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 & ECONOMIC DEVELOPMENT

INTERIM VICE CHANCELLOR FOR RESEARCH & ECONOMIC DEVELOPMENT • Thomas R. Klei
OFFICE • 130 David Boyd Hall
TELEPHONE • 225-578-5833
FAX • 225-578-5983
WEB SITE • www.research.lsu.edu
E-MAIL • research@lsu.edu

The Center for Computation and Technology 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. The center draws on the established areas of expertise at LSU in computer science, computer engineering, and information systems and decision sciences. The center also looks 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.

CENTER FOR COMPUTATION & TECHNOLOGY

DIRECTOR • Joel E. Tohline
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TELEPHONE • 225-578-4012
FAX • 225-578-5362
WEB SITE • www.cct.lsu.edu
E-MAIL • info@cct.lsu.edu

CENTER FOR FRENCH & FRANCOPHONE STUDIES

DIRECTOR • Sylvie Dubois
ASSISTANT DIRECTOR • Todd Jacob
OFFICE • 425 Hodges Hall
TELEPHONE • 225-578-6389
FAX • 225-578-0305
WEB SITE • www.lsu.edu/cffs
E-MAIL • sudubois@lsu.edu

The Center for French & Francophone Studies develops and encourages interdisciplinary research in French and Francophone literatures, cultures, and languages. 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.

LSU HURRICANE CENTER

INTERIM DIRECTOR • Joseph Suhayda
OFFICE • 3199 Energy, Coast & Environment Bldg.
TELEPHONE • 225-578-6441
WEB SITE • www.hurricane.lsu.edu
E-MAIL • jsuhayda@lsu.edu

The LSU Hurricane Center is a one-of-a-kind research and outreach unit where university faculty and practicing scientists and engineers come together to provide an integrated approach to coupling earth-surface dynamics with hurricane wave and surge modeling. Through the breadth of its activities and foci, the LSU Hurricane Center has become an increasingly essential component of Louisiana’s hurricane preparedness and response capabilities. It was established in early 1999 and approved by the Board of Regents in 2000, with the goal of developing an interdisciplinary research program focused on hurricanes and their impacts on the natural and human environments. It acts as a focal point to conduct research, transfer knowledge, and assist the state and nation in coping with hurricanes and their impacts, and it is a critical component of the LSU Coastal Sustainability Agenda (www.research.lsu.edu/csa/). The Hurricane Center hosts seminars and workshops, and it is involved in the following research areas:

- Hurricane – Landscape Interactions
- Engineering Resilient Leveses & Coastal Structures
- Risk Assessment & Planning

CENTER FOR ENERGY STUDIES

EXECUTIVE DIRECTOR • Allan Pulsipher
OFFICE • 1101 Energy, Coast & Environment Building
TELEPHONE • 225-578-4400
FAX • 225-578-4541
WEB SITE • www.cnrg.lsu.edu
E-MAIL • ces@lsu.edu

The Center for Energy Studies provides analysis, research, information, and technology transfer on energy and environmental issues that are important to Louisiana. The center is composed of divisions for Policy Analysis, Energy Information and Data, Minerals Processing Research, and Research and Development. Also reporting through the center’s executive director are a number of independent institutes and programs. These are the Louisiana Oil Spill Research & Development Program; the Louisiana Geological Survey, which includes the Basin Research Institute as its Oil & Gas Division; 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 center 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 center, created by the Louisiana Legislature in 1982, is the state's only officially recognized energy studies center for public higher education. The center conducts, encourages, and facilitates energy-related research and analysis concerning problems and issues affecting Louisiana's economy, environment, and citizenry. Whether conducted by its staff or by others it supports, the goal of the center is to provide a balanced, objective, and timely treatment of issues with potentially important consequences for Louisiana. The center provides information and analysis that respond to the needs of the Legislature, public agencies, and business and civic groups.

**Louisiana Applied & Educational Oil Spill Research & Development Program**

**ADMINISTRATOR** • Don Davis
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**TELEPHONE** • 225-578-3481
**FAX** • 225-578-0403
**WEB SITE** • www.osradp.lsu.edu
**E-MAIL** • don.lsa.davis@gmail.com

**Louisiana Applied & Educational Oil Spill Research & Development Program (OSRACP)**, 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 OSRACP administrator to Louisiana's 19 eligible public institutions of higher education for a broad array of research initiatives.

With the OSRACP, LSU has established a unique relationship with its public colleges and universities 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.

**Louisiana Geological Survey**

**DIRECTOR/ST GEODESIST/PROFESSOR-RESEARCH** • Chacko John
**OFFICE** • 3079 Energy, Coast & Environment Bldg.
**TELEPHONE** • 225-578-5320
**FAX** • 225-578-3662
**WEB SITE** • www.lgs.lsu.edu
**E-MAIL** • gjohn@lsu.edu

Founded officially in 1934 by Act 131 of the Louisiana Legislature, the Louisiana Geological Survey (LGS) is the premier geological research institution in the State of Louisiana which had its beginnings in 1869. Always housed on the campus of Louisiana State University (LSU) the LGS was originally part of the Louisiana Department of Conservation. Later it was a division of the Louisiana Department of Natural Resources. It was transferred by the Louisiana legislature's HB 2353 to LSU in 1997 and now reports through the Executive Director of the Center for Energy Studies to the LSU Vice Chancellor for Research & Economic Development.

The LGS carries out applied and fundamental geologic research in the areas of Louisiana's surface and subsurface geology, coastal geology and paleoclimates, petroleum geology, alternate energy resources (geopressured-geothermal), environmental geology, mineral resources, and ground water. LGS does statewide geologic mapping, producing maps and reports designed to encourage both economic development and environmental protection. The LGS also studies geologic hazards, including 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 grants and 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 stratigraphic research laboratories; a computer/plotting 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 photograpic equipment are located nearby on campus. The LGS core repository and well log library (called the LGS Resource Center) are an integral part of the Louisiana Museum of Natural History. Access to other laboratory facilities for isotope, EM, XRD, sedimentology, and paleontological analyses is available in the nearby Department of Geology & Geophysics.

The LGS has a well-recognized Cartography Section that produces maps, atlases, illustrations, slides, LGS publications and exhibits, both in support of LGS research and for other LSU departments and state agencies. The LGS cartography section, well equipped with computer equipment, photors, and GIS facilities, has produced several maps, including the official state map of Louisiana, an oil and gas map, and a Louisiana Shoreline Change map, 1937-2000. Several maps designed and produced by the LGS Cartographic Section have won national awards.

The Water and Environmental Section works primarily on modeling and geologic characterization of the various aquifers in the state, on projects requiring analysis of water from various locations, and effects of major amounts of water withdrawals from the aquifers for industrial and other purposes.

The LGS is the only institution in the state that currently does Geologic Mapping of the State. Derivative maps from geologic maps are utilized by industry for various purposes. This work is carried out by the Geologic Mapping and Mineral Resources Section. LGS reviews permits for drilling wells in the coastal and wetland areas of the state in order to reduce environmental impacts associated with drilling and this work is done by the Geologic Review Section of LGS.

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.

**Minerals Processing Research Division**

**DIRECTOR** • Ralph Pike
**OFFICE** • 1139 Energy, Coast & Environment Bldg.
**TELEPHONE** • 225-578-3428
**FAX** • 225-578-1476
**WEB SITE** • www.mpri.lsu.edu
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The Minerals Processing Research Division, supported by funds from federal and state agencies and private organizations, was established at LSU in 1979. The institute conducts research on minerals processing, related business and legal issues, and environmental matters.

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

**Radiation Safety Office**

**DIRECTOR** • Wei-Hsung Wang
**OFFICE** • 112 Nuclear Science Building
**TELEPHONE** • 225-578-2088
**FAX** • 225-578-2091
**WEB SITE** • www.radsafety.lsu.edu
**E-MAIL** • weihsun@lsu.edu

Authorization for Louisiana State University and Agricultural & Mechanical College to possess, store, and use sources of radiation is stipulated in a broad-scope Radioactive Material License issued by the Louisiana Department of Environmental Quality, which has vested responsibility from the United States Nuclear Regulatory Commission within the State of Louisiana. The broad-scope license allows the University maximum flexibility in the use of sources of radiation for teaching and research activities through the operation of an internal radiation safety and control program. Administrative authorization from the University is contained in Permanent Memorandum-30 (PM-30). Under the direction and supervision of the Radiation Safety Committee, the Radiation Safety Office is responsible for implementing radiation control policies and ensuring safe practice in order not only to be fully in compliance with the federal and state regulations, but also to assure individual well-being and the integrity of the University.

Approval of the Radiation Safety Office must be obtained for all procurement of radioactive materials and radiation producing
equipment, all teaching and laboratory uses, research and development projects, as well as any other activities with potential radiological hazards, all contracts and grant proposals involving sources of radiation, all personnel who will directly use sources of radiation, and all facilities, construction, outfitting, and renovation involving sources of radiation.

The radiation protection program is conducted in such a manner so that radiation exposure to faculty, staff, students, the general public, and the environment will be maintained as low as reasonably achievable and that no radiation exposure will be received without societal benefit. This will be accomplished without hindering legitimate research or realistic teaching objectives. Professional health physicists equipped with a full spectrum of state-of-the-art radioanalytical instrumentation as well as high energy irradiation and neutron activation facilities are available for consultation and research development to support a broad range of radiation applications.

**CENTER FOR GEONFORMATICS**

**DIRECTOR** • Roy Dokka  
**OFFICE** • Engineering Research & Development  
Bldg., 2nd Floor, South Stadium Drive  
**TELEPHONE** • 225-578-4578  
**FAX** • 225-578-4502  
**WEB SITE** • www.c4g.lsu.edu  
**E-MAIL** • rkdokka@c4g@lsu.edu

The Center for Geoinformatics operates and maintains GULFNET, the 3-D positioning infrastructure that defines the National Spatial Reference System in Louisiana. The center 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.

**CENTER FOR BIOMODULAR MULTI-SCALE SYSTEMS**

**DIRECTOR** • Steve Soper  
**OFFICE** • 8000 GSRI Ave., Bldg. 3100 (LSU S. Campus)  
**TELEPHONE** • 225-578-1527  
**FAX** • 225-578-3458  
**WEB SITE** • http://cbm2.lsu.edu  
**E-MAIL** • chsoper@lsu.edu

The Center for BioModular Multi-Scale Systems (CBM⁺) is a multidisciplinary center for the development of micro-nano-scale devices with applications in medical diagnostics, forensics, drug discovery and homeland defense, and is funded by grants from National Science Foundation, Louisiana Board of Regents, National Institutes of Health and others. In addition to its primary research mission, CBM⁺ also supports active Education/Outreach and Industrial Partnership programs.

Headquartered on LSU’s South Campus, CBM⁺ is a collaboration of leading research Universities throughout Louisiana and the nation, including LSU (including CAMD), LSU Health Science Center, Tulane Health Sciences Center, Xavier University of Louisiana, Weill Medical College of Cornell University, Baylor College of Medicine, and the Sloan-Kettering Research Institute.

**INTELLECTUAL PROPERTY, COMMERCIALIZATION & DEVELOPMENT**

**ASSOCIATE VICE CHANCELLOR • Peter Kelleher**  
**OFFICE** • 206 Louisiana Emerging Technology Center  
**TELEPHONE** • 225-615-8967  
**FAX** • 225-615-8965  
**WEB SITE** • www.lsu.edu/intellectual_property  
**E-MAIL** • oip@lsu.edu

The objective of LSU’s Office of Intellectual Property, Commercialization & Development (OIP) is to commercialize the University’s intellectual property—new ideas, inventions, and discoveries. This includes obtaining patents and copyrights and seeking licenses and business partners in the U.S. and worldwide to commercialize that technology for the benefit of society, the University, and the inventors.

**INTERCOLLEGE ENVIRONMENTAL COOPERATIVE**

**DIRECTOR** • Barry Dellinger  
**OFFICE** • 413 Chouin Hall  
**TELEPHONE** • 225-578-6759  
**FAX** • 225-578-0276  
**WEB SITE** • www.srp.lsu.edu/home  
**E-MAIL** • barryd@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 interdisciplinary 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 to establish 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** • Richard Kurtz  
**OFFICE** • 6980 Jefferson Hwy.  
**TELEPHONE** • 225-578-8887  
**FAX** • 225-578-6954  
**WEB SITE** • www.camd.lsu.edu  
**E-MAIL** • rkurtz@lsu.edu

The J. Bennett Johnston, Sr. Center for Advanced Microstructures & Devices (CAMD) is an experimental facility for science and engineering that is centered on a 1.3 GeV electron storage ring. This electron accelerator produces a broad spectral range of electromagnetic radiation, essentially light, from the infrared to X-rays. This light is used for developing advanced materials for new energy technologies, for evaluating environmental issues and remediation, for biomedical applications including new drugs and cancer therapy, and for producing microstructures that are at the heart of new miniaturized devices.

**LIFE COURSE AND AGING CENTER**

**DIRECTOR • Katie Cherry**  
**OFFICE** • 236A Audibon Hall  
**TELEPHONE** • 225-578-4099  
**FAX** • 225-578-4125  
**WEB SITE** • www.lsuagingstudies.com  
**E-MAIL** • pskatie@lsu.edu

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 Center recognizes that successful aging begins at birth and continues through the rest of our lives. Therefore, its researchers are committed to identifying the keys to successful aging and educating the public about these important issues.

Its mission is to promote collaborative 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 colleges and 14 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, lifespan development and public policy, physical processes and aging, and sociological aspects of aging.

**LOUISIANA SPACE CONSORTIUM**

**DIRECTOR • John Wefel**  
**OFFICE** • 364 Nicholson Hall  
**TELEPHONE** • 225-578-8697  
**FAX** • 225-578-1222  
**WEB SITE** • http://laspace.lsu.edu  
**E-MAIL** • wefel@phunds.phys.lsu.edu

The Louisiana Space Consortium (LaSPACE), supported by funds from the National Aeronautics & Space Administration and the Louisiana Board of Regents, is a group of Louisiana institutions of higher education working with the two state educational boards, business/industry, nonprofit organizations, and a local government partner. The goal of LaSPACE is to enhance space and aerospace related research, technology, education, and public awareness throughout the state and to promote mathematics and science education, workforce development of aerospace professionals, diversity, and economic development. This goal is accomplished through competitive awards to researchers, fellowships for...
graduate students, mentored research assistants, faculty, outreach, to K-12 teachers and students, and public awareness events. LaSPACE is Louisiana's representative to the National Network of Space Grant Consortia, a congressionally mandated federal/state partnership that is administered by NASA. This national network encompasses every state in the nation plus Puerto Rico and the District of Columbia.

SEA GRANT DEVELOPMENT
EXECUTIVE DIRECTOR • Chuck Wilson
OFFICE • 239 Sea Grant Building
TELEPHONE • 225-578-6710
FAX • 225-578-6331
WEB SITE • www.laseagrant.org
E-MAIL • cwilson@lsu.edu

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 32 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 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.

The Louisiana Sea Grant NOAA-funded core program supports individual projects at universities throughout Louisiana. These projects typically support graduate students, as well as provide undergraduate students with the opportunity to work on research-related activities. There is also an annual, national competition for approximately 50 Knauss Sea Grant Marine Policy Fellowships that provides 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. Labarde 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. LSU is the only university in the nation to be so designated and the highest classification attainable in the program. This status was reaffirmed by national performance evaluation teams in 2006. LSU is presently one of only a handful of universities in the U.S. designated as a land grant, space grant, and sea grant institution.

SPONSORED PROGRAMS
EXECUTIVE DIRECTOR • James Bates
OFFICE • 202 Himes Hall
TELEPHONE • 225-578-2760
FAX • 225-578-2751
WEB SITE • www.lsu.edu/osp
E-MAIL • osp@lsu.edu

The Office of Sponsored Programs, an administrative unit of the Office of Research & Economic Development, provides advice and support to the LSU community in the acquisition and administration of externally funded projects to further 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, and prepares and negotiates subawards. In the event a need arises to reinstate LSU’s Facility Security Clearance, the office will process requests for personnel security clearances, and control 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 EXECUTIVE VICE CHANCELLOR • John M. Hamilton
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TELEPHONE • 225-578-8863
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WEB SITE • aac@lsu.edu
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CENTER FOR COMMUNITY ENGAGEMENT, LEARNING & LEADERSHIP
DIRECTOR • Marybeth Lima
OFFICE • B-31 Coates Hall
TELEPHONE • 225-578-9264
FAX • 225-578-2606
WEB SITE • www.ccell.lsu.edu
E-MAIL • ccell@lsu.edu

The Center for Community Engagement, Learning & Leadership (CCEL) promotes service-learning, a cornerstone of LSU’s structured approach to community engagement designed to advance learning outcomes and develop leaders who practice their discipline with the highest sense of civic responsibility.

CCEL facilitates educational experiences in which students take part in credit-bearing, organized service activities that meet community needs. Service-learning offers students “hands-on” learning, allowing them to help others, gain a deeper understanding of course material, improve their leadership skills, acquire greater self-knowledge, and increase their sense of connection to the community.

CCEL provides a number of services to faculty who are engaged in service-learning, such as assisting in the recruitment of community-based partners; consulting with faculty in syllabus design, course development, and grant-writing; and functioning as a liaison between faculty and their community partners. The Service-Learning Advisory Council, comprised primarily of senior LSU faculty with student and community representation, articulates and promotes the objectives of CCEL. The council develops strategies and provides leadership to advance service-learning funding, curriculum development, and scholarship.

COMMUNICATION ACROSS THE CURRICULUM (CxC)
DIRECTOR • Sarah Liggert
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TELEPHONE • 225-578-7975
FAX • 225-578-6973
WEB SITE • www.cxc.lsu.edu
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Communication across the Curriculum (CxC), established in 2004 with a generous gift from LSU engineering alumnus Gordon Cain, helps undergraduates become more effective communicators through written, verbal, visual, and technological communication.

CxC provides students with the following services:
• increased opportunities for building communication skills through Communication-Intensive (C-I) courses which are designated on students’ transcripts
• direct assistance on assignments and access to advanced software and equipment in Communication Studios
• a Distinguished Communicator certification program, including building digital portfolios of communication work
• opportunities for leadership and career development
• connections between communication and service-learning
• public recognition of outstanding student communicators

CxC provides faculty the following services:
• workshops on teaching
• Communication-Intensive (C-I) courses
• summer institutes on building or redesigning C-I courses
• sample syllabi and communication assignments from faculty at LSU and
other universities and examples of excellent student projects.

- a venue for publishing research on the intersection of scholarship and the work of CxC

A CaC Advisory Council, appointed by the provost, sets CxC policy and standards and shapes program development.

INFORMATION TECHNOLOGY SERVICES

VICE CHANCELLOR • Brian D. Voss
OFFICE • 200 Frey Computing Services Center
TELEPHONE • 225-578-3700
FAX • 225-578-6400
WEB SITE • www.lsu.edu/its
E-MAIL • itsinfo@lsu.edu

LOUIS: The Louisiana Library Network

EXECUTIVE DIRECTOR • Sarah Guilloy
Zimmerman
OFFICE • 200 Frey Computing Services Center
TELEPHONE • 225-578-3740
FAX • 225-578-3709
WEB SITE • lsu.edu
E-MAIL • saral@lsu.edu

The Louisiana Library Network combines the resources of Louisiana’s public and private academic libraries, along with a centralized support staff located on the LSU campus, to produce a dynamic library consortium. The central support staff, commonly referred to as “LOUIS,” provides many services to consortium members such as library automation, a union catalog, a digital library, electronic resources, authentication, training, consulting, and hosting related listservs and Web sites. Established in 1992 by the Board of Regents, LOUIS has 47 members and receives approximately $3.5 million annually in contracts and membership fees to support consortium members.

University Networking and Infrastructure

EXECUTIVE DIRECTOR/DEPUTY CIO • ric simmons
OFFICE • Frey Computing Services Center
TELEPHONE • 225-578-5212
FAX • 225-578-3709
WEB SITE • www.lsu.edu/uni

LSU University Networking and Infrastructure is responsible for the campus voice and data networks, messaging, back-office server support, infrastructure, and the Network Operations Center (NOC) and Data Center.

Network facilities include 2,100 wireless access points, extensive fiber and copper infrastructures that support 30,000 network nodes, 12,000 telephone ports and a core data network capable of transmitting up to 30 Gigabits per second. LSU is a member of Internet2, SURAgrid, and the Louisiana Optical Networking Initiative and has been designated a vBNS Authorized Institution by the National Science Foundation.

Back office server operations provide enterprise level support for Microsoft Windows server platforms including SQL servers, IIS, Exchange and Active Directory in support of major applications. The Network Operations Center (NOC) provides uninterrupted operational, production control and monitoring services 24 hours a day, 365 days per year. The NOC monitors mainframe services and applications, campus network equipment and services, network traffic, network security systems as well as all external connections to the LSU network.

University Information Systems

EXECUTIVE DIRECTOR/DEPUTY CIO • Cynthia Hadden
OFFICE • Frey Computing Services Center
TELEPHONE • 225-578-3700
FAX • 225-578-6400
WEB SITE • www.lsu.edu/uis

University Information Systems (UIS) is responsible for the development and maintenance of comprehensive management information systems for the University. UIS has developed and installed more than 50 major applications, including registration, degree audit, admissions, payroll, general ledger, and financial aid.

The division is also responsible for Personal Access Web Services (PAWS) and myLSU, the Web-based portals available to all students, faculty, and staff. 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.

The division includes System Programming; IS Architectures; HR/Financial Applications; Student and Research Applications; and Portals of Business Intelligence.

User Support and Student IT Enablement

EXECUTIVE DIRECTOR/DEPUTY CIO • Melody Childs
OFFICE • Frey Computing Services Center
TELEPHONE • 225-578-3700
FAX • 225-578-6400
WEB SITE • www.lsu.edu/uss

User Support and Student IT Enablement (USS) serves as the primary campus interface for information technology services at LSU. Located in the Frey Computing Services Building, the LSU Student Union, and in the Middleton Information Commons, the Help Desk, Print Desk, Adaptive Technology Services, Faculty Technology Center, and the Visualization Services Center provide both walk-up and telephone technical assistance to faculty, staff, and students. IT training and education opportunities are offered on a variety of introductory and advanced topics, in addition to customized training upon request. The GROK Knowledge Base (grok.lsu.edu) serves as an online repository of the latest campus technical information, as well as an FAQ of common computing questions and answers. TigerWare (tigerware.lsu.edu) is LSU’s online software warehouse, where faculty, staff, and students can download both freeware and institutionally licensed software. USS also maintains and supports the computing labs, multi-media, and distance education classrooms located prominently throughout campus, where faculty and students have access to both Windows and Macintosh computers and instructor stations loaded with the latest general use and discipline-specific software programs. USS also provides technical assistance to departments via its Departmental Services and topic-based IT forums each semester.

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

CO-DIRECTORS • David Kirshner, Jim Madden, Nell McNelley, Frank Neubrander, William Wischusen
OFFICE • 222 Prescott Hall
TELEPHONE • 225-578-6001
FAX • 225-578-4522
WEB SITE • www.cain.lsu.edu
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The Cain Center for Scientific, Technological, Engineering & 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 Education, Engineering, Humanities & Social Sciences, and Science.

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 science, technology, engineering, and mathematics disciplines; and
- influencing policy concerning the teaching and learning of the science, technology, engineering, and mathematics disciplines.

FACULTY FELLOWS PROGRAM

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Created in the fall of 2008, the Faculty Fellows Program is designed to encourage scholarly teaching and learning across the campus. Those chosen to be Faculty Fellows are not only excellent teachers who conduct workshops on teaching, particularly for young faculty; provide colleges and departments with information and resources for enhancing both teaching and learning; facilitate the development of teaching mentor programs; and provide counsel to those who wish to improve their teaching experiences. The
Faculty Fellows Program also administers the Teaching Enhancement Fund (funded by Campus Federal), which grants monies to University faculty who wish to attend teaching conferences or otherwise enhance their teaching expertise.

LSU LIBRARIES

DEAN • Jennifer Cargill, Joel and Kathleen Ory Professor
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FAX • 225-578-6825
WEB SITE • www.lib lsu.edu
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The LSU Libraries offer students and faculty strong support for instruction and research through collections containing more than three million volumes, microform holdings of more than five million, and a manuscript collection of more than 12 million items. LSU is part of the Louisiana Online University Information System (LOUIS). The library catalogs of most universities in the state are accessible online. Periodical databases and full text journal articles can also be retrieved through the Lousiana Cooperative Library Network (LCN). The LSU Libraries' subject strengths include Louisiana materials, sugar culture and technology, Southern history, agriculture, petroleum engineering, plant pathology, natural history, and various aspects of aquaculture including crawfish, wetlands research, and marine biology.

The LSU Libraries belong to the prestigious Association of Research Libraries, which includes the top 115 academic libraries in the U.S. and Canada, the Association of Southeastern Research Libraries, Lyris, which is the nation’s largest regional membership organization serving libraries and information professionals, and the Louisiana Academic Library Information Network Consortium. Middleton Library is the main library, with special collections housed in the adjacent Hill Memorial Library. The arrangement of the main collection in Middleton Library makes material completely accessible; assistance is offered through Reference Services and the periodical desk on the first floor. Information regarding library services, such as the electronic databases and journals and bibliographic instruction, may be obtained from the Reference Desk and through the library Web site.

Other features of Middleton Library are audio workstations for accessing music and a microforms area. Self-service photocopying machines 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 loan.

LSU Libraries houses a CC’s Coffee Shop open during core hours when Middleton Library usage is at its peak. A faculty technology center is located near the back of Middleton Library offering technology support to faculty members. A tutoring center is located in 141 Middleton, in the rear section of Reference Services. The tutoring will focus on subject-specific topics.

LSU Libraries’ U.S. Regional Depository Library collection, the United Nations documents collection, and the U.S. Patent Depository Library are also housed in Middleton Library. The Library has been a depository for publications of the federal government since 1907 and has a substantial portion of the U.S. documents issued before and after that time. In 1904, the Library became a Regional Depository Library. The holdings of United Nations publications date from the establishment of the United Nations in 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 businesses, professions, and organizations; and extensive photographic collections. University Archives, administered by Special Collections and housed in Hill Memorial Library, is the official repository for all permanent noncurrent records of academic and administrative units of the University. In addition, the University Archives is the office on campus charged with records management duties.

The Rare Book Collection is wide-ranging and eclectic in nature, with concentrations in 18th century English literature and history; book arts and the history of the book; New World exploration and travel; economic history; and science fiction and fantasy.

The E. A. McIlhenny Natural History Collection was donated to the LSU Libraries in 1971, in memory of Edward Avery McIlhenny, whose private library forms the core of the collection. Rich in ornithological and botanical art, it is an exceptional resource for researchers in the history of those fields. High points in this collection include John James Audubon’s double-elephant folio Birds of America, and the “Native Flora of Louisiana” collection of original watercolor drawings by internationally renowned botanical artist Margaret Stones.

The T. Harry Williams Center for Oral History and the United States Civil War Center are also administered as part of the Special Collections. The Williams Center for Oral History was established in 1991 as an interdisciplinary program that supports and encourages the collection, preservation, and dissemination of the social, political, cultural, and economic history of Louisiana through the use of recorded interviews. Recordings and transcripts generated by the program and its affiliated researchers are deposited in the Louisiana and Lower Mississippi Valley Collections.

The United States Civil War Center was created in 1993 to promote the study of the Civil War from various perspectives. The center publishes the Civil War Book Review, an online journal available at http://www.cwbhr.com. Selected materials from Special Collections are available in the Louisiana Digital Library.

LSU MUSEUM OF ART

EXECUTIVE DIRECTOR • Thomas A. Livesay
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The LSU Museum of Art (LSU MOA) is the premier art museum in Baton Rouge. Located downtown in the Arts also overlooking the Mississippi River, LSU MOA offers visitors a wide range of art exhibitions. The 4000-work collection is highlighted in galleries of American and British portraiture, decorative arts, landscape painting, New Orleans Coin Silver, Newcomb Pottery, and Chinese Jade as well as contemporary Louisiana and American painting. LSU MOA also presents special exhibitions of paintings, sculpture, works on paper, and photography to the local art public. There is something for everyone at LSU MOA.

Museum hours are 10 a.m. to 4 p.m. on Tuesday, Wednesday, Friday, and Saturday; 10 a.m. to 8:00 p.m. on Thursday; and 1 p.m. to 5 p.m. on Sunday. The museum is closed on major holidays. There is an admission fee.

More information can be found at www.lsumoa.com.

LOUISIANA MUSEUM OF NATURAL HISTORY

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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 Pathology, the Gems & Mineral 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 Plants & 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 Web site.

OFFICE OF ASSESSMENT & EVALUATION

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The Office of Assessment & Evaluation (OAE) provides theoretical and practical measurement support to the University administration and community, including:

- Administration of the University Planning and Assessment Matrix
- Reviews and assessments associated with the General Education Component of Undergraduate Education, including course assessment and assessment of college-level student learning outcomes
- Coordination of University Assessment Council reviews of degree program assessment
- Consultation on tests, measurements, program evaluation, unit strategic plans, and assessment of student learning outcomes
- Administration of computer-based testing for LSU courses
- Administration of course placement and advanced-standing credit assessments
- Large-scale and localized test development, administration, statistical analysis and score reporting
- Electronic test scoring, statistical analysis, and reporting of data gathered via machine-scannable forms
- Custom survey design, production, statistical analysis and reporting in both scan and computer-based modes
- Development and implementation of experimental designs employing qualitative methodologies such as focus groups and group interviews
- Administration of programs for student teaching evaluations of faculty and courses
- Coordination of large-scale national surveys and assessments related to institutional assessment
- Computer-based testing for externally-based entrance and proficiency examinations

RURAL LIFE MUSEUM AND WINDRUSH GARDENS

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The Rural Life Museum, an outdoor museum complex, is located approximately five miles from the University’s 450-acre Burden Research Plantation. Open daily, this unique outdoor 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, commissary, 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 corn crib, potato house, shotgun house, Acadian house, and a 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 semi-formal 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

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Founded in 1935 as an integral part of the plan to expand and improve Louisiana State University, the LSU Press quickly established itself as a major publisher of books about the South. As one of the outstanding scholarly publishers in the country and the only academic publisher in the state, LSU Press remains committed to publishing the best books, books that will inform, educate, and enlighten readers. A nonprofit institution, the LSU Press’s publishing list is mission driven, not profit driven.


LSU Press publishes approximately 80 new books a year by authors from our region and around the world. Our global publishing perspective ensures that we continue to be recognized for distinguished publishing in the areas of southern history, Atlantic studies, southern literature, the Civil War, poetry, fiction, jazz studies, environmental studies, media studies, African American studies, and Louisiana and the Gulf South region.

Our books are published to rigorous standards, including approval by the Faculty Senate University Press Committee, which is composed of eight faculty members.

NATIONAL CENTER FOR SECURITY RESEARCH & TRAINING

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The National Center for Security Research & Training (NCSR) has been established to coordinate efforts in security research and training. The University is currently a leader in 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 among the various objectives of security and education;
- coordinate the activities of existing centers that focus on security and emergency preparedness;
- create a collaborative structure that incorporates faculty expertise; and
- partner with private and public entities.

LSU Fire & Emergency Training Institute

DIRECTOR • Jeff Gleason
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FAX • 225-334-6341
WEB SITE • feti.lsu.edu
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The Fire & Emergency Training Institute (FETI) is Louisiana’s leading agency in providing basic, advanced, and specialized training to fire fighters and emergency service providers. Training centers in Baton Rouge and Minden, combined with a regional staff, enables FETI to deliver nationally recognized courses to individuals, municipalities, the Department of Defense, and private industries in all areas of the state. Courses include instruction in aircraft, structural, marine, and OSHA-approved industrial firefighting, hazardous materials mitigation, and various specialized command and control courses developed at the National Fire Academy. The rescue program offers advanced courses in Urban Search and Rescue, basic rope, confined space rescue, and other specialized technical rescue courses.

Because of the increasing demand for pre-hospital advanced life support, FETI’s Emergency Medical Services Program has expanded its course offerings from basic
emergency medical care to paramedic, advanced cardiac life support, and pediatric emergency medical care. The paramedic course includes extensive study in subject areas including, but not limited to: intravenous/intracutaneous therapy, pharmacology, cardiology, and entod tracheal (advanced) airway management. The didactic component consists of 500 hours of lecture and lab, while the clinical component requires 650 hours of hospital and ambulance experience under the watchful eye of an assigned preceptor. Upon successful course completion, students are eligible to take the National Registry of EMTs’ practical and written examination. Once registered, candidates may apply for State of Louisiana certification as an EMT-Paramedic. FETI is currently in the application process for national accreditation of the paramedic course.

The Firefighter and Emergency Responder Certification Program offers certification for career and volunteer firefighters at all levels based on the National Fire Protection Association Professional Qualification Standards. The certification procedure, which involves a practical and written evaluation process, is offered throughout the state, both on-demand and on predetermined test dates. The Certification Program is accredited by the International Fire Service Accreditation Congress (IFSCC) and the International Board on Fire Service Professional Qualifications (Pro Board). Additional information about the programs at FETI can be found on the Web site.

National Center for Biomedical Research & Training

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The National Center for Biomedical Research & Training (NCBRT), Academy of Counter-terrorist Education (ACE) at LSU is a primary component of the National Center for Security Research & Training (NCSRT). The NCBRT is a national leader in the development and delivery of a wide range of training programs in the areas of homeland security, domestic and international terrorism, weapons of mass destruction, and high-consequence events. Since 1998, the NCBRT has developed more than 30 courses certified by the Department of Homeland Security for the emergency responder community. Course topics include: prevention and deterrence, tactical operations, law enforcement operations, campus emergencies, emergency response to biological incidents, sampling, and agroterrorism, just to name a few. These courses are delivered year round by NCBRT adjunct instructors to law enforcement, fire and emergency personnel; medical and public health professionals; and local, state, and national law makers throughout the United States and its territories.

THE SOUTHERN REVIEW

EDITOR • Jeanne Leiby
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The Southern Review, now in its second series, is a literary journal published quarterly under the editorship of Professor Jeanne Leiby. Founded in 1935 by Cleanth Brooks, Robert Penn Warren, Albert Erskine, and Charles Pipkin, The Southern Review publishes contemporary poetry, fiction, essays, and book reviews, as well as translations and reproductions of visual art. Subscriptions are $40 a year for individuals and $75 a year for institutions. Manuscripts (accompanied by SASEs) and subscription orders should be addressed to The Southern Review, Old President’s House, LSU, Baton Rouge, Louisiana 70803. For more information visit the journal online at www.lsu.edu/sr.

COLLEGE OF AGRICULTURE

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Louisiana State Arthropod Museum

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CURATOR • Victoria M. Bayless
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TELEPHONE • 225-578-1838
FAX • 225-578-1643
WEB SITE • www.entomology.lsu.edu/lsam
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The Louisiana State Arthropod Museum (LSAM), located in the Life Sciences Building, is a part of the Department of Entomology and a component collection of the Louisiana Museum of Natural History. The LSAM is the largest repository of insects and related arthropods in Louisiana. It houses approximately 1.2 million specimens, including 1 million 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 southern 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, biodiversity, 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 • Pamela Vinci
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TELEPHONE • 225-578-2403
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WEB SITE • www.textilemuseum.huec.lsu.edu
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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 • Sharon Smith Naquin
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The Public Management Program (PMP) serves as the research to practice affiliate for the Human Resource Education program within the School of Human Resource Education and Workforce Development. Incorporating research-based theory and current best practices, this unit offers a comprehensive array of human resource development activities to the public sector on a state, national, and international level. Specific activities include: training program design and delivery; strategic planning services; performance improvement on an individual, work group, and organizational level; process improvement; performance evaluation; adult literacy
program development and delivery; curriculum design; program evaluation; organizational development strategies; workplace literacy program development and delivery; career development strategies; succession planning activities; and competency model development and implementation. PMP offers seminars, consultation services, and in-service training programs through traditional classroom instruction as well as state-of-the-art technology-based collaborative learning methodologies. The unit also develops and publishes research quality documents (both internally and through peer review systems) on various governmental and organizational issues. These services are provided by Public Management staff and University professors.

This unit is designated as the sponsoring agency for the Comprehensive Public Training Program (CPTP), a training and educational program authorized by the 1979 Louisiana Legislature. CPTP is designed to increase the skill and knowledge of state employees and nonelected officials.

COLLEGE OF ART & DESIGN

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Computer-Aided Design & Geographic Information Systems Research Laboratory

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FAX • 225-578-5040
WEB SITE • cadgis.lsu.edu

The Computer-Aided Design & Geographic Information Systems Research Laboratory (CADGIS) is dedicated to education, service, 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. CADGIS has two instructional laboratories, one research laboratory, and seminar rooms with IP-based video conferencing capabilities. A wide range of software is available, as well as plotting and printing services.

Office of Community Design & Development

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STUDIO • 55 Atkinson Hall
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FAX • 225-578-2168
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The Office of Community Design and Development (OCDD) is an interdisciplinary community outreach center in the School of Architecture that connects students with Louisiana’s communities to improve the quality of the built environment and the lives of citizens across the state and beyond. Funded through grants and sponsored research, OCDD’s practice-centered pedagogy strengthens the efficacy of student learning through a comprehensive approach to professional education, undergraduate research, civic engagement, and service learning.

Research Office for Novice Design Education

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The mission of the Research Office for Novice Design Education is to preserve, generate and disseminate knowledge of theories and practices pertaining to novice design education. Its goal is to become a central resource for educators and scholars interested in novice design education. The research office addresses salient questions regarding how one has taught, teaches, or should teach design to learners who are new to the field of study. Such questions inquire into issues such as the particular educational challenges faced by novice learners and educators and the impact of those challenges on the relationship of novice design education to the broader design disciplines, the content and curricular structure of novice education, and the types of assignments and projects most suited for that content and structure. At their best, these questions, and the answers to them, implicitly or explicitly state a position on the status of knowledge, the means by which one transfers, acquires or constructs knowledge, and how one has used, uses or should use knowledge in the world.

To achieve its mission and goal, the research office is engaged in three ongoing initiatives.

(1) Collect Existing Scholarship: The research office collects papers, books, or bibliographic reference material on novice design education. The purpose of this initiative is to develop a comprehensive reference archive for research on novice design education.

(2) Scholarship: The research office produces and facilitates scholarship through the work of its directors and scholars who use its library.

(3) Distribute Scholarship: The research office disseminates scholarship through this Web site, other publications, and open access to the scholarship it collects.

The research office is honored to house the past proceedings of the National Conference on the Beginning Design Student in searchable PDF format. Over the past 25 years, the participants of NC BDS have produced a remarkable body of knowledge on beginning design education. With this database, the NC BDS and the research office is pleased to make this body of knowledge available to scholars.

Research projects currently include investigations into: (1) the relationship between cognition and drawing, (2) film media as an alternative mode of representation in novice design education, (3) teaching critical reasoning in professionally oriented undergraduate design courses, and (4) the application of Henri Lefebvre’s theory of the everyday to novice design education.

Terrain. Kinetics. Interaction (TIK) Lab

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The TIKI Lab is an effort initiated by the School of Landscape Architecture focusing on research in visualization, simulation, sensing, and interactive/reactive environments. The lab provides facilities that include pen input tablets and monitors, touch screen presentation, high end visualization and video editing components, and three dimensional scanning.

The lab provides a research resource for faculty and graduate students with collaborative projects and funding from a variety of private and governmental organizations. Current projects are focused on haptics in design representation, responsive landscapes, and geospatial modeling. Project sponsors have included the McKnight Foundation, Louisiana Department of Homeland Security, and various foundations.

Urban Landscape Lab

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The Urban Landscape Lab (ULL) is a research and service-learning center at the School of Landscape Architecture at LSU. The center’s mission is to design and build projects in distressed urban areas that promote the development of innovative, healthy and environmentally sustainable landscapes, and provide hands-on learning opportunities for LSU students. There are four ongoing projects within the lab: the New Orleans Schoolyard Project, the St. Roch’s Neutral Ground Revitalization, the Viet Village Urban Farm Project, and the New Orleans Garden Festival.

New Orleans Schoolyard Project

The New Orleans Schoolyard Project has worked with several schools since the
hurricane in the New Orleans area to help revitalize devastated campuses. This work focuses on developing innovative design solutions that make children more active to combat childhood obesity, develop environmentally sustainable campuses, and engage the school children in design exercises. The Prevention Research Center at Tulane University’s School of Public Health and Tropical Medicine has collaborated with the ULL to research impact of schoolyard design on children’s health and activity levels. Some of the schools the ULL has worked with include: the Priestly School for Architecture & Construction and the Colton Elementary School.

St. Roch’s Neutral Ground Revitalization

The St. Roch’s project is located in a historic neighborhood in New Orleans devastated by the hurricane. This project, in collaboration with the Prevention Research Center at Tulane University’s School of Public Health & Tropical Medicine, develops a design for a series of six median areas (called “neutral grounds” locally) along historic St. Roch Avenue. The design process included extensive public participation and interviews with the local residents. The designs are focused on creating more physical activity in the neighborhood. Construction of the first phase of the design began in the fall of 2007.

Viet Village Urban Farm Project

The Viet Village Urban Farm project is located in east New Orleans, a Vietnamese-American community with strong ties to this area of New Orleans. Over 90 percent of the pre-Katrina population has returned to this area. The Viet Village Urban Farm is an urban farming project on 2 acres of land located at the center of the community. The farm will support both household farming, and producing crops for local consumption, as well as commercial crops for distribution to local New Orleans restaurants. Educational and recreational activities are also incorporated into the design to create a project that will be the new center of this urban community. This project is being developed in collaboration with the City Center at Tulane University.

New Orleans Garden Festival

The New Orleans Garden Festival project is focused on bringing demonstrations of innovative and environmentally friendly landscape design to the city of New Orleans. A yearly competition to design and build innovative landscapes will draw landscape architects, designers, and artists from around the world to construct a series of demonstration gardens. LSU students will assist in the design and construction of the gardens. This project is in the development phase in collaboration with the non-profit Friends of the NOLA Garden Festival.

E. J. OURSO COLLEGE OF BUSINESS

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Louisiana Business & Technology Center

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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. 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; and office space and business services.

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 in the incubator at South Campus.

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 LBTC was named the 2005 National Business Incubator of the Year by the National Business Incubation Association (NBIA), the 2009 U.S. Department of Commerce—Excellence in Economic Development and the 2009 NBIA—Most Innovative Program.

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 Economic Development; its Louisiana 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 acquired 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; and
• to provide access for state agencies, local government, and Louisiana businesses to conduct research and develop technologies.

LBTC Mobile Classroom and Rural Entrepreneurship Program

The LBTC has a 30-seat mobile classroom that it deploys to rural Louisiana and the hurricane impacted areas of the state to offer training in entrepreneurship, business planning, marketing and disaster recovery. This program is funded by the USDA—Rural Development with assistance from the LED, LPFA, LSU Ag Center, Louisiana Municipal Association, and Capital One. The unit visits 30 locations annually offering workshops and one-on-one counseling.

Access LSU

The LBTC has established a program to be the gatekeeper for businesses needing access to LSU’s wealth of talent, expertise, equipment, and technology. Business owners call the LBTC with their problems and needs and the LBTC researches the system to find and connect the proper expert with the business.

Disaster Recovery

The LBTC was established as a Small Business Disaster Recovery Center immediately after hurricanes of 2005. The LBTC has partnered with Louisiana Economic Development and others including Shell and ExxonMobil to provide assistance to businesses and entrepreneurs in the hurricane parishes from Cameron to Calcasieu to St. Bernard and Plaquemines. The program provides one-on-one counseling as well as workshops on procurement, business recovery, and business development.

Student Incubator

The LBTC Student Incubator is a 1,200 square foot incubator facility designed for student entrepreneurs interested in starting businesses prior to graduation in an attempt to “create their own job” after graduation. The Student Incubator provides space, equipment, furniture, business counseling, mentoring and access to capital to student entrepreneurs. The LBTC staff and Advisory Board provide business support and training programs at no cost to students.
Stephenson Entrepreneurship Institute

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TELEPHONE • 225-578-0313
FAX • 225-578-6606
ASSOCIATE DIRECTOR • Carol Carter
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The Stephenson Entrepreneurship Institute’s mission is to inspire, innovate, integrate, and implement new ways of thinking, education, and outreach to positively impact students, the regional economy, the state of Louisiana, and the nation. This multi-disciplinary, University-wide institute promotes innovative approaches to identifying needs and solving problems through an entrepreneurial view of opportunity recognition and realization.

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 the primary goal of economic development and job creation in Louisiana. Available University academic coursework are include: entrepreneurship, small business management, innovation and creativity, doing business in China, consulting field projects, family business management, franchising management, and independent study topics as approved.

Focus Programs

- **Executive & Entrepreneurial Education** - a certificate course that instills a new vitality and effectiveness by hosting guest speakers and lecture for mid-career level executives seeking professional development.
- **Louisiana Business & Technology Center** - develops small businesses and creates job opportunities in Louisiana through its technology incubator, consulting services, outreach programs, a Mobile Classroom, and various other commercialization and development programs.
- **Women in Business** - addresses the issues, opportunities, and challenges faced by today’s female entrepreneur and consists of an annual seminar, networking sessions and directed consulting projects.
- **International Franchise Forum** - provides expertise, experience, and advice to help businesses initiate new franchising systems.
- **Family Business Forum** - offers family business owners the opportunity to gain the knowledge to successfully operate and expand their business.
- **Tiger Business Service** - a low-cost business consulting service which is provided to the Baton Rouge area for-profit and non-profit organizations using interdisciplinary consulting teams.

A generous donation by Emmet and Toni Stephenson will permit The Stephenson Entrepreneurship Institute, the Louisiana Business & Technology Center, the Small Business Development Center, the LSU System Emerging Technology Center, and other colleges within LSU to create a more responsive environment to assist in economic development and entrepreneurship related endeavors.

Public Administration Institute

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FAX • 225-578-9078
WEB SITE • www.bus.lsu.edu/pai
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The Public Administration Institute (PAI) offers the Master of Public Administration (MPA) degree to enhance 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 who are in the private sector or who intend 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 and non-profit agencies are available to qualified students.

Louisiana Real Estate Research Institute

DIRECTOR • R. Kelley Pace
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TELEPHONE • 225-578-6238
FAX • 225-578-6366
WEB SITE • www.bus.lsu.edu/teri

The Louisiana Real Estate Research Institute was established in 1985 with funding from the Oursou College of Business and the LSU 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 nonparametric 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 and teaching support for students.

The institute’s work is closely supported by the Louisiana Real Estate Commission Endowed Chair of Real Estate, the Latter & Blum Professorship of Business Administration, and the C. J. Brown Professorship of Real Estate.

The mission of LSU’s Stephenson Disaster Management Institute is to save the lives of people and animals by continuously improving disaster response management through research and education. Working with both practitioners and academic researchers, SDMI closes the gap between these two critical players by causing collaboration. The result is leading research that can be applied to the management challenges that face government leaders and emergency managers.

The institute fulfills its mission by:

- Bringing business principles and research to bear on the unanswered management challenges of large, complex disasters
- Applying, enhancing, and coordinating the unique capabilities and experience of Louisiana State University in the areas of hurricane research, disaster science, and computation and technology
- Building partnerships between management scholars, emergency preparedness and response practitioners, and the private sector
- Producing high quality, applied research that draws from multiple disciplines
- Disseminating learning through meaningful executive education programs and publications for business and government managers

The Stephenson Disaster Management Institute enhances LSU’s ability to bring its existing programs and research capacity to bear on the particular problems of disasters and adds additional capacity with respect to strategic management and decision-making. SDMI concentrates on four focus areas identified as disaster management problems that could be addressed by leveraging LSU resources:

- Supply Chain & Logistics
- Education & Training
- Evacuation & Shelter
- Media & Communications

The Stephenson Disaster Management Institute assures that LSU continues the national prominence it has recently gained and, more importantly, will assure that the nation becomes better able to respond to future catastrophes.
COLEGE OF THE COAST AND ENVIRONMENT

DEAN  Christopher D’Elia
OFFICE  1002-Q Energy, Coast, & Environment Building
TELEPHONE  225-578-6316
FAX  225-578-5328
WEB SITE  www.sc.e.lsu.edu

Coastal Ecology Research Focus

The coastal ecology research group focuses on the wide range of ecosystems encountered in the coastal zone. The specialties include ecosystem modeling, conservation, estuarine and wetland ecology, isotope biogeochemistry, hydrology, microbiology, wetlands, restoration, oceanography, and water quality. Researchers seek answers to problems in the shallow continental shelf, the coastline, inshore estuaries, and adjacent coastal areas that form an interface between the uplands and the open ocean. Faculty and staff have ongoing projects in Louisiana and the United States, as well as Central and South America, Asia, and Europe.

Major projects include studies of the biological oceanography of the northern Gulf of Mexico (including the low oxygen zones and hard bank communities); coastal zone characterization, assessments, and monitoring studies including biogeochemistry of nearshore waters; wetland loss and human impact analyses; wetland hydrology, and restoration efforts; and development of ecosystem models to predict and evaluate management and potential climate change effects on Louisiana’s coast. Scientists also study deep sea benthic ecology, submarine ground water discharge, harmful algal blooms, trophic dynamics of terrestrial, riverine, and marine ecosystems.

Coastal Fisheries Research Focus

The coastal fisheries research group conducts applied and fundamental research intended to provide a better understanding of relationships among man, environmental processes, and fish populations; and to document the status of existing fisheries and fish populations; and to assist in providing the research foundation for the evolution of more stable fisheries.

The objectives of this research group are to strengthen and lead marine fishery-related research (fish, mollusks, and crustaceans) and education at LSU; to develop a better understanding of the operative factors influencing fish growth, survivorship, and yield; to provide state government, public conservation agencies, and private industry with the data necessary to make sound management decisions; and to cooperate with the Louisiana Department of Wildlife and Fisheries and the National Marine Fisheries Service to assure the safe development and wise use of fishery resources in Louisiana and the Gulf of Mexico.

Research coordinates and integrates knowledge from zoology, ecology, biochemistry, oceanography, modeling, and statistics to address relevant issues, such as overfishing, pollution, habitat loss, sustainability, and resource utilization disputes that threaten Louisiana’s fishery resources, its rich coastal heritage, and the economic well-being of an important industry.

**Coastal Studies Institute**

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FAX  225-578-2520
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The Coastal Studies Institute (CSI) is a research organization established in 1952 with a major emphasis on dynamic processes of the coastal zone. Research is interdisciplinary, including sedimentology, marine geology and geophysics, coastal morphodynamics, hydrodynamics, dynamic meteorology, physical oceanography, air-sea interactions, and remote sensing. Field investigations have been undertaken on all continents except Antarctica, including the coast of the Arctic Ocean. A significant part of CSI research concentrates on transport processes and form-process relationships in coastal and continental-shelf environments.

The emphasis of the marine geology program is on deltaic, shelf, and slope sedimentary environments. Coastal morphodynamics focuses on bottom boundary layer and nearshore processes and costal response to storm events. Physical oceanographic research emphasizes the dynamics of water and sediment particles in coastal, estuarine, continental shelf and slope, and marginal ocean basin environments, including numerical modeling of such processes. The dynamic meteorology program addresses research problems in the coastal zone and marine boundary layer. Research on air-sea interactions integrated with hurricanes and tropical storms is focused on advancing the understanding and prediction of storm track and intensity changes.

The institute houses the Earth Scan Laboratory (LSU’s satellite receiving station and image processing facility), and the WAVCIS (Wave-Current-Surge Information System) program (oceanographic/meteorological real-time observing systems in the Gulf of Mexico). Institute programs provide excellent opportunities for graduate student research.

CSI receives research support through competitive grants and contracts with a variety of federal agencies including the U.S. Geological Survey, the National Science Foundation, the National Aeronautics & Space Administration, the National Oceanic & Atmospheric Administration, the U.S. Minerals Management Service, the Coastal Sciences Program of the Office of Naval Research, the Corps of Engineers, Federal Emergency Management Agency, and the Sea Grant Program, as well as a variety of state agencies and major petroleum companies.

COLLEGE OF ENGINEERING

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Center for Gas Turbine Innovations & Energy Research

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TELEPHONE  225-578-5809
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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 Humanities & Social Sciences, the College of Science, and the Center for Advanced Microstructures & Devices. The various researchers have established strong programs in gas turbines and distributed energy or related areas.

Center for Rotating Machinery

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The Center for Rotating Machinery (CeROM), 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 intellectual 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 Rotating Machinery Symposium (GSRMS) Conference steering committee. Projects of note include research in the areas of tribology, materials synthesis, characterization, modeling, mechanical systems analysis, nondestructive testing, fatigue testing and analysis, 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

CO-DIRECTORS • Reible: Pardue
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WEB SITE • www.hsrc-ssw.org

The Hazardous Substance Research Center/South and Southwest (HSRC) is a five-institution consortium consisting of LSU, as the lead institution, Georgia Institute of Technology, Texas A&M, Rice University, and University of Texas. 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.

Louisiana Transportation Research Center

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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 also offers courses, seminars, and training sessions designed to enhance the professional capabilities of DOTD engineers and all transportation professionals. These courses are offered through LTRC’s Transportation Training and Education Center (TTEC) located adjacent to the LTRC building. TTEC has state-of-the-art classrooms and lecture facilities with advanced distance-learning capabilities. LTRC also publishes reports, brochures, and training materials. These publications are available to students in appropriate disciplines.

The Louisiana Local Technical Assistance Program (LTAP), a division of LTRC, 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

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WEB SITE • www.lwri.lsu.edu
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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).

COLLEGE OF HUMANITIES & SOCIAL SCIENCES

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FAX • 225-578-6447
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Southern Regional Climate Center

DIRECTOR • Kevin Robbins
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The NOAA Southern Regional Climate Center (SRC/SRCC) is one of six NOAA National 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.

Louisiana Office of State Climatology

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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 LOSC is closely linked to the department’s Southern Regional Climate Center and shares the SRCC’s data and computer resources.

Louisiana Population Data Center

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FAX • 225-578-5102
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The Louisiana Population Data Center (LPDC) was established at LSU in 1987 to provide technical support for nationally competitive research proposals in the social sciences. Although the LPDC is housed in the Department of Sociology, its mission is to serve social science researchers throughout the University. Since its inception, the LPDC has supported researchers in Psychology, Political Science, Human Ecology, Agricultural Economics, Social Work, and other academic units. The LPDC is the academic coordinating agency in Louisiana for the State Data Center (SDC) program of the Bureau of Census.

The LPDC director is the inter-University Consortium for Political and
Social Research (ICPSR) organizational representative. Through this service the LPDC provides social science researchers at LSU with assistance in acquiring and accessing a vast archive of social science data stored at LSU and the University of Michigan. Funded by the LSU College of Humanities & Social Sciences, access to these data sets is free to LSU researchers.

The center has moved to national prominence through its service and research on key 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. Our research has been supported by funding from National Science Foundation, U.S. Department of Agriculture, National Institute on Aging, Minerals Management Service, National Marine Fisheries Service, and the Rockefeller Foundation at the national level, and the Louisiana Departments of Health and Hospitals, Labor and Social Services, the Metropolitan Council of the City of Baton Rouge, and the Governor’s Office of Elderly Affairs at the local and state level. Administratively, the director of the LPDC together with an Executive Committee set center policy. Senior researchers of the center make up the Executive Committee. Upon recommendation from the center’s Executive Committee, the dean of the College of Humanities & Social Sciences appoints the director of the LPDC for a five-year term. Funded research is administered through the Office of the Vice Chancellor for Research & Economic Development.

Eric Voegelin Institute for American Renaissance Studies

DIRECTOR • Ellis Sandoz
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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 Humanities & Social 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 civilizations, 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 in the U.S. and abroad 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. completed in 2009.

MANSHP SCHOOL OF MASS COMMUNICATION

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The Reilly Center for Media & Public Affairs

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FAX • 225-578-1899
WEB SITE • www.lsu.edu/reillycenter
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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 on all aspects of media and public affairs. Topics range over a wide variety of issues, including news coverage of government and business, the impact of technology on foreign news coverage, the role of advocacy groups in reaching the electorate, public opinion analysis, and constituent building by public and private entities.

The 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, and a public policy fellows program for the discussion of media and public affairs issues. The 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 pressing contemporary importance. Symposia are often published as reports and distributed nationally. The center manages the Manship School Research Facility which houses the Public Policy Research Lab and the Media Effects Lab.

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 superior scholars on practical problems. Projects may include opinion surveys, communication plans, media training, and other special projects.

COLLEGE OF SCIENCE

DEAN • Kevin Carman
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FAX • 225-578-8826
WEB SITE • http://science.lsu.edu

Hearne Institute for Theoretical Physics

DIRECTORS • Jonathan Dowling & Jorge Pullin
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WEB SITE • hearne.phys.lsu.edu

In 1994, LSU alumnus Horace C. Hearne, Jr., endowed two chaired professorships in the Department of Physics & Astronomy at LSU. In his will he also left a mandate that they be used to create the Horace Hearne Jr. Institute for Theoretical Physics.

In 2001, Jorge Pullin joined the LSU faculty as one of the Hearne Chairs and in 2004 Jonathan Dowling was also hired as a Hearne Chair. Research is on quantization of gravity and quantum science and technologies, including decoherence due to quantum gravity, non-standard optics due to quantum gravity, quantum computing, quantum imaging, and quantum sensors.

The institute has more than 10 associate faculty in the Departments of Physics & Astronomy, Math, Electrical Engineering, and Computer Science, and is supported by the original Hearne endowment, as well as grants from the National Science Foundation and the Department of Defense.

LSU Herbarium

Hearne, Jr., endowed two chaired professorships in the Department of Physics & Astronomy at LSU. In his will he also left a mandate that they be used to create the Horace Hearne Jr. Institute for Theoretical Physics.

The LSU 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.

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.

Mycological Herbarium

The Bernard Lowy Mycological 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.

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.
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 archaeological 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 National Science Collections Alliance.

OTHER RESEARCH PARTNERSHIPS

LSU AGRICULTURAL CENTER

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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 College of Agriculture, College of Engineering, 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.

AUDUBON CENTER FOR RESEARCH OF ENDANGERED SPECIES

DIRECTOR • Becky Dresser
TELEPHONE • 504-398-3266
WEB SITE • www.auduboninstitute.org

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.

LOUISIANA UNIVERSITIES MARINE CONSORTIUM

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Louisiana Universities Marine Consortium (LUMCON) was formed in 1979 to coordinate and stimulate research and educational 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 Aichafalaya 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 Web site at www.lumcon.edu.

OAK RIDGE-associated universities

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Undergraduate and graduate students, postgraduates, and faculty enjoy access to a multitude of opportunities for study and research through Oak Ridge Associated Universities (ORAU) and the Oak Ridge Institute for Science and Education (ORISE). Students can participate in programs covering a wide variety of science, technology, engineering, and math disciplines. Most appointments range in length from one month to four years and include a stipend or salary, as well as funding for travel related to research or professional meetings. Some programs pay for tuition and fees. Many of
these programs are especially designed to increase the numbers of underrepresented minority students pursuing degrees in science- and engineering-related disciplines. A comprehensive listing of these programs and other opportunities, their disciplines, and details on locations and benefits can be found in the ORISE Catalog of Education and Training Programs, which is available at http://www.orau.gov/orise/educ.htm.

Through ORAU’s University Partnerships Office, opportunities for partnerships and alliances among ORAU’s members, private industry, and major federal facilities are developed. Activities include faculty development programs, such as the Ralph E. Powe Junior Faculty Enhancement Awards, consortium research funding initiatives, faculty research and support programs as well as services to chief research officers.

Since 1946, students and faculty of LSU have benefited from its membership in Oak Ridge Associated Universities (ORAU). ORAU is a consortium of 100 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.

ORGANIZATION FOR TROPICAL STUDIES

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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 offices are located at Duke University in the USA and in San Jose in Costa Rica. Three field stations in Costa Rica are located in tropical rain forest (La Selva), tropical dry forest (Palo Verde), and tropical montane forest (Las Cruces) environments. La Selva Biological Station, OTS’s 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. Kyle Harms, Department of Biological Sciences, LSU, 202 Life Sciences Building and at kharms@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

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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 A&M, LSU Ag Center, and LSU Health Science Center in New Orleans and at teaching hospitals hold adjunct appointments at the PBRC.

The center has research programs in the areas of cancer, diabetes, epidemiology and disease prevention, genomics and molecular biology, neurobiology, neurodegeneration, nutrient sensing and cell signaling, obesity, physical activity and health, and stem cell and developmental biology. There are 19 core facilities which support over 50 laboratories within the research units of the center.