Research • Faculty Resources

Research and scholarly activity are fundamental to the role of the faculty and essential to the attainment of the University’s goals of academic excellence and national prominence. Research is a crucial part of graduate instruction and has profound effects upon the currency and vitality of undergraduate education. This exploration of the boundaries of knowledge is undertaken by faculty in the various departments and by the research units included in this section.

OFFICE OF RESEARCH AND GRADUATE STUDIES

VICE CHANCELLOR FOR RESEARCH AND GRADUATE STUDIES • Smith
OFFICE • 130 David Boyd Hall
TELEPHONE • 225/578-5833
FAX • 225/578-5983
WEBSITE • www.research.lsu.edu
E-MAIL • research@lsu.edu

LSU CENTER FOR APPLIED INFORMATION TECHNOLOGY & LEARNING

DIRECTOR • Seidel
OFFICE • 3rd Floor, Frey Computing Center
TELEPHONE • 225/578-7877
FAX • 225/578-7876
WEBSITE • www.lsu.edu/lsucapital
E-MAIL • lsucapital@lsu.edu

The Center for Applied Information Technology & Learning (CAPITAL) was created in response to a funding initiative created by Governor Mike Foster and the Louisiana Legislature to invest in university research and teaching programs as engines of economic development. As stated in Vision 2020, the area of information technology has been selected as one of the six areas of focus by the state of Louisiana. CAPITAL will draw on the established areas of expertise at LSU in computer science, computer engineering, and information systems and decision sciences. The center will also look to create new areas of research excellence in order to provide the state and nation with graduates who are equipped to handle the growing technology infrastructure.

LSU HURRICANE CENTER

DIRECTOR • Levitan
OFFICE • 3513 CEBA Building
TELEPHONE • 225/578-4813
FAX • 225/578-7646
WEBSITE • www.hurricane.lsu.edu

The LSU Hurricane Center is an interdisciplinary team of researchers addressing hurricanes and other hazards and their impacts on the natural, built, and human environments. The mission of the Center is to advance the state-of-knowledge of hurricanes and their impacts; to stimulate new interdisciplinary/collaborative research activities; to transfer this knowledge and technology to students and professionals in concerned disciplines; and to assist the state, the nation, and the world in solving hurricane-related problems. LSU has one of the greatest concentrations of faculty studying hurricanes and their many impacts anywhere in the world. This research expertise covers a very broad spectrum. It includes such areas as remote sensing of storms and their impacts on the environment; real-time monitoring and modeling of hurricane winds, waves, storm surge, and storm surge flooding; hurricane climatology and paleotempestology; wind and flood effects on the coastal environment, buildings, and other infrastructure; transportation and behavioral aspects of evacuations; social support networks and access to services for disaster victims; and many others.

The center is developing two unique academic programs to complement its research and service activities. Supported by a large award from the National Science Foundation, the center and the Department of Civil & Environmental Engineering are creating several courses in the field of hurricane engineering. This new discipline covers planning, analysis, design, response, and recovery of civil engineering systems.

Working with the College of Arts & Sciences and several other colleges, the center has created a new minor in disaster science and management (DSM). DSM is an interdisciplinary minor that provides students interested in emergency management-related careers in the public, not for profit, and private sectors with:
- a broad understanding of the nature and impact of disasters on the natural, built, and human environments;
- a basis for establishing strategies to effectively plan for disasters, mitigate the adverse effects, respond to disasters, and recover from them.

DSM combines traditional emergency management with a strong background in the natural sciences, social sciences, engineering, and information technology. Participating departments/schools include Architecture, Civil & Environmental Engineering, Continuing Education, Environmental Studies, Geography & Anthropology, Landscape Architecture, Oceanography & Coastal Sciences, Social Work, and Sociology.

Center for the Study of Public Health Impacts of Hurricanes

DIRECTOR • van Heerden
OFFICE • 3515 CEBA Building
TELEPHONE • 225/578-5874
FAX • 225/578-7646
WEBSITE • www.hurricane.lsu.edu

Established in January 2002, the Center for the Study of Public Health Impacts of Hurricanes is funded through a LSU Hurricane Center initiative to the Louisiana Board of Regents. A five-year contract was awarded through the Board’s Millennium Health Excellence Fund (HEF) to establish the center. A pilot study, funded through the center to research the public health impacts of major flooding and hurricanes in greater New Orleans, is titled Assessment and Remediation of Public Health Impacts due to Hurricanes and Major Flooding Events.
The center includes faculty/researchers from LSU, Baton Rouge; the LSU Health Sciences Center, New Orleans, and the Civil Engineering Sciences Department, University of Notre Dame. It consolidates the research and expertise of natural scientists, social scientists, engineers, computer specialists, epidemiologists, toxicologists, and the mental health and medical communities to form a broad-laved Public Health/Flood Impact Consortium.

The center’s effectiveness and practicality are enhanced by the guidance of an Advisory Panel including members from the Louisiana State Offices of Emergency Preparedness; Governor’s Office of Coastal Activities; Louisiana Departments of Public Health, Mental Health, and Environmental Quality; LSU Health Sciences Center; and the EBR Parish Animal Control Center.

Various research components of the associated pilot study (of Greater New Orleans) include utilizing computer models for the calculation of storm surges, rainfall flooding, and for the simulation of air and water movement of chemical contaminants; consolidating critical information from government databases; working with Geographic Information System (GIS) technology for identification of at-risk areas; and determining probable chemical and sewerage release sites. Epidemiologists, social scientists, and public health experts on the project will determine public and mental health impacts and develop management plans for such scenarios as inured and displaced pets and wild animals. All aspects of the study will be managed through an interactive GIS that will be exportable nationally and internationally.

The center and the New Orleans pilot study will offer a major service to the state of Louisiana. The center will have a direct positive impact on emergency preparedness to prevent or reduce fatalities, disease, pain, and suffering as a consequence of a major disaster. The center will also apply all applicable research results to other disasters such as tornadoes, chemical spills, and terrorism.

CENTER FOR ENERGY STUDIES

EXECUTIVE DIRECTOR • Pulispher
OFFICE • 1 East Fraternity Circle
TELEPHONE • 225/578-4400
FAX • 225/578-4541

Composed of divisions for Policy Analysis, Data and Information Services, and the Central Gulf Region Petroleum Technology Transfer Council, the Center for Energy Studies (CES) provides analysis, research, information, and technology on energy issues that are important to Louisiana.

Also reporting through the center’s executive director are a number of independent institutes and programs. These are the Louisiana Applied & Educational Oil Spill Research & Development Program; the Louisiana Geological Survey, which includes the Basin Research Energy Section; the Minerals Processing Research Institute; and the Radiation Safety Office. Although independent, these units all have either a state legislative or federally mandated mission, an applied resource policy focus, and a strong commitment to public service. Neither the CES nor its associated independent units have academic programs, but they frequently employ graduate assistants and work with staff or faculty from academic units on projects of mutual interest.

The CES, created by the Louisiana Legislature in 1982, is the state’s only officially recognized energy studies center for public higher education. As directed by the Louisiana Board of Regents, the CES is a college-level unit with a strategy to marshal, focus, and support expertise available elsewhere in the University rather than to build a large internal staff.

The structure and staff of the CES have changed since its creation, but its mission has not. The CES conducts, encourages, and facilitates energy-related research and analysis concerning problems and issues affecting Louisiana’s economy, environment, and citizens. Whether conducted by its staff or by others it supports, the goal of the CES is to provide a balanced, objective, and timely treatment of issues with potentially important consequences for Louisiana.

The CES is mandated to provide information and analysis that respond to the needs of the Legislature, public agencies, and business and civic groups. CES staff respond to requests from a wide variety of individuals and institutions for energy information.

The center is also the “Regional Lead Organization” for the Central Gulf Region of the Petroleum Technology Transfer Council (PTTC)—a national nonprofit organization founded in 1983. The center’s PTTC programs are funded by the state and the U.S. Department of Energy, and serve as a clearinghouse for the new and improved upstream (exploration and production) technologies for oil and gas operators.

**Governor’s Applied Coastal Research & Development Program**

ADMINISTRATOR • Davis
OFFICE • 258A Military Science Building
TELEPHONE • 225/578/3481
FAX • 225/578/0403
WEBSITE • gacrdp@lsu.edu

Origins of the Governor’s Applied Coastal Research & Development Program (GACRDP) originate back to 1989 with the passage and signing of Act 6 following the second extraordinary session of the Louisiana Legislature. Among its many provisions, Act 6 called for the coordination of applied coastal research. This effort was assigned to the Governor’s Office of Coastal Activities (GOCA). Regrettably, coordination and prioritization of applied coastal research was not effectively pursued.

In 2002 the Committee on the Future of Coastal Louisiana included a strong recommendation to incorporate a more formal role for science within the GOCA. Through an interagency agreement between the GOCA and LSU, the program is housed at LSU and administered by the University’s Center for Energy Studies. Working within the program’s protocols and guidelines, LSU is authorized to provide subcontracts or letter agreements through the GACRDP administrator to Louisiana’s eligible public and private institutions of higher education for a broad array of applied coastal research initiatives.

With the GACRDP, Louisiana established a mechanism whereby the state’s public and private colleges and universities can apply for research support through a proposal and proposal process. To be effective, the Program must be recognized as credible, autonomous (independent), and objective in assuring that all funded research meets the mandate. An Advisory Panel of Regents and a Proposal Review Board, recruited from a list of senior coastal researchers, ranks and evaluates all proposals and determines those that will be funded.

**Louisiana Geological Survey**

DIRECTOR & STATE GEOLOGIST • John
OFFICE • 3079 Energy, Coast & Environment Building
TELEPHONE • 225/578-5320
FAX • 225/578-3662
WEBSITE • www.lgs.lsu.edu

Every state in the U.S. has a State Geological Survey.

The modern Louisiana Geological Survey (LGS) began operations in 1931 and was officially established in 1934 by the Louisiana Legislature under state legislative Act 131. The LGS is part of LSU and is administratively under the LSU Center for Energy Studies. The Basin Research Institute (BRI) merged with LGS on July 1, 2000, and is now called the Basin Research Energy Section of the Louisiana Geological Survey.

The LGS carries out applied and fundamental geologic research in the areas of Louisiana’s surface and subsurface geology, mineral resources, and ground water. LGS also does statewide geologic mapping, producing maps and reports designed to encourage both economic development and environmental protection. The LGS also studies geologic hazards, landslides, and active faulting, producing maps and reports designed to identify such hazards and to minimize their impacts. Earth science educational materials are provided to school teachers when requested. The LGS works cooperatively on research contracts with several state and federal agencies including the Department of Natural Resources, the Department of Transportation & Development, the Office of Emergency Preparedness, the U.S. Geological Survey, and the U.S. Department of Energy.

The Basin Research Energy Section of the LGS includes large stratigraphic research laboratories; a computer/ploting laboratory; petrographic laboratories equipped for thin-section preparation and carbonate and siliciclastic studies; and conference rooms and storage space. A separate well-log library, a core storage facility with a work lab equipped with saws, and other core processing and photographic equipment are located nearby on campus. The LGS core repository and well log library are component collections of the Louisiana Museum of Natural History. Access to other laboratory facilities for geochemical, isotope, SEM, EM, XRD, sedimentology, and paleontological analyses are available in the nearby Department of Geology & Geophysics.

The LGS has a well-recognized cartography section through a produces maps, atlases, illustrations, slides, and exhibits, both in support of LGS research and for other LSU departments and State agencies. The LGS
Among Louisiana's most valuable assets.

In performing its applied mission and tasks the LGS is also charged with effectively transferring geological information to the citizens of the state through the production of maps, bulletins, reports, newsletters, sponsored short courses, professional presentations, and publications. The LGS receives and answers a large number of inquiries from the public related to geologic matters, and its publications are available for sale at nominal prices.

**Louisiana Applied & Educational Oil Spill Research & Development Program (OSRDP)**, under the authority of the Louisiana Oil Spill Coordinator, is outlined in R.S. 30:2495 of the Oil Spill Prevention and Response Act (Act 7) that provides funds annually for applied oil spill research.

Through an interagency agreement between the Louisiana Oil Spill Coordinator's Office and LSU, the program is administered by the University's Center for Energy Studies. Working within the program's protocols and guidelines, LSU is authorized to provide subcontracts or letter agreements through the OSRDP administrator to Louisiana's 19 eligible public institutions of higher education for a broad array of research initiatives.

With the OSRDP, Louisiana has established a mechanism whereby its public colleges and universities can apply for the necessary financial resources to conduct research on oil spill-related matters. Through coordination and cooperation with industry, government, and the University community, the program's research mission has promoted scientific endeavors that are affordable, applied in nature, and designed to guarantee that research is relevant to oil spill-related concerns in Louisiana.

**Minerals Processing Research Institute**

**DIRECTOR** • Pike
OFFICE • 1139 Energy, Coast, & Environment Building
TELEPHONE • 225/578-3428
FAX • 225/578-1476
WEBSITE • www.mpri.lsu.edu

The Minerals Processing Research Institute, supported by funds from federal and state agencies and private organizations, was established at LSU in 1979. The institute conducts research on minerals processing, legal and business-related research, and environmentally related research.

This research is directed at the chief minerals in the state and region, oil and natural gas, and the other important minerals, sulfur, salt, and lignite. These mineral resources are among Louisiana's most valuable assets.

**Radiation Safety Office**

**DIRECTOR** • Wang
OFFICE • Nuclear Science Building
TELEPHONE • 225/578-2747
FAX • 225/578-4541

The use of radioisotopes or radiation-producing devices is governed by the Campus Radiation Safety Committee. The campus radiation safety program is administered by the Radiation Safety Office, Center for Energy Studies. Approval for the use of radioisotopes or radiation-producing devices must be obtained prior to their use. Professional health physicists are available for consultation regarding radiation safety aspects of planned activities.

**CENTER FOR GEOINFomatics**

**DIRECTOR** • Dekka
OFFICE • 3502 CEGA Building
TELEPHONE • 225/578-4445
FAX • 225/578-8562
E-MAIL • rkdokka@c4g@lsu.edu
WEBSITE • www.c4g.lsu.edu

The Center for Geoinformatics is a national force in expanding and strengthening the university, commercial, and public-sector geospatial communities within the state of Louisiana and the U.S. It provides the advanced geospatial information applications, products, training, and commercialization expertise that are required to support economic development and environmental stewardship.

**INTELLECTUAL PROPERTY**

**DIRECTOR** • lyer
OFFICE • 203 David Boyd Hall
TELEPHONE • 225/578-6941
FAX • 225/578-4925
WEBSITE • www.lsu.edu/intellectual_property
E-MAIL • miyer@lsu.edu

The objectives of the Office of Intellectual Property (OIP) are to protect the University's intellectual property—new ideas, inventions, and discoveries—by obtaining patents and copyrights; by seeking clients in the U.S. and worldwide to commercialize that technology; and by negotiating and licensing those technologies for the benefit of society, as well as for the monetary gain of the University and of the inventors.

Information on all aspects of patents, copyrights, and licensing opportunities is available upon request.

**INTERCOLLEGE ENVIRONMENTAL COOPERATIVE**

**DIRECTOR** • Dellinger
OFFICE • 413 Choppin Hall
TELEPHONE • 225/578-9094
FAX • 225/578-0276
E-MAIL • co-op@lsu.edu
WEBSITE • www.ice.lsu.edu

The mission of the Intercollege Environmental Cooperative is to facilitate collaborative relationships that span traditional college and disciplinary boundaries and enhance the research, teaching, and public outreach that is necessary to address effectively today's complex second and third generation environmental stakeholders, decision makers, and research sponsors throughout the state, region, and nation.

The Intercollege Environmental Cooperative provides a platform for multidisciplinary and interdisciplinary collaboration among LSU researchers and their partners, improves communication and exchange of ideas among environmental researchers and educators across traditional departmental and college/school boundaries, and works at establishing ties with industrial organizations that can benefit from increased interaction with LSU on environmental issues.

**J. BENNETT JOHNSTON, SR., CENTER FOR ADVANCED MICROSTRUCTURES & DEVICES**

**DIRECTOR** • Hornes
OFFICE • 6890 Jefferson Hwy.
TELEPHONE • 225/578-8887
FAX • 225/578-6954
WEBSITE • www.camd.lsu.edu

The J. Bennett Johnston, Sr., Center for Advanced Microstructures & Devices (CAMD) was initiated by a grant from the Department of Energy in 1988. At the heart of the center is a 1.5 GeV electron storage ring. This high-energy electron accelerator produces a broad spectral range, from radio waves to X-rays, of very bright and intense electromagnetic radiation, that can be used by researchers for a variety of applications.

Among these are fabrication of extremely small electronic and mechanical devices, using X-ray lithography; spectroscopic investigations of atoms, molecules, solids, and surfaces; and analytical applications for determining the structure and elemental composition of materials.

**LIFE COURSE AND AGING STUDIES CENTER**

**DIRECTOR** • Cherry
OFFICE • 219 Armstrong Hall
TELEPHONE • 225/578-4099
FAX • 225/578-4125
E-MAIL • pskatie@lsu.edu
WEBSITE • www.lsuagingstudies.com

By the year 2020, more than 20 percent of the population is expected to reach the age of retirement. With the increase in the number of older adults living in Louisiana, there will be a greater need to ensure the successful aging of the population of our state. The Life Course and Aging Studies Center recognizes that successful aging begins at birth and continues throughout the rest of our lives. Therefore, its research activities across many fields including the biological, social, and psychological sciences, develop life course and aging education and curriculum, and collaborate with child and senior service organizations throughout the state. Its faculty members represent six college and departments and programs at LSU. Areas of research include cognitive processes and aging, early childhood development, education across the lifespan, interpersonal relations across the lifespan,
The Louisiana Sea Grant College Program is part of the National Sea Grant College Program, a congressionally mandated federal/state endeavor that is administered by the National Oceanic & Atmospheric Administration (NOAA) of the U.S. Department of Commerce. The national program network includes 30 lead institutions and consortia, based in coastal and Great Lakes states, involving more than 250 U.S. colleges, universities, laboratories, and private entities in research, training/education, technology transfer, and advisory service activities focused on coastal and marine problems.

LSU’s Office of Sea Grant Development is responsible for administering all activities approved by NOAA for sea grant funding in Louisiana. The mission of the Louisiana program is to provide knowledge, trained personnel, and public awareness needed to wisely and effectively develop and manage coastal and marine areas and resources in a manner that will assure sustainable economic and societal benefits. This goal is pursued by supporting and/or developing selected capabilities in the Louisiana university community and, as appropriate, drawing on those in the national program network. The work requires:

- designing and conducting research, technology transfer, extension, and educational activities involving a broad range of natural science, engineering, economic, legal, public policy, and sociological expertise, and
- extensive cooperation with pertinent federal, state, business, and citizen groups. Providing a base of fundamental research and bringing the results to the market by enhancing existing businesses and growing new businesses are key program elements.

The Louisiana Sea Grant NOAA-funded core program supports approximately 30 individual projects at several state universities. These projects typically support the work of more than 20 graduate students. There is also an annual, national competition for 25 Sea Grant Marine Policy Fellowships that provide selected graduate students a unique opportunity to spend a year working in host offices of the U.S. Congress, federal agencies, or associations/institutions located in the Washington, D.C., area. Core program activities are supplemented with projects funded by various federal and state agencies that have mutual goals and interests. Private sector support for the program is exemplified by the John P. Labrador Endowed Chair for Sea Grant Research and Technology Transfer that brings highly qualified scientists to LSU for periods from one semester to two years to work on marine and coastal issues identified as critical to Louisiana.

In 1978, LSU was named a Sea Grant College—the 13th university in the nation to be so designated and the highest classification attainable in the program. This status was reaffirmed by national performance evaluation periods from one semester to two years to work on marine and coastal issues identified as critical to Louisiana.

The Louisiana Sea Grant College Program, a congressionally mandated federal/state endeavor that is administered by the National Oceanic & Atmospheric Administration (NOAA) of the U.S. Department of Commerce, is part of the National Sea Grant College Program, a congressionally mandated federal/state endeavor that is administered by the National Oceanic & Atmospheric Administration (NOAA) of the U.S. Department of Commerce. The national program network includes 19 Louisiana institutions of higher education working with the two state educational boards, one business/industry partner, and four nonprofit organizations.

The goal of LaSPACE is to enhance space and aerospace related research, technology, education, and public awareness throughout the state and to promote mathematical and science education, the training of aerospace professionals, and economic development. This goal is accomplished through competitive awards to researchers, fellowships for graduate students, mentored research assistantships for undergraduates, outreach to K-12 teachers and students, and public awareness events.

LaSPACE is Louisiana’s representative to the National Network of Space Grant Consortia, which now encompasses every state in the nation plus Puerto Rico and the District of Columbia.

SEA GRANT DEVELOPMENT

EXECUTIVE DIRECTOR • Van Lopik
OFFICE • 239 Sea Grant Building
TELEPHONE • 225/578-6710
FAX • 225/578-6331
WEBSITE • www.laseagrant.org/

The Louisiana Sea Grant College Program

SPONSORED PROGRAMS

DIRECTOR • Bates
OFFICE • 330 Thomas Boyd Hall
TELEPHONE • 225/578-3386
FAX • 225/578-5403
WEBSITE • www.lsu.edu/osp

The Office of Sponsored Programs, an administrative unit of the Office of Finance & Administrative Services, provides advice and support to the LSU community in the acquisition and administration of externally funded projects in furtherance of the instruction, research, and public service mission of the University. The office provides institutional endorsement for proposals, negotiates terms and conditions of awards with sponsors, executes agreements on behalf of the institution, prepares and negotiates subawards, serves as point-of-contact for audits of sponsored projects, processes requests for security clearances, and controls all classified documents. The office also conducts seminars and workshops on federal, state, and institutional requirements; proposal development; and project management.

OFFICE OF ACADEMIC AFFAIRS

PROVOST AND VICE CHANCELLOR • Palm
OFFICE • 146 Thomas Boyd
TELEPHONE • 225/578-8863
FAX • 225/578-5980
WEBSITE • web.lsu.edu
E-MAIL • acad001@lsu.edu

COMPUTING SERVICES

EXECUTIVE DIRECTOR • Hay
OFFICE • Frey Computing Services Center
TELEPHONE • 225/578-3700
FAX • 225/578-3709

Enterprise Solutions Group

DIRECTOR • Hadden
OFFICE • Frey Computing Services Center
TELEPHONE • 225/578-3700
FAX • 225/578-3709

Enterprise Solutions Group (ESG) develops comprehensive management information systems for the University. ESG has developed and installed more than 50 major applications, including telephone registration (REGGIE), degree audit, admissions, payroll, general ledger, and financial aid.

The department is also responsible for Personal Access Web Services (PAWS), a web-based portal available to all students, faculty, and staff. To date, approximately 70,000 individuals have obtained PAWS portals. Each individual’s portal is unique and is customized to reflect the individual’s relationship to the University. Further, each portal dynamically adapts in real-time when this relationship changes. Services accessed through the PAWS portal include enterprise, workforce, and personal applications that meet the specific administrative, academic, and research needs of each PAWS user. Some of the most widely used PAWS applications include, e-mail, registration, degree audit, grade inquiry, financial aid inquiry, library collections, and course tools.

High Performance Computing Group

DIRECTOR • Icaza
OFFICE • Frey Computing Services Center
TELEPHONE • 225/578-3700
FAX • 225/578-3709

The High Performance Computing Group (HPC) operates a reliable computing environment for LSU research. The HPC staff develops and maintains CaSPer, the Callaway Serial and Parallel Environment for Research. CaSPer provides support for the development of advanced interactive, serial, and parallel research applications in many different disciplines and across several campuses in the state. The HPC staff also fosters the development of network-intensive applications for Internet2, coordinates campus-wide system security indicators, and manages centralized UNIX systems for e-mail and other Internet applications. HPC staff also supports central and distributed printing services.
Louisiana Online University Information System

DIRECTOR • Boé
OFFICE • Frey Computing Services Center
TELEPHONE • 225/578-2281
FAX • 225/578-1759

LOUIS: the Louisiana Online University Information System Office is responsible for the automation and enrichment of Louisiana’s academic libraries. Twenty-six Louisiana academic libraries have been automated and all Louisiana libraries have been provided access to a repository of electronic resources that are licensed by LOUIS. The staff, consisting of computer analysts and librarians, interfaces with, provides support to, and coordinates the efforts of library personnel at Louisiana academic libraries. LOUIS consults with the State Library of Louisiana, parish libraries, the Louisiana State Department of Education, and various national and international library groups.

Technology Support Center

DIRECTOR • Beyer
OFFICE • 203 Frey Computing Services Center
TELEPHONE • 225/578-1981
FAX • 225/578-1978

The Technology Support Center (TSC) provides hardware, software, operational, and technical support services to meet the computing requirements for the LSU community. The state-of-the-art operational environment includes a large-scale enterprise server (IBM 2066-002), LINUX virtual servers, multiple UNIX servers including an IBM-SP, and a myriad of servers integrated into the campus-wide fiber-optic network backbone, the Internet, and statewide networks. Uninterrupted operational and production control services are maintained 24 hours a day, 365 days. Campus Telephone Information services are provided more than 50 hours per week. System management responsibilities include maintaining an ultra-reliable software environment and security and archival services for 15 terabytes of online data.

Public computing labs are located prominently around the campus providing student access to more than 1,000 PCs 16 hours per day. Coordinated Help Desk services are provided to assist with a variety of technology, connectivity, and related support issues for faculty, staff, and students. The OCS Training Center provides 50-60 classroom technical training sessions per semester on a variety of introductory and advanced topics, as well as providing customized training upon request.

Telecommunications

INTERIM DIRECTOR • McMahon
OFFICE • Frey Computing Services Center
TELEPHONE • 225/578-3700
FAX • 225/578-6400

The LSU Office of Telecommunications (OTC) maintains the campus telephone system, an 11,000 station Avaya S $700, and a Gigabit Ethernet backbone data network with more than 18,000 nodes.

Network facilities for the distribution of voice, data, and video services on campus include an extensive fiber optic network that provides the campus with high-speed communications and Internet access. LSU is an Internet2 member institution with access to the Abilene network. Internet2/Abilene is a very high speed network dedicated to research and educational applications. In addition, the NSF has designated LSU a vBNS Authorized Institution.

GORDON A. CAIN CENTER FOR SCIENTIFIC, TECHNOLOGICAL, ENGINEERING, AND MATHEMATICAL LITERACY

DIRECTOR • Cartledge
OFFICE • 222 Prescott Hall
TELEPHONE • 225/578-6001
FAX • 225/578-4522
WEBSITE • cain.lsu.edu

The Cain Center for Scientific, Technological, Engineering, and Mathematical Literacy provides support for Louisiana educators who are working to prepare citizens who are literate in the science, technology, engineering, and mathematics disciplines to support 21st century economic and societal needs. The Center fosters cross-disciplinary collaborations made possible through its joint sponsorship by the Colleges of Arts & Sciences, Basic Sciences, Education, and Engineering.

The goals of the center include:
• Providing leadership for interdisciplinary research and development in the teaching and learning of the science, technology, engineering, and mathematics disciplines at all educational levels.
• Disseminating research and practice that leads to high student achievement, especially in the science, technology, engineering, and mathematics disciplines.
• Creating opportunities for collaboration across disciplines and with K-12 educational practitioners in investigating, developing, and implementing strategies for enhancing teaching and learning in the sciences, technology, engineering, and mathematics disciplines.
• Influencing policy concerning the teaching and learning of the science, technology, engineering, and mathematics disciplines.

CEN TERS FOR EXCELLENCE IN LEARNING AND TEACHING

EXECUTIVE DIRECTOR • Hutchinson
OFFICE • 118 Himes Hall
TELEPHONE • 225/578-1135
FAX • 225/578-5789
WEBSITE • www.cell.lsu.edu

The Centers for Excellence in Learning and Teaching (CEL) provides resources and services to improve institutional effectiveness and student learning. Three CELT units serve the University community: the Center for Faculty Development (CFD), the Center for Electronic Learning (CEL), and the Center for Assessment & Evaluation (CAE).

An Advisory Council consults with the executive director of the CELT to provide guidance in the centers’ activities and serves as liaison between the faculty and the CELT. Members of the Advisory Council are appointed by the Chancellor and represent each college and school, the LSU Libraries, the Graduate School, the Faculty Senate Improvement of Instruction Committee, and students.

The Center for Faculty Development fosters an institutional climate of instructional innovation and teaching excellence by providing services, resources, and programs for LSU faculty, graduate teaching assistants, and their colleges and departments. The CFD is committed to teaching and learning principles and initiatives that promote scholarly teaching, recognize and reward classroom assessment and research, and invite peer collaboration and review. To accomplish this, the center:
• sponsors a variety of special topic workshops, seminars, and special events on teaching and learning issues and on the scholarship of teaching;
• provides confidential instructional consultations with faculty to examine their teaching;
• provides departmental consultations on the development of teaching improvement programs, graduate teaching assistant training, and peer consultation and mentoring programs;
• provides and seeks funding opportunities for faculty for the purpose of enhancing student learning through innovative teaching;
• assists faculty members in the development of teaching/course portfolios to better assess and evaluate student learning;
• maintains a faculty resource room and disseminates information to departments and faculty on professional development opportunities and on higher education issues and trends;
• sponsors the Teaching in Higher Education (THE) Forum, a national conference on college teaching;
• facilitates the annual Faculty Awards program;
• coordinates orientation programs for new faculty and teaching assistants.

The Center for Electronic Learning provides opportunities for faculty to enrich student learning through innovative and practical applications of instructional technologies and strategies for the electronic learning environment. Services provided by the CEL include:
• workshops, seminars, and special events to promote excellence in teaching and learning in both traditional settings and electronic classrooms;
• consultation about appropriate modes of electronic course/program delivery for active learning;
• consultation on the design, acquisition and implementation of hardware and software learning systems into curricula;
• assistance with transitioning course materials to effectively utilize the best practices for electronic delivery of courses;
• production of multimedia materials (including graphics, video, photography, and audio) for integration into courses;

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The LSU Libraries provide support for assessment and evaluation programs, methodology, and services to the University community, including:

- development, administration, and reporting of assessments of student learning;
- development, administration, and reporting of institutional survey programs;
- consultation with administrators and faculty about standardized assessment of courses and curricula;
- administration and reporting of secure computer-based classroom testing;
- custom design, production, and statistical analysis of machine-scannable survey instruments;
- administration of standard entering student assessment, and reporting of placement and credit results;
- consultation with researchers on the design and analysis of survey instruments for project assessment and evaluation;
- computer-based testing for commercial institutional entrance examinations.

The LSU Libraries belong to the prestigious Association of Research Libraries, which include the top 113 academic libraries in the U.S. and Canada, the Association of Southeastern Research Libraries, the Southeastern Library Network, and the Louisiana Academic Library Information Network Consortium. The LSU Libraries are also affiliated with the National Archives and Records Administration and a microform area. Self-service photocopiers are available at a nominal cost. When material not found in the Libraries is needed for research, faculty, staff, and students may borrow it through interlibrary borrowing.

The LSU Libraries' U.S. Regional Depository Library collection, the United Nations documents collection, and the U.S. Patent Depository Library collection are housed in Middleton Library. The LSU Libraries have been a depository for United Nations publications since 1947. In 1981, the Library was designated an official depository for U.S. Patents. The patent collection includes all patents issued from 1871 to the present. The department also has an extensive collection of scientific and technical reports from the U.S. Department of Energy, the National Aeronautics and Space Administration, and the National Technical Information Service.

The LSU Libraries Special Collections in Hill Memorial Library provide a center for research in the humanities, social sciences, and fine arts. The primary strength of Special Collections resides in the Louisiana and Lower Mississippi Valley Collections, an outstanding integrated collection that consists of materials documenting the history and culture of the region. It provides rare and early imprints pertaining to the exploration and colonization of the region; books on Louisiana subjects; books by Louisiana authors; Louisiana state documents; extensive and prestigious manuscript collections, which include the personal papers of important individuals in the history of the region, including the Long family; records of business, professions, and organizations; and extensive photographic collections.

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A portion of the museum’s collection of 4,000 objects is always on exhibition. Museum hours are 10 a.m. to 2 p.m., Monday through Friday; closed on University holidays. The museum is open free to the public.

LOUISIANA MUSEUM OF NATURAL HISTORY

CONTACT PERSON • Sheldon
OFFICE • 119 Foster Hall
TELEPHONE • 225/578-3083
FAX • 225/578-3075
WEBSITE • www.museum.lsu.edu/

The Louisiana Museum of Natural History, the official state museum of natural history, consists of 16 major research collections located on the LSU campus. Together, these collections hold a total of more than 2.8 million specimens, objects, and artifacts that document the rich natural history of Louisiana, the central-Gulf region, and the world. These collections are dispersed among six independently administered units on campus, and include the Vascular Plant Herbarium, the Mycological Herbarium, the Lichen Herbarium, the Log Library & Core Repository, the Louisiana State Arthropod Museum, the Center for Excellence in Palynology, the Gems & Minerals Collection, the Textile & Costume Museum, and eight collections of the Museum of Natural Science (the Collection of Amphibians & Reptiles, the Collection of Birds, the Collection of Fishes, the Collection of Genetic Resources, the Collection of Mammals, the Vertebrate Paleontology Collection, the Collection of Fossil Protists & Invertebrates, and the Ethnology-Archaeology Collection).

The collections of the Louisiana Museum of Natural History, used actively for education, research, display, and public service, represent an important historical trust for future generations of Louisiana’s citizens. Details about each collection, including educational and exhibits programs, can be obtained by contacting the curator-in-charge of the collection (see individual listings) or by visiting the museum’s website.

LSU MUSEUM OF NATURAL SCIENCE

DIRECTOR • Sheldon
OFFICE • 119 Foster Hall
TELEPHONE • 225/578-2855
FAX • 225/578-3075
WEBSITE • www.museum.lsu.edu/

The Museum of Natural Science, a subunit of the Louisiana Museum of Natural History, consists of the Division of Zoology, located in Foster Hall, and the Division of Geoscience, located in the Howe-Russell Geoscience Complex. The exhibits in Foster Hall consist of nine major dioramas that depict with meticulous accuracy the flora and fauna of selected scenes from North America, including representatives of Louisiana’s animal life. Other exhibits and visual aids explain various biological principles. The museum’s zoology exhibits are free and open to the public from 8 a.m. to 4 p.m., Monday through Friday (call 578-3080 for information); closed on Saturday, Sunday, and University holidays.

The museum’s Division of Zoology contains extensive research collections, numbering more than 500,000 cataloged specimens of birds, mammals, fishes, amphibians, reptiles, and their tissue samples. This internationally known repository of zoological material provides the basis for a program of research and serves as an important aid in teaching biological subjects.

The Division of Geoscience contains the most extensive archeological and geological research collections in Louisiana. The museum’s archeological collections include more than one million lots from 1,800 sites in Louisiana and many other sites in the Gulf Coast and Caribbean regions. Ethnological collections include material from North and South America, Africa, Australia, Oceania, Asia, and the Arctic. The H. V. Howe Type Collection of fossil ostracoda and the H. B. Stenzel Collection of fossil oysters are among the best of their kind in the world.

The museum is a member of the Association of Systematics Collections, the American Association of Museums, and the Louisiana Association of Museums. Two organizations, Friends of the Museum of Natural Science and Geoscience Associates, support the museum in numerous ways.

RURAL LIFE MUSEUM AND WINDRUSH GARDENS

DIRECTOR • Floyd
OFFICE • 4560 Essen Lane
TELEPHONE • 225/765-2437
FAX • 225/765-2639

The Rural Life Museum, a 20-building complex, is located approximately five miles from campus on the University’s 450-acre Burden Research Plantation. Open daily, this unique museum is divided into three areas. The Barn contains hundreds of artifacts dealing with everyday rural life dating from prehistoric times to the early 20th century. The Plantation consists of a complex of buildings, comprising, overseer’s house, kitchen, slave cabins, sick house, schoolhouse, blacksmith’s shop, sugarhouse, and grist mill, authentically furnished to reconstruct all the major activities of life on a typical 19th century sugarcane plantation. Louisiana Folk Architecture is exemplified in seven buildings, a country church, a pioneer’s cabin and corncrib, potato house, shotgun house, Acadian house, and dogtrot house, whose divergent construction traits illustrate the various cultures of Louisiana settlers.

Adjacent to the museum are the Windrush Gardens, designed and planted by the late Steele Burden. This five acre expanse of informal gardens with winding paths and open areas is reminiscent of 19th century Louisiana gardens. The museum and gardens are open daily from 8:30 a.m. to 5 p.m. Admission is charged.

LSU PRESS

DIRECTOR • Callaway
OFFICE • 3980 West Lakeshore Drive
TELEPHONE • 225/578-6294
FAX • 225/578-6461

Founded in 1935, LSU Press is one of the oldest and largest presses of its kind in the South and one of the outstanding scholarly publishers in the country. Like other university presses, it exists primarily to publish works of scholarship, and its purposes are, therefore, essentially academic.

The LSU Press publishes 70 to 80 books each year. The final decision to publish a manuscript rests with the Faculty Senate University Press Committee, composed of eight faculty members. Over the years, the books which the Press has published have won many important awards, including Pulitzer prizes in fiction and poetry. It has especially earned an outstanding reputation in the fields of southern literature, biography, and history.

NATIONAL CENTER FOR SECURITY RESEARCH & TRAINING

DIRECTOR • Fernandez
OFFICE • 347 Pleasant Hall
TELEPHONE • 225/578-7966
FAX • 225/578-9119

The National Center for Security Research & Training (NCSRST) has been established to coordinate efforts in security research and training. The University is currently a leader, providing training on anti-terrorism and counter-terrorism techniques and regularly supports projects initiated by state and federal law enforcement agencies. The purpose of the center is to:

- Establish a coordinated, university-based system to promote interaction and collaboration toward the common objectives of safety and security;
- Coordinate the activities of existing units that focus on security and emergency preparedness;
- Create a collaborative structure that incorporates faculty expertise; and
- Partner with private and public entities.

Anti-Terrorism Assistance Program

DIRECTOR • Tucker
OFFICE • 365 Pleasant Hall
TELEPHONE • 225/578-6757
FAX • 225/578-6915

The Anti-Terrorism Assistance Program (ATAP) provides international delegations training in anti-terrorism subjects under a Cooperative Agreement with the U.S. Department of State, Bureau of Diplomatic Security. To date, LSU and its sub-grantee, New Mexico Institute of Mining and Technology (NMT), have trained 81 countries that have been identified as “in need” of specialized training by the Bureau of Diplomatic Security.

Law Enforcement Online

EXECUTIVE DIRECTOR • Wylie
OFFICE • 402 Johnston Hall
TELEPHONE • 225/578-3100
FAX • 225/578-9235
E-MAIL • leo@lsu.edu

Law Enforcement Online was established through a cooperative agreement between the U.S. Department of Justice, the Federal Bureau of Investigation (FBI), and Louisiana State University (LSU) at Baton Rouge. LSU has in turn sub-contracted with Science Applications International Corporation (SAIC) to develop LEO and operate the LEO network operations center. The mission of LEO is to provide a user friendly means of electronic communications
that offers secure transmission of sensitive but
unclassified information, throughout the world,
the local, state, and federal law enforcement,
criminal justice, and public safety
communities. The LEO system provides a
vehicle for these communities to exchange
information, conduct online education
programs, and participate in professional
special interest and topical focused dialog.

LEO is currently an Intranet exclusively
for the law enforcement community, and its
unique value is its ability to deliver
communications services and distance learning
to local, state, and Federal law enforcement on
an anytime basis. LEO has become an important tool in equipping officers to
counter crimes that involve a coordinated effort
across U.S. law enforcement operations. At
this time, there is both bipartisan congressional
support for LEO as well as a component of the LEO
community support for the type of service LEO offers. This support is allowing LEO to become
well established and by all indications will
continue to grow and provide enhanced services.

LSU Fire & Emergency Training Institute

DIRECTOR • Herring
OFFICE • 6888 Nicholson Drive
TELEPHONE • 225/766-0600 or
800/256-3473
FAX • 225/765-2416
WEBSITE • www.feti.lsu.edu

The training center south of the LSU
campus has been expanded to 80 acres to
increase the training area of LFD Fighting and
Marine Fire Fighting training area. In-service
training in these areas, provided to firefighters
throughout Louisiana, complements the
training provided by the LSU Fire &
Emergency Training Institute instructors.
Activities include courses taught in every
parish in Louisiana. A series of specialized
programs taught at the center meet in-service needs by incorporating the national standards
for both career and volunteer firefighters.
These programs include instruction in aircraft
rescue, hazardous materials, emergency medical
services, marine firefighting, urban search
and rescue, high angle, rope, and confined
space rescue, and water rescue. In addition, the
Industrial Program offers specialized, OSHA-
approved industrial training courses for indi-
viduals and fire brigades, both at the training
center and at industrial plant sites. The above
classes are also available for labor-incumbent worker programs.
The Instructional Resource Center dis-
tributes educational materials on fire safety and
public fire education.
The Firefighter & Emergency Responder Certification Program offers certification
testing for career and volunteer firefighters at
all levels of the National Fire Protection
Association Professional Qualification Standards. The certification process is ac-
credited by the International Fire Service Accreditation Congress. Although the program
is not mandatory, it is strongly supported by the
state's fire service associations. On-line training
will soon be available.
Information concerning classes and schedules can be found on the website.

National Center for Biomedical Research & Training

DIRECTOR • Tucker
OFFICE • 334 Pleasant Hall
TELEPHONE • 225/578-1375
FAX • 225/578-9117
WEBSITE • www.bcbtr.lsu.edu

The National Center for Biomedical Research & Training (NCBR) serves as
leaders in the development and delivery of a
wide range of training programs to prepare those responsible for the planning and response to
terrorist events involving weapons of mass
destruction. NCBRT serves as a member of the
National Domestic Preparedness Consortium, and the National Health Professions

Law Enforcement Training Program

MANAGER • Austin-Rogé
OFFICE • 5445 Point Claire Rd., Bldg. 14
Carville, Louisiana 70721
TELEPHONE • 225/319-2900
FAX • 225/319-2905
WEBSITE • www.doce.lsu.edu/law

The LSU Law Enforcement Training Program (LETP) provides education and
training for law enforcement personnel at all
levels. The ten-week Basic Training Academy is
offered four times per year and provides state
certification for entry-level personnel.
Advanced and specialized schools such as the
four-week Scientific Crime Investigator Institute are also offered. A Criminal Justice
Communications curriculum trains communications officers throughout the state.
Other specialized schools are conducted both on and off campus as the need arises.
This training program is designed to
provide officers with the most current
information available from experts in all fields
of law enforcement and related areas. Agents of the Federal Bureau of Investigation, judges,
district attorneys, sheriffs, state and municipal
officers, other public officials, and LSU faculty
assist with the educational courses.
Law Enforcement Training also offers the
40-hour Private Investigator certification
course and various courses for the eight hours of continuing education requirements by
the State Board of Private Investigator Examiners.

THE SOUTHERN REVIEW

EDITOR • Olney
OFFICE • 43 Allen Hall
TELEPHONE • 225/578-5108
FAX • 225/578-5098

The Southern Review, now in its second
series, is an internationally known literary
magazine under the editorship of Professor
James Olney, with Lewis P. Simpson serving as
consulting editor. Founded in 1935 by
ICLEath Brooks, Robert Penn Warren, Albert
Erskine, and Charles Pippin, The Southern Review publishes poetry, fiction, book reviews,
and critical articles with emphasis on modern
literature and the literature and culture of the
South. Issues appear in January, April, July,
and October. Subscriptions are $25 a year for
individuals and $50 a year for institutions.

Manuscripts and subscription orders should be
addressed to The Southern Review, 43 Allen
Hall, LSU, Baton Rouge, Louisiana 70803.

COLLEGE OF AGRICULTURE

DEAN • Koonce
OFFICE • 124 Agricultural Administration
TELEPHONE • 225/578-2362
FAX • 225/578-2526

Louisiana State Arthropod Museum

DIRECTOR • Carlton
CURATOR • Bayless
OFFICE • 576 Life Sciences Building
TELEPHONE • 225/578-1838
FAX • 225/578-1643
WEBSITE • www.museum.lsu.edu/
E-MAIL • ccarlt@lsu.edu

The Louisiana State Arthropod Museum (LSAM), located in the Life Sciences Building,
the Department of Entomology and a component of the Louisiana Museum of Natural History. The LSAM is the
largest repository of insects and related arthropods in Louisiana. It houses
approximately 750,000 specimens, including 600,000 pinned specimens, 100,000 fluid-
preserved samples, and 30,000 microscope slides. One of the main strengths of the
collection is a nationally significant beetle collection. In addition to preserving examples of the non-marine arthropod fauna of
Louisiana, the LSAM’s holdings include substantial numbers of specimens from
elsewhere in the southeastern United States, Central and South America, and the Caribbean region.

The LSAM serves the research needs of Louisiana’s scientific community by
conserving voucher specimens generated by projects in agricultural entomology, bio-
diversity, and conservation biology. It serves the needs of the public by providing
identifications of insects and other non-marine arthropods and by providing information about their
habits and life histories. Specimen loans are made to qualified researchers throughout the
world. The LSAM is not open to the general public and no exhibits are
maintained, but requests for identifications and related
information are welcome.

LSU Textile & Costume Museum

DIRECTOR • Rabalais
OFFICE • 140 Human Ecology Building
TELEPHONE • 225/578-2403
FAX • 225/578-2697
WEBSITE • www.textilmuseum.huec.lsu.edu
E-MAIL • textile@lsu.edu

The Textile & Costume Museum offers
changing exhibitions of regional, national, and international interest. Museum hours are 8 a.m.
to 4:30 p.m., weekdays. The scope of the
museum’s more than 12,000 piece collection is
global. Holdings include prehistoric and ethnic
textiles and costume as well as contemporary
high fashions and high-tech textiles. Types of items include apparel, accessories, household
textiles, piece goods, books, patterns, and a
variety of items related to textile and apparel
production, use, and care. As part of the School
of Human Ecology, the museum promotes conservation, research, teaching, and public service. Research includes studies of the technical, aesthetic, historic, and sociocultural significance of textiles and apparel. It is a component collection of the Louisiana Museum of Natural History at LSU.

The organization, Friends of the Textile & Costume Museum, supports the goals and functions of the museum by providing funds for purchases, exhibitions, workshops, and other activities throughout the year.

Public Management Program
HEAD • Naquin
OFFICE • 201 Old Forestry Building
TELEPHONE • 225/578-6645
FAX • 225/578-6473

Through its comprehensive program of competency-based training, services, and research, the Public Management Program provides state and local governments with the expertise necessary to solve governmental problems. Services range from seminars and in-service training programs to consultation and research on specific problems. This unit also develops and publishes documents on various governmental and organizational issues, such as training and development, performance improvement, organizational development, performance evaluation, and curriculum development. These services are provided statewide by the Public Management Program staff and University professors.

This unit is designated as the sponsoring agency for a training and educational program authorized by the 1979 Louisiana Legislature. The Comprehensive Public Training Program is designed to increase the skills and knowledge of all state employees and nonelected officials. The Certified Public Manager Program (CPM), a nationally recognized and accredited certification program, is open to persons holding a management position in state government or nominated by their supervisors for promotion to such a position. The CPM curriculum includes 300 instructional hours in management and approved elective courses. On completion of the program, participants are awarded the Certified Public Manager (CPM) designation.

COLLEGE OF ART & DESIGN
DEAN • Ortner
OFFICE • 102 Design Building
TELEPHONE • 225/578-5400
FAX • 225/578-5040

Computer-Aided Design & Geographic Information Systems Research Laboratory
DIRECTOR • Kenned
OFFICE • 216 Design Building
TELEPHONE • 225/578-6134
FAX • 225/578-5040
WEBSITE • cadgis.lsu.edu

The Computer-Aided Design & Geographic Information Systems Research Laboratory (CADGIS) is dedicated to education and research in computer-aided design, geographic information systems, remote sensing, image processing, and other computer applications in the areas of art, architecture, disaster sciences, geography, anthropology, interior design, and landscape architecture. This multidisciplinary laboratory, operated jointly by the College of Art & Design and the Department of Geography & Anthropology, provides specialized support to academic and research units at LSU, to state and federal agencies, and to nonprofit organizations.

Sponsored projects conducted by the laboratory include land-use planning, resource analysis, computer mapping, digital terrain modeling, three-dimensional design modeling, and graphic displays of scientific data. CADGIS develops and hosts a variety of websites, including the Louisiana Atlas (atlas.lsu.edu).

CADGIS has three instructional laboratories. A wide range of software is available, including CAD, GIS, 3-D modeling, animation, video editing, terrain modeling, facilities management, image processing, graphic design, and website development programs.

SOUTHERN REGIONAL CLIMATE CENTER
DIRECTOR • Robins
OFFICE • E328 Howe-Russell Geoscience Complex
TELEPHONE • 225/578-5021
FAX • 225/578-2912
WEBSITE • www.src.c.lsu.edu

The Southern Regional Climate Center (SRCC), one of six NOAA Regional Climate Centers, provides climate data services for Arkansas, Louisiana, Mississippi, Oklahoma, Tennessee, and Texas. Housed in the Department of Geography & Anthropology, the SRCC is administered by the National Climatic Data Center (NCDC), an agency of the National Oceanic & Atmospheric Administration (NOAA).

The SRCC receives a wide array of National Weather Service (NWS) data via Internet and through a NOAA port satellite receiver. These data are processed at the SRCC and merged with historical climatic archives. These data enable the SRCC staff to monitor and assess the current state of the regional climate and to provide value-added climatic information that promotes regional economic development. The SRCC staff, in conjunction with the LSU Hurricane Center, provides services to state emergency response officials during tropical storms and hurricanes that threaten coastal Louisiana.

Faculty, staff, and graduate students utilize SRCC climatic data and computing resources to perform applied and basic research on a variety of climate-related topics that include rainfall frequency analysis, regional flooding and drought, climatic impacts on agriculture, and numerous issues related to climatic change and variability.

Liaison Officer for State Climatology
STATE CLIMATOLOGIST • Keim
OFFICE • E327 Howe-Russell Geoscience Complex
TELEPHONE • 225/578-6870
FAX • 225/578-2912

The Louisiana Office of State Climatology (LOSC) has been providing climate data services to the state's public, private, industrial, and governmental sectors since the late 1970s. The LOSC is charged with maintaining historical climate data, as well as monitoring current weather trends for Louisiana, and is supported in this activity by the National Climate Data Center. Located within the Department of Geography & Anthropology, the
The Center for French & Francophone Studies develops and encourages graduate-level research in French and Francophone literatures, cultures, and language. It provides facilities and opportunities for LSU and visiting faculty as well as for student researchers. The center is involved with all French and Francophone activities at the University and with state and national organizations. Open to faculty and students, a library of French and Francophone literature and reference materials is also housed in the center, as is a video library containing many African francophone films.

**Louisiana Population Data Center**

**DIRECTOR** • Beggs  
**OFFICE** • 126 Stubbs Hall  
**TELEPHONE** • 225/578-5380  
**FAX** • 225/578-5102  
**WEBSITE** • www.lapop.lsu.edu  
**E-MAIL** • sallyr9356@aol.com

The Louisiana Population Data Center was established at LSU in 1987 to provide technical support for nationally competitive research proposals in the social sciences. The center has moved to national prominence through its service and research on critical social problems. Because it is self-supporting, research contracts and awards with national and local agencies have been an important component of the center’s activities. The center data archive houses more than 3,000 files of census and other social science data. Support services provided by the center include a survey laboratory with a computer-aided telephone interviewing (CATI) facility; a Geographic Information System (GIS) laboratory for mapping of census and other demographic data; Internet, Gopher, and FTP services; and a technical library. The library houses documentation for data sets, census materials, technical reference materials, and selected publications.

The center also is the organizational representative for the Inter-University Consortium for Political and Social Research (ICPSR) and the academic coordinating agency in Louisiana for the State Data Center (SDC) program of the Bureau of the Census. Administratively, the center is housed in the Department of Sociology, although it supports faculty from a number of disciplines. Policy is set by an Executive Committee, the members of which are appointed by the department chair in consultation with the center’s director. Funded research is administered through the Office of the Vice Chancellor for Research & Graduate Studies.

**Eric Voegelin Institute for American Renaissance Studies**

**DIRECTOR** • Sandoz  
**OFFICE** • 212 Stubbs Hall  
**TELEPHONE** • 225/578-2552; 578-7888  
**FAX** • 225/578-4790  
**WEBSITE** • www.ericvoegelin.org  
**E-MAIL** • esandoz@lsu.edu

The Eric Voegelin Institute for American Renaissance Studies, a humanities-social science research institute with no instructional program, was created as a unit within the College of Arts & Sciences in 1987. The institute is named for perhaps the greatest scholar-teacher in the history of the University (1942-1958) and one of the original Boyd Professors, Eric Voegelin, of the Department of Government (renamed the Department of Political Science in the 1960s). The institute is devoted to revitalizing the teaching and understanding of the great books of Western civilization in comparison with other civilizational traditions, especially along lines embodied in Voegelin’s own massive scholarship.

Largely supported by private contributions and other external funding, the institute is principally involved in two activities: conferences conducted both in the U.S. and abroad (especially in Central Europe) in the fields of constitutionalism, individual liberty, and political philosophy; and publications (books and monographs) in these same interest areas. It is the principal editorial and financial support unit for the large edition titled The Collected Works of Eric Voegelin, University of Missouri Press, 34 vols. projected, of which 30 have been published to date.

**COLLEGE OF BASIC SCIENCES**

**INTERIM DEAN** • Carman  
**OFFICE** • 338 Choppin Hall  
**TELEPHONE** • 225/578-4200  
**FAX** • 225/578-9826

**Biodynamics Institute**

**ACTING DIRECTOR** • Dellinger  
**OFFICE** • 711 Choppin Hall  
**TELEPHONE** • 225/578-2063  
**FAX** • 225/578-4936  
**E-MAIL** • barryd@lsu.edu

The Biodynamics Institute encourages research on free-radical chemistry, oxidative transformations, and free-radical biology, especially as applied to environmental systems. These interdisciplinary areas extend into chemistry, biochemistry, enzymology, nutrition, vitamnology, and toxicology. Oxidative reactions are involved in heart disease, cancer, emphysema, and other chronic, life-shortening diseases. Furthermore, many toxins (such as smog), combustion products (such as fine particles), and industrial chemicals (such as chlorinated hydrocarbons) put oxidative stress on plants and animals. Because Louisiana has pollution problems and some areas have cancer rates far above the national averages, the toxicological studies of this institute are especially relevant to our state.

Oxidative reactions, which often involve free radicals, appear to be involved in human aging itself. Micronutrients that protect against oxidative stress, such as vitamin E, are free-radical scavengers. Antioxidants (vitamins E and C and β-carotene) appear to protect humans against heart disease, cancer, cataracts, and several other chronic life-shortening diseases.

The faculty of the institute includes Patrick Taylor Chair Barry H. Dellinger, Acting Director, Associate Professor (Research) Giuseppe L. Squadrito and Assistant Professor (Research) Rafael Cueto. Other faculty members in the institute often have joint appointments in other departments and the institute actively encourages joint research programs with other departments such as Biological Sciences, Chemistry, Environmental Studies, and the School of Veterinary Medicine.

**LSU Herbaria**

**DIRECTOR** • Urbatsch  
**OFFICE** • A257A Life Sciences Annex  
**TELEPHONE** • 225/578-8555  
**FAX** • 225/578-2597  
**WEBSITE** • www.biology.lsu.edu

**Lichen & Bryophyte Herbarium**

The Lichen & Bryophyte Herbarium, located in A257 Life Sciences Annex, is a permanent scientific collection of preserved material of more than 45,000 specimens of lichens—the largest collection of its kind in the Gulf South—and several thousand mosses and liverworts. It is the result of the work of Boyd Professor Emerita Shirley Tucker, Department of Biological Sciences. Geographical emphasis is on species native to Louisiana and the southeastern U.S. Other areas represented include the western and northern U.S., Canada, the American tropics, New Zealand, Europe, and Australia. The collection is particularly rich in tropical and subtropical crustose lichens. Active exchange programs with institutions worldwide continue to increase and diversify the holdings.

The herbarium is primarily a research and teaching facility. Research programs are in progress on floristics of southeastern U.S. lichens and on ultrastructure of subtropical crustose lichens. On request, specimens are available for loan to other institutions.

**Myological Herbarium**

The Bernard Lowy Myological Herbarium, located in A257 Life Sciences Annex, contains the University’s permanent collection of more than 25,000 preserved specimens of nonlichenized fungi from all over the world. It was collected principally by the late Dr. Bernard Lowy, an LSU mycologist and ethnomycologist of international stature. It includes a large representative collection of Amazonian Tremellales and other Basidiomycetes, as well as an important collection of Gulf Coast wood decay fungi. The herbarium is principally a research and teaching facility, and specimens are loaned to other institutions, both domestic and foreign.
Vascular Plant Herbarium

The Vascular Plant Herbarium, located in A257 Life Sciences Annex, houses the permanent, scientific collection of preserved specimens of ferns, fern allies, gymnosperms, and flowering plants. Founded in 1869, it is the oldest herbarium in the Gulf South and presently comprises more than 100,000 specimens, including one of the best collections of Louisiana plants.

The collection includes dried, pressed specimens and material preserved in alcohol. Many historically important 19th and early 20th century specimens from the Louisiana Gulf Coast are included. New material is obtained through the collecting efforts of herbarium personnel, associated colleagues, amateurs, and through the exchange of duplicates with other herbaria. The goal of the herbarium is to be the premier collection of Louisiana and Gulf South plants, and a resource of international importance.

The herbarium is a reference and service facility, and is an essential resource for all research, teaching, and public service involving identification, classification, economic importance, and ecology of the plants and vegetation of Louisiana, the Gulf South, and the northern Neotropics. Numerous publications are based on the collections; use may be arranged through Dr. Diane M. Ferguson, Collections Manager, A257 Life Sciences Annex, 225/578-8564, e-mail: dfergul@lsu.edu.

E. J. OURSO COLLEGE OF BUSINESS ADMINISTRATION

INTERIM DEAN • Lane
OFFICE • 3304 CEBA Building
TELEPHONE • 225/578-3211
FAX • 225/578-5256

Louisiana Business & Technology Center

DIRECTOR • D’Agostino
OFFICE • South Stadium Drive
TELEPHONE • 225/578-7555
FAX • 225/578-3975
WEBSITE • www.bus.lsu.edu/btc

The Louisiana Business & Technology Center (LBTC) was created in 1988 as a joint venture of the University, the Greater Baton Rouge Chamber of Commerce, and the Louisiana Public Facilities Authority. LBTC is now part of the E. J. Ourso College of Business Administration. Its purpose is to enhance economic development in the state through a job creation network. A community resource, LBTC assists new and small businesses by offering:

• management and marketing expertise;
• technology and technical assistance;
• office space.

The intent is to develop and nurture small business growth as a means of diversifying the economy.

LBTC provides space for new business start-ups within its 47,000 square foot incubator on South Stadium Drive. Companies located in the LBTC can concentrate on production and marketing, which affect success and profit. Day-to-day administrative details and overhead problems are left to the facility manager.

The center provides additional services to businesses through its LSU Small Business Development Center, a partnership with the U.S. Small Business Administration and the Louisiana Department of Economic Development; its LSU Technology Transfer Office at NASA’s Stennis Space Center in Bay St. Louis, Mississippi; and its linkage to the NASA Southeast Regional Technology Transfer Center (SERTTC). Also, financial consultants provided by the Louisiana Public Facilities Authority offer excellent resources to LBTC’s clients.

LSU Small Business Development Center • A partnership with the U.S. Small Business Administration and the Louisiana Department of Economic Development, this center serves small and new businesses in three areas: education, research, and outreach. Job creation and economic development are the main goals of the center.

Students work with entrepreneurs and small business clients to produce business plans, market studies, software programs, and accounting systems. The program provides students with real world experience and practical application of academic knowledge.

Technology Transfer • The LBTC operates the Louisiana Technology Transfer Office at NASA’s John C. Stennis Space Center (SSC) in Bay St. Louis, Mississippi, under a contract from the Louisiana Department of Economic Development. The office is a technology clearinghouse for Louisiana business and industry.

Its purpose is to foster technology commercialization and economic development. Close ties were developed with the Federal Laboratory Consortium, which has a wealth of talent and technology available to businesses that can access the system.

Goals of the Technology Transfer Office are:

• To broker technical requirements of Louisiana businesses with the federal agencies;
• To establish a process for matching Louisiana businesses with Small Business Innovation Research grant requests and for assisting businesses in applying for grants;
• To foster local and state economic development by accessing the federal labs for problem solving, innovation, and technology transfer;
• To represent LSU in the Federal Laboratory Consortium and at other national and international forums;
• To provide access for state agencies, local government, and Louisiana businesses to conduct research and develop technologies.

Institute for Entrepreneurial Education

DIRECTOR • Hair
OFFICE • 3137 CEBA Building
TELEPHONE • 225/578-8778
FAX • 225/578-6983
E-MAIL • bus@lsu.edu

The Louisiana Institute for Entrepreneurial Education was formed to address the issues and challenges of entrepreneurship, family business, and franchising. The institute offers programs and activities such as educational seminars and workshops in an executive education format; university course work; business planning, marketing, and management consultation; and venture funding assistance, to give entrepreneurs effective management tools and problem-solving skills with a prime goal of job creation in Louisiana.

The institute is currently focused in three areas: entrepreneurship education designed to educate students, business owners, managers, and aspiring entrepreneurs; family business forum that provides knowledge and experience on topics most crucial for success and survival of family businesses; and, international franchise forum provides expertise and experience to help business start their franchising systems, and advice on the right franchising system for individuals who wish to become a franchisee.

The institute works with the Louisiana Business & Technology Center (LBTC), a small business incubator on the LSU campus, to enhance economic growth in Louisiana through entrepreneurial development. This development process-network is designed to create successful businesses by providing assistance to stimulate small business formation, growth, and survival.

Public Administration Institute

DIRECTOR • Richardson
OFFICE • 3200 CEBA Building
TELEPHONE • 225/578-6743
FAX • 225/578-9078
E-MAIL • pai@lsu.edu

The Public Administration Institute (PAI) offers the Master of Public Administration (M.P.A.) degree. PAI enhances the career opportunities for those planning to enter public service; provide help for those currently employed in public service who want to acquire or to extend their professional knowledge; offer service to those interested in the not-for-profit sector of the economy; and offer training for those in the private sector or intending to work in the private sector who will deal with the public sector. Students from a social science, liberal arts, business, or physical science background are encouraged to apply.

The curriculum consists of course work in the disciplines of finance, economics, political science, management, and statistics. The course work focuses on analytical, quantitative, and management skills needed by today’s successful public or private manager. Core courses are taught by faculty in the PAI and supporting departments throughout the University. Classes are scheduled to accommodate career professionals, as well as full-time students. Challenging internships in government agencies are available to qualified students.

Louisiana Real Estate Research Institute

DIRECTOR • Pace
OFFICE • 2164 CEBA Building
TELEPHONE • 225/578-6238
FAX • 225/578-6366
WEBSITE • www.finance.lsu.edu/academics/finance/re

The Louisiana Real Estate Research Institute was established in 1985 with funding from the Ourso College of Business Adminis-
tion and the Louisiana Real Estate Commission. Its purpose is to encourage, support, and conduct applied and basic research in real estate, with particular focus on real estate and related economic activity in Louisiana. The institute has sponsored nearly 200 research projects, ranging from the analysis of non-parametric location theory to investigation of the effect on housing markets of below-market financing bond issues. An integral part of the institute’s effort is to fund research grants for faculty and graduate students, as well as to provide scholarship support for students.

The institute’s work is closely supported by the Louisiana Real Estate Commission, the Latter & Blum Professorship of Business Administration, and the C. J. Brown Professorship of Real Estate. Continued funding for the institute has been provided by the LSU Real Estate Commission, the Oursou College of Business Administration, the Commercial Investment Division of the Baton Rouge Board of Realtors, and various local and state private corporations.

Center for Virtual Organization & Commerce

DIRECTOR • Clark
OFFICE • 3199 CEBA Building
TELEPHONE • 225/578-2126
FAX • 225/578-2511
WEBSITE • www.isds.bus.lsu.edu/cvoc/

The Center for Virtual Organization & Commerce is a global, academic partnership between individual centers at LSU (USA), University College Dublin (Ireland), and the University of Melbourne (Australia). Within the center’s “virtual” walls, researchers, students, and other partners create and disseminate knowledge about how innovative uses of information technology (I.T.) can help organize virtual, learn and prosper. Breakthroughs in I.T., including computers, networks, and an emerging global infrastructure free individuals and organizations from the traditional constraints of time and place; nevertheless, the world is still in infancy in regard to understanding of how to use these technologies most productively.

Additional information is available on the Center’s website.

COLLEGE OF ENGINEERING

DEAN • Egbelu
OFFICE • 3304 CEBA
TELEPHONE • 225/578-5731
FAX • 225/334-1559

Center for Gas Turbine Innovations & Energy Research

DIRECTOR • Acharya
OFFICE • 1419 CEBA Building
TELEPHONE • 225/578-5792
FAX • 225/578-5924
WEBSITE • http://me.lsu.edu/tier
E-MAIL • acharya@me.lsu.edu

The mission of the Center for Gas Turbine Innovations & Energy Research (TIER) is to bring university researchers, turbine engine companies, utilities, and industries together to pursue collaborative interdisciplinary research in the area of gas turbines and distributed energy, and to educate and prepare students for opportunities in gas turbine engine companies, utilities, and cogeneration facilities.

The center is staffed with a team of researchers primarily from the College of Engineering, with ongoing collaboration with the college of Basic Sciences, the Center for Advanced Microstructures & Devices, and the Center for Energy Studies. The various researchers have established strong programs in gas turbines and distributed energy or related areas.

Center for Rotating Machinery

DIRECTOR • Khonsari
OFFICE • 2508 CEBA Building
TELEPHONE • 225/578-9192
FAX • 225/578-5924
WEBSITE • www.cerom.lsu.edu
E-MAIL • khonsari@me.lsu.edu

The Center for Rotating Machinery, established in 2000, was created by an interdisciplinary research group led by faculty in the Department of Mechanical Engineering in close collaboration with business and industry leaders. By providing cutting-edge technological innovations to solve complex problems in engineering systems, the Center serves as an educational foundation to the industry with focus on long-range development.

The center fosters the development of the next generation of mechanical components, materials synthesis, and fabrication techniques, and serves the needs of the large industrial base in Louisiana and elsewhere in the nation. Current collaborations exist between researchers in the center and a number of industries as well as the Gulf South Compression Conference steering committee and CAMD. Projects of note include research in the areas of tribology, materials synthesis, characterization, modeling, microfabrication, mechanical, systems, analysis, nondestructive testing, and advanced sensing technology. The center is committed to maintaining a strong partnership with industry through stimulating technological innovation; facilitating commercialization of new research and development; serving as a magnet for attracting new industries to Louisiana; hosting workshops, symposia, and advanced specialty courses for training professional engineers; and providing graduate students with real-world relevant experience to produce a high quality workforce for Louisiana and beyond.

Hazardous Substance Research Center

DIRECTOR • Reible
OFFICE • 3221 CEBA Building
TELEPHONE • 225/578-6770
FAX • 225/578-5043
WEBSITE • www.hsrrc-sw.org

The Hazardous Substance Research Center/South and Southwest (HSRC) is a four-institution consortium consisting of LSU, as the lead institution; Georgia Institute of Technology, Texas A&M, and Rice University. The consortium conducts research, outreach, and technology transfer activities on critical hazardous substance problems. These investigations focus on the following three categories:

- Engineering management of contaminated sediments;
- Hazardous substances problems of special interest to communities within EPA Regions 4 and 6; and
- Hazardous waste site remediation and management.

Institute for Ecological Infrastructure Engineering

DIRECTOR • Rusch
OFFICE • 100 Engineering Laboratory Annex Building
TELEPHONE • 225/578-1399
FAX • 225/578-8662
WEBSITE • www.iei.lsu.edu/

The Institute for Ecological Infrastructure Engineering, established in 2000 by faculty within the Department of Civil & Environmental Engineering, was created to fully integrate science into the existing engineering infrastructure in the pursuit of ecologically sustainable solutions to environmental and infrastructure problems. This mission encompasses traditional environmental problems, in addition to the design and placement of infrastructures like roads and facilities that may impact the ecology of the surrounding area. The institute has grown to include a cross-discipline set of faculty from LSU and other universities. Current research areas of focus include urban runoff, municipal domestic wastewater treatment, coastal and small community domestic wastewater treatment using natural and artificial wetlands, industrial waste mitigation, aquaculture, and lakes management. This institute represents the first initiative of this type in the U.S.

Louisiana Transportation Research Center

DIRECTOR • Baker
OFFICE • 4101 Gourrier Ave.
TELEPHONE • 225/767-9131
FAX • 225/767-9108
WEBSITE • www.ltrc.lsu.edu/

The Louisiana Transportation Research Center (LTRC) is a cooperative research, education, and technology transfer center jointly administered by LSU and the Louisiana Department of Transportation & Development. The center was established in 1986 by the Louisiana Legislature with the goal of improving the state’s transportation system through basic and applied research, education, and technology transfer. The primary focus of the center is development of nationally recognized research and educational programs in transportation systems resulting in the implementation of more efficient design, planning, maintenance, operation, and construction practices as well as improved safety. LTRC offers courses, seminars, and training sessions designed to enhance the professional capabilities of DOTD engineers and other personnel in the transportation field. LTRC also publishes reports, brochures, and training materials. These publications are available to students in appropriate disciplines.

The LTRC Technology Transfer Center (Local Technical Assistance Program) is part of a national network dispersing the latest in
transportation practices to local governing bodies by means of publications, seminars, workshops, and technical assistance.

**Louisiana Water Resources Research Institute**

DIRECTOR • Pardue
OFFICE • 3221 CEBA Building
TELEPHONE • 225/578-6027
FAX • 225/578-5043
WEBSITE • www.lwri.lsu.edu

The Louisiana Water Resources Research Institute funds research concerned with water resources problems and the enhancement of Louisiana’s water resources, while simultaneously training engineers and scientists to address future problems. Located on the LSU campus, research may be conducted by faculty from universities and colleges statewide. Research topics range from resource management (including flooding and water supply) to water quality (including wastewater treatment and aquifer restoration).

The primary research area for the institute is the characterization of heavy metals on particulates in aquatic systems using X-ray tomography and spectroscopy tools at LSU’s CAMD facility. These noninvasive tools have the potential to speicate metals directly, giving insight into the source of the metal. This may provide greater insight into developing TMDLs for metal contaminants in Louisiana streams. In addition to this research area, the development and application to TMDLs in Louisiana’s unique aquatic systems is a secondary focus area.

**MANSHIP SCHOOL OF MASS COMMUNICATION**

DEAN • Hamilton
OFFICE • 220 Johnston Hall
TELEPHONE • 225/578-2336
FAX • 225/578-2125

Reilly Center for Media & Public Affairs

DIRECTOR • Moore
OFFICE • 203 Journalism Building
TELEPHONE • 225/578-2002; 225/578-2223
FAX • 225/578-2125
WEBSITE • www.lsu.edu/reillycenter

The Reilly Center for Media & Public Affairs, launched in 2000, is the focus of numerous projects and activities aimed at elevating the quality of civic discourse. The center is housed in the Manship School of Mass Communication, but collaborates with other academic units.

The center supports cutting-edge scholarship and research on all aspects of media and politics. Topics range over a wide variety of issues, including news coverage of government and business, the impact of elections and referenda, campaign financing, the role of the Internet in diffusion of political ideas, public opinion analysis, and constituent building by public and private entities.

The center has a number of venues for making its research public and useful. It cooperates with LSU Press to publish an ongoing series of books. It also supports symposia, conferences, an annual survey, and a public policy fellows program for the discussion of media and public affairs issues. The Senator John Breaux Symposium is held annually, bringing in outstanding scholars, journalists, public officials, and business and civic leaders. Symposia focus on state and national issues of contemporary importance. Symposia are often published as reports and distributed nationally.

No degree is offered, but the center is tied to the Ph.D. program in mass communication and public affairs, which offers fellowships to support doctoral candidates who assist faculty and the center with research. Work in the center provides valuable experience for students, thereby enhancing the quality of their education. The center also brings in visiting scholars to collaborate on projects and work with students.

The center’s public service arm directly assists media companies, industry, government, and nonprofit agencies by focusing the expertise of superintendents and projects. Projects may include opinion surveys, communication plans, media training, and other special projects.

**O THER RESEARCH PARTNERSHIPS**

**LSU AGRICULTURAL CENTER**

WEBSITE • www.lsuagcenter.com

As the research arm of the LSU Agricultural Center, the Louisiana Agricultural Experiment Station is a major partner in graduate education and research. Research in the major soil, climate, and agricultural production areas is conducted in campus departments and in research stations located throughout the state. Many Agricultural Experiment Station faculty hold joint teaching and research appointments in the Colleges of Agriculture, Arts & Sciences, and Basic Sciences, and the School of Veterinary Medicine. In addition, the Experiment Station provides a large number of graduate assistantships, and laboratories, equipment, and facilities of the station are made available to graduate students.

**ARCTIC RESEARCH CONSORTIUM OF THE UNITED STATES (ARCUS)**

WEBSITE • www.arcus.org/

The mission of ARCUS is to strengthen and advance arctic research to meet national needs. ARCUS consists of institutions organized and operated for educational, professional, or scientific purposes. An institution is considered eligible for membership in ARCUS if it has made a definitive, substantial, and continuing commitment to a coherent research program or course of studies leading to degrees in one or more of the disciplines associated with arctic research or related fields. These institutions have a common purpose of advancing science, promoting the application of their knowledge to national problems, and attacking in concert those scientific and technological questions that require the collaborative skills and resources of scientists, engineers, and others throughout the nation and world. For more information contact LSU Consortium Representative Dr. H. Jesse Walker at 225/578-6130.

**AUDUBON CENTER FOR RESEARCH OF ENDANGERED SPECIES**

DIRECTOR • Dresser
TELEPHONE • 504/861-5105
WEBSITE • www.audubon/institute.org/html/care_acres.html

The Audubon Center for Research of Endangered Species (ACRES), opened in 1996, is an ambitious and innovative initiative in species conservation. Located in New Orleans, ACRES includes a 36,000 square-foot facility designed to house scientists whose research programs include studies in reproductive physiology, endocrinology, genetics, embryo transfer, and the expansion of a “frozen zoo” to assure the future of endangered species through the banking of genetic materials.

The alliances between LSU and ACRES (joint programming, data pooling, collaborative research, and cooperative funding) enables interdisciplinary field-and-lab teams to conduct far-reaching research programs which range in scope from regional to international.

The knowledge gained through collaborative research between LSU and ACRES will help scientists and conservationists cope with threats to the most seriously endangered species by developing new reproductive technologies and reintroduction techniques necessary to ensure their long-term survival. For more information contact Dr. Kevin Smith, Office of Research & Graduate Studies, at 225/578-5833 or visit their website.

**LOUISIANA UNIVERSITIES MARINE CONSORTIUM**

DIRECTOR • Dagg
TELEPHONE • 985/581-2803
WEBSITE • www.lumcon.edu/

Louisiana Universities Marine Consortium (LUMCON) was formed in 1979 to coordinate and stimulate Louisiana's activities in marine research and education. LUMCON provides coastal laboratory facilities to Louisiana universities and conducts research and educational programs in the marine sciences.

LUMCON's primary facilities are located at the DeFelice Marine Center in Cocodrie, approximately 85 miles southwest of New Orleans. This location, situated within the estuarine wetland complex of the Mississippi River delta plain between the Atchafalaya and Mississippi Rivers, provides ready access to the most productive estuaries in the U.S., to a variety of coastal environments, and to the open Gulf of Mexico.

LUMCON is governed by a six-member Executive Board comprised of chief executive officers of LSU, Nicholls State University, and the University of Louisiana at Lafayette. This
board reports to the Louisiana Board of Regents. For more information about LUMCON visit their website at www.lumcon.edu.

**OAK RIDGE ASSOCIATED UNIVERSITIES**

**WEBSITE • www.orau.org**

Since 1946, students and faculty of LSU have benefitted from LSU’s membership in the Oak Ridge Associated Universities (ORAU). ORAU is a consortium of 85 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. Appointments and program lengths 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 on the ORAU website, or by calling either of the contacts listed 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 Dr. Kevin Smith, Office of Research & Graduate Studies, ORAU Counselor for LSU; or contact Monnie E. Champion, ORAU Corporate Secretary, 865/576-3306; or visit the ORAU home page: www.orau.org.

**ORGANIZATION FOR TROPICAL STUDIES**

**WEBSITE • www.ots.duke.edu**

The Organization for Tropical Studies (OTS) is a nonprofit scientific, academic consortium whose mission is to provide leadership in tropical biology by promoting education, research, and the wise use of natural resources in the tropics. Founded in 1963, OTS is now composed of 64 premier universities and institutions throughout the world, including LSU. Graduate students at LSU are eligible to participate in the renowned field courses in tropical biology in Brazil, Costa Rica, and Peru and to apply for tropical research fellowships through OTS. Undergraduate biology majors are eligible for the OTS Semester Abroad, an integrated program of environmental sciences and Latin American culture.

OTS is headquartered at Duke University. Courses and research activities are centered in Costa Rica. Three field stations are located in tropical rain forest (La Selva), tropical dry forest (Palo Verde), and tropical montane forest (Las Cruces) environments. La Selva Biological Station, its flagship facility, is a modern biological research laboratory in the midst of a 3,000-acre lowland rain forest preserve. OTS provides logistical support and offers the use of equipment and field stations for field research in tropical biology. Funds are available through OTS for qualified graduate students to initiate research projects.

Additional information regarding the program and course application forms are available from Dr. Bruce Williamson, Department of Biological Sciences, LSU; 508 Life Sciences Building and at btwill@lsu.edu; or from the Organization for Tropical Studies, North American Office, P.O. Box 90630, Durham, North Carolina 27708 and at www.ots.duke.edu.

**PENNINGTON BIOMEDICAL RESEARCH CENTER**

**EXECUTIVE DIRECTOR • Bouchard**

**OFFICE • 6400 Perkins Road**

**TELEPHONE • 225/763-2500**

**FAX • 225/763-2525**

**WEBSITE • www.pbrc.edu**

The Pennington Biomedical Research Center (PBRC) conducts research in nutrition and preventive medicine. Many of its full-time scientists hold adjunct appointments at various LSU campuses. Similarly, several faculty at LSU, LSU Agricultural Center, and LSU Health Science Center in New Orleans and at teaching hospitals hold adjunct appointments at the PBRC.

The PBRC has five major research divisions: functional foods, experimental obesity, clinical obesity and metabolic syndrome, nutrition and chronic disease, and health and performance enhancement. Within these divisions, current basic and clinical research focuses on neurobiology, lipoprotein, cholesterol and insulin metabolism, energy metabolism, molecular biology, genomics, gene expression studies, proteomics, bioinformatics, transgenics, nutrition and behavior, staple isotopes, clinical psychology, clinical trials, biostatistics, and others. Research is conducted in 35 laboratories that are supported by 15 core facilities. In addition, the PBRC has a program in women’s studies and an education program division.