program at Jackson State University was established in 1993. It provides the opportunity for JSU students and faculty to experience other cultures, develop friendships and make international professional contacts through the unique perspective of academic coursework. Within its broad mission of internationalizing JSU, the Study Abroad Program allows students and faculty to develop a global awareness by broadening intellectual and cultural horizons through educational opportunities at foreign universities. Interested students and faculty should visit the Office of International Programs to inquire about a summer, a semester, or even a year of study opportunities in the country they have always dreamed of visiting. For more information, call (601) 979-3795.

The University Information Management Office

The Office of Information Technology (OIT) includes the following units: Academic Information Technology, Telecommunications, the Computer Center, Web services, and Support Services. OIT provides the campus community with computer laboratories, electronic classrooms, high-speed Internet access, and advanced telephone and video communications. Web services allow students to access their academic and financial records, update personal information, review recent account activity, view grades, register for classes.

Office of Research Development, Support and Federal Relations

The Office of Research Development, Support and Federal Relations at Jackson State University is the conduit for the university's interaction with the world. It shares with the world the achievements of the University family and the expertise of University scholars. It also creates, promotes and supports a research and development environment at the University by providing faculty and staff with assistance and

support in identifying, securing externally funded grants, contracts, and cooperative agreements. The Office coordinates all research compliance issues and federal relations activities.

Office of Sponsored Programs

The Office of Sponsored Programs (OSP) is the centralized unit charged to coordinate research and sponsored program activities campus-wide. The Office strives to maintain a supportive environment for research and scholarly endeavors, and encourages faculty and staff to seek external funding to support the mission of the University and to explore alternative means to advance their professional interests. OSP seeks to ensure that the most up-to-date funding information is available. To that end, the following services are offered: (1) identifying funding opportunities, (2) coordinating proposal and budget development and, (3) assisting with project implementation and management.

Mississippi Urban Research Center

The Mississippi Urban Research Center (MURC) seeks to improve the quality of urban life through the conduct of basic and applied research. The Center collects, analyzes, evaluates and disseminates data on critical urban issues to policy makers, service providers, urban planners, educators and community leaders. Additionally, the MURC conducts instructional and training programs for persons working in or expected to pursue careers in urban public service.

Institute for Multimodal Transportation

The Institute for Multimodal Transportation, or IMTrans, is a federally designated University Transportation Center. The mission of the Center is to advance U.S. technology and expertise in the management of metropolitan mobility through mechanisms of education, research and technology transfer activities that combine the multiple modes of transportation into a comprehensive, integrated transportation system.

Jackson Heart Study Coordinating Center

The Jackson Heart Study is the first large-scale study of cardiovascular disease in African-Americans. Jackson State University is responsible for developing a data coordinating center and mobilization of the community. The primary mission of the coordinating center is to assure the validity of the research findings and provide comprehensive statistical needs, and provide administrative support.

National Center for Biodefense Communications

The National Center for Biodefense Communications for Rural America (the Center) is a strategic initiative to bring to bear Internet-based technologies for early detection of significant human and animal health events through basic and applied research, and to issue authorized, secure, non-public, bioterror alerts and notification to authorized and appropriate policymaker, healthcare and first-responder recipients. The Center is particularly focused on bioterror surveillance and event detection and response as to events originating in urban and rural America.

School of Health Sciences

Institute of Epidemiology and Health Services Research

The Institute of Epidemiology and Health Services Research was established in 2001 with a grant for the U.S. Center for Disease Prevention. The goal for the Institute is to understand and eliminate the pervasive inequalities affecting the health and health care of racial and ethnic minorities and other underserved populations. These disparities, ranging from acute to chronic diseases to injury and violence, they include both access to health services, affect people of all ages, and cause unnecessary suffering, disability and premature death. Using innovative approaches and multidisciplinary research concepts and methods, the Institute is dedicated to improving the health and quality of care of minorities.

Center of Excellence in Minority Health

The mission of the Center is to address and eliminate the health inequalities affecting minorities through innovative programs in: community outreach and information sharing, research on the causes of health disparities, education, and career development training.

The goals of the Center are to: strengthen university and community relations, enhance the understanding of community needs, enhance the dissemination and application of research, expand and improve minority health, and support JSU's commitment to understanding and eliminating disparities.

School of Business

Center for Business Development and Economic Research

The purpose of the Center for Business Development and Economic Research is to coordinate research and service functions of the School of Business. The CBDER is composed of three units which highlight the School's central mission - research, service and teaching: the Bureau of Development Center, and the Financial Assistance Services and Training Project.

School of Education

NASA/JSU Educator Resource Center

The major goal of the NASA/JSU Educator Resource Center is to strengthen all teacher education programs and graduates at Jackson State University. The Center serves as a catalyst in teaching, learning, research and clinical practice. The Center augments the Curriculum Laboratory, Statistical Laboratories and Microcomputer Laboratory where students receive assistance in research design, applied use of technology and other course related activities.

School of Liberal Arts

Interdisciplinary Alcohol/Drug Studies Center

This Center is an interdisciplinary unit which provides graduate education, research and service delivery in substance abuse. The Center has five program components: education, research, training, prevention and intervention.

Margaret Walker Alexander Research Center

There is no archival research center focusing on the Twentieth Century African American. The Margaret Walker Alexander National Research Center fills this void. Nationally, it provides a contrasting focus to the broad, generalized

approach of more than 13 African American archival research collections or centers.

The Center addresses two major themes: African American life in the segregation period and African American life in the Civil Rights Movement era. Other topics include African American migration, Head Start programs, education, health care, business, rural life, home ownership, churches, night life, the legal profession, military life, and music- blues, jazz, gospel, spiritual and classical.

Technology Transfer Center

The main purpose of the Technology Transfer Center when initially established was to provide technical assistance, training programs, and management services to governmental jurisdictions and agencies primarily involved in roads, bridges, maintenance and related transportation functions. The scope of the Center has expanded to include a comprehensive array of transportation related services including technical assistance to governmental jurisdictions and agencies in rural, small urban, and regional areas.

Specific program objectives are: to stimulate governmental communication and agreements; to serve as a clearinghouse for the dissemination of information relative to transportation among agencies and individuals; and to provide professional technical assistance to governmental units and agencies, on a consultant and contractual basis, that will transfer transportation expertise and enable clients to better accomplish service needs.

School of Science and Technology

Trent Lott Center for Geo-Spatial Research and Visualization

The Trent Lott Geospatial and Visualization Research Center (GVRC) was established to bond existing capabilities and talents in the areas of Geographic Information Systems (GIS), Remote Sensing (RS) and Scientific Visualization (Sci-Viz) and co-locate them in a centralized facility. This created an infrastructure of technology, data, people and institutional linkages that enables the discovery, evaluation and application of geospatial and visual data for adding value to research across various areas and disciplines.

The GIS/RS laboratories support the development, enhancement and transfer of GIS/RS applications, make geospatial data available and accessible, and promote research and development innovation among users. The Sci-Viz laboratory supports the need of scientists and researchers relative to modeling, program application development and production of high quality advanced visualizations for all fields or disciplines. The GVRC addresses human resource development to ensure a skilled workforce which is vital for sustenance of any high level technology activity.

The goal of the GVCR is to provide a consistent and reliable means to produce and share geospatial and visualized data among all users which would lead to enhanced management and use of data as well as expanded research results. The key objectives are: to improve planning, analysis and decision-making through wide availability of geospatial visualized data and applications; to ensure that end users are able to acquire reliable data sets and detailed visualizations; to increase the

number of qualified professionals in GIS, RS, Scientific Visualization and related fields.

There are adequate facilities, equipment and software for implementing existing programs and activities as well as other services and research-support desired by end users in GIS, RS, training and visualization.

Center for Environmental Health

This Center was established with a focus on research and development in the area of environmental health. The research center evolved as a "Center of Excellence" in the integration and application of environmental science concepts, methods, and strategies for conducting interdisciplinary environmental health research. The research focuses on the understanding of the basic mechanisms by which toxic substances compromise health. The long-term goal is to produce well-prepared graduates and state-of-the-art research in health and biomedical sciences which would allow the design of prevention and intervention strategies to investigate effects of human and animal exposure to environmental contaminants.

Center for Defense Integrated Data

The objectives of this center are to research, experiment, develop, test and demonstrate (1) fused sensor data technology that provide for near real time simultaneous processing of significantly increased number of target sets, (2) key data features and models for missile defense sensors, (3) neural networks, intelligent agents, and fractal analysis for prediction, classification, data association and data filtering, (4) autonomous updating methodology facilitating immediate access to databases that a continually current, (5) conflation hardware-in-the-loop Test Bed that enables current and developing sensor/sensor suites to be optimized for warfighter utility, and (6) data delivery networks that are fine-tuned and reliable for conflation employment, with emphasis on wireless and backbone networks.

Northrop Grumman Center for High Performance Computing of Ship Systems Engineering

The primary mission of the Center is to conduct computational fluid dynamic (CFD) study, i.e. research and development of accurate, efficient and robust numerical solvers for fluid flows of all speeds ranging from incompressible flows to hypersonic flows. Primary applications include: (1) aerodynamic simulations of airflows around aircraft or ground vehicles, (2) hydrodynamic simulations of surface ships or submerged objects, and (3) heat and mass transfer in fluid media. The goal of these simulations is to provide accurate prediction of the forces exerted on a given geometry, reducing cost and time in designing and improving aircraft and watercraft.

University Press of Mississippi

The University Press of Mississippi was founded in 1970 to encourage research and the publication of scholarly work. Functioning as the scholarly publishing arm of the state-supported universities in Mississippi, the University Press is governed by a Board of Directors made up of one representative from each of the eight state universities, one

representative from the Board of Trustees of Institutions of Higher Learning, and the director of the Press.

Health Center

The Health Center staff is organized for treating the usual minor illnesses and injuries. The University physician's hours are 9:00-10:00 a. m. Monday through Saturday, with the exception of Thursday morning, and 1:00-2:00 p.m. Monday through Friday. Family planning services are available by appointment only.

Students requiring emergency treatment should report to the Health Center. Transportation will be provided to an emergency room of a local hospital, if deemed necessary. Students who are suffering from chronic or prolonged illnesses or severe injuries may receive emergency treatment in the clinic but the staff will assist the student and his/her family in arranging for the continuation of medical care outside of the University Health Center.

Every full-time student, graduate and undergraduate, is enrolled in a student insurance program. A description of insurance benefits may be found in a brochure available from the Health Center or the Office of Student Life. A student should present his/her validated I. D. card when requesting services in the Health Center. There is a nominal charge for some special drugs prescribed and filled in the Health Center.

Bookstore

The Bookstore, located on the first floor of the Jacob L Reddix Campus Union, is operated as an educational facility coordinated with the academic program. The Bookstore is the campus center for the ordering and selling of textbooks and supplementary reading materials. The Bookstore also carries school supplies and a limited quantities of office supplies. It sells University jewelry (including class rings and pins), pennants, stickers and other insignia items. Commencement announcements and caps and gowns are ordered through the Bookstore.

Post Office

The Jackson State University Post Office a substation of the United States Postal Service, located on the first floor of the Campus Union, provides all of the mail services which can be obtained at larger post offices. Basic services include selling of stamps, stamped envelopes and postal money orders, sending and receiving of registered, certified, insured and express mail, renting of postal boxes and the receiving of Western Union Money Orders. Stamp vending is provided for after hours conveniences.

Campus and interdepartmental mail may be routed through the Campus Post Office without postage. The zip code for the University is 39217.

Telephone service

Telephone service is available in all offices and departments at Jackson State University for the transaction of University business. Outside telephone calls may be made from administrative and academic buildings by dialing 9, and outside calls from dormitory buildings by dialing 6, followed

by the desired seven-digit number. On-campus calls may be made by dialing the designated four-digit number. Individuals off campus wishing to call persons on campus should dial 601-979-2121 for assistance. For the convenience of students and others making personal telephone calls, pay telephones are strategically located in a majority of administration and classroom buildings throughout the campus and in all student dormitories. Students can obtain their long distance services on and off campus through the Office of Telecommunications.

WJSU (FM Radio) and LPTV-W23BC

Jackson State University operates the FM educational radio station, WJSU, on an assigned frequency of 88.5 MHz and a Production Training Center. Together they provide practical experience for students majoring in Mass Communication and continuing education for established broadcast and recording professionals.

The Low Power Television Station, W23BC, serves the metropolitan area of Jackson within a ten-mile radius. The station provides excellent educational opportunities for public relations, advertising and marketing students.

Office of Financial Services

The Office of Financial Services (Business Office) is located in B. F. Roberts Hall, across from the Administration Tower. The primary function of the Business Office is to provide financial services to students, faculty, staff, and other members of the JSU family. The staff strives to provide courteous, accurate, and timely service to the public in all financial areas. The Business Office is organized to include the areas of Student Accounts, Cashiering, Payroll, Requisitioning, Accounts Payable, Student Loans, Grants and Contracts, and Accounting Services.

Campus Police

The Public Safety Department is responsible for the general welfare, protection and security of the students and faculty of the University. In this respect it is particularly concerned with the following responsibilities: (1) the prevention of crime on campus; (2) the enforcement of local, state, and federal laws; (3) the enforcement of rules governing standards of conduct; (4) the enforcement of rules governing parking of automobiles and traffic regulations; and (5) the maintenance of sound security measures for properties belonging to the University, students and employees. The Department consists of certified police officers trained at the Mississippi Law Enforcement Officers Training Academy. The Department also employs twelve non-certified support personnel.

All motor vehicles operated on campus by students, faculty and staff members must be registered with the Office of Public Safety. Automobiles or motor vehicles must be parked on the campus of Jackson State University only in those areas designated as parking areas, in such manner, at such places, and for such time as may be indicated on appropriate signs or markers. Drivers not conforming to regulations will receive a traffic ticket and/or may be towed. Parking permits are not transferable and must be removed from the vehicle immediately upon change of ownership or it

the person severs his connection with the University. If necessary, Jackson State University may restrict parking in certain areas.

Housing

On-campus housing for all students is under the general supervision of the Dean of Student Affairs for Housing. On-campus consists of seven dormitories. Students who wish to reside in the residence halls while attending Jackson State University should request an application for housing.

The application for housing must be completed and returned with a room and housing fee to the Assistant Dean of Student Affairs for Housing, Jackson State University, Jackson, Mississippi 39217. Applicants should make check or money orders payable to Jackson State University. The housing fee is required for all students who plan to reside in the dormitory and must be paid at least 15 days prior to the date the student plans to enter the dormitory. Full-time graduate students are eligible to reside in on-campus housing if they so desire. Married student housing is not available on campus.

Psychometric Services

A wide range of tests is available at Jackson State University. Presently, the testing services administer several national testing programs, a special University testing program and others. The national testing program includes:

- ◆ *The Graduate Record Examination (GRE)*. The Graduate Record Examination is administered to graduating seniors and is used to evaluate the students' aptitudes and levels of achievement in various fields of concentration. The test is often used as a selective device for graduate school because of the validity of its descriptive and predictive data. The General Test is computered-based and it is given in Jackson, MS at the Sylvan Learning Center. The Subject-Test is a paper-pencil test and administered on campus.
- ◆ *PRAXIS*. The Praxis Examination is taken by students who plan to enter the teaching profession. The test is used to meet entry level licensure for employment by many states.
- ◆ *The Graduate English Competency Examination (GECE)*. Every entering graduate student at Jackson State University must have evidence of the ability to express himself/herself in writing before becoming a candidate for a degree. The GECE is required of all first-time students enrolled in the Division of Graduate Studies. It is to be taken by new students at the scheduled time prior to or immediately after enrollment. The GECE is given during both the Fall and Spring semesters and during the summer term.
- ◆ *The Graduate Management Admission Test (GMAT)*. The Graduate Management Admission Test is required for business administration majors. It is a computer-adaptive test that is available in Jackson, MS at the Sylvan Learning Center.
- ◆ *The Miller Analogies Test (MAT)*. The MAT is required for several programs. This exam is administered on campus on the second Wednesday of each month. Application deadline is one week prior.

**The student should consult the major department and the academic school for specific required examinations.*

Oak Ridge Associated Universities

Since 1994, students and faculty of Jackson State University have benefited from its membership in Oak Ridge Associated Universities (ORAU). ORAU is a consortium of 96 colleges and universities and a contractor for the U.S. Department of Energy (DOE) located in Oak Ridge, Tennessee. ORAU works with its member institutions to help their students and faculty gain access to federal research facilities throughout the country; to keep its members informed about opportunities for fellowship, scholarship, and research appointments; and to organize research alliances among its members.

Through the Oak Ridge Institute for Science and Education (ORISE), the DOE facility that ORAU operates, undergraduates, graduates, postgraduates, as well as faculty enjoy access to a multitude of opportunities for study and research. Students can participate in programs covering a wide variety of disciplines including business, earth sciences, epidemiology, engineering, physics, geological sciences, pharmacology, ocean sciences, biomedical sciences, nuclear chemistry, and mathematics. Appointment and program length range from one month to four years. Many of these programs are especially designed to increase the numbers of underrepresented minority students pursuing degrees in science- and engineering-related disciplines. A comprehensive listing of these programs and other opportunities, their disciplines, and details on locations and benefits can be found in the *ORISE Catalog of Education and Training Programs*, which is available at <http://www.ora.gov/orise/educ.htm>, or by calling either of the contacts below.

ORAU's Office of Partnership Development seeks opportunities for partnerships and alliances among ORAU's members, private industry, and major federal facilities. Activities include faculty development programs, such as the Ralph E. Powe Junior Faculty Enhancement Awards, the Visiting Industrial Scholars Program, consortium research funding initiatives, faculty research and support programs as well as services to chief research officers.

For more information about ORAU and its programs, contact:

Felix A. Okojie
Vice President for Research
ORAU Councilor for Jackson State University

Monnie E. Champion
ORAU Corporate Secretary (865-576-3306);

or
Visit the ORAU Home Page (<http://www.ora.org>)