

Academic Resources

Library Affairs

Morris Library, named after the late Delyte W. Morris, University president from 1948 to 1970, features an Internet accessible information network providing entry to library catalogs, abstract and index services, full-text periodical databases, and local and national technological resources: <<http://www.lib.siu.edu>>. The Library contains over two and a half million volumes, some 12,500 current periodicals and serials, and three million microforms. Collections of government documents, maps, films and videotapes and sound recordings are notable as well. With the exception of materials in Special Collections, items are arranged on open shelves and available for browsing.

The Library's public computers provide access to the online catalog and to more than 100 electronic databases, including indexing and abstracting services and the full text of nearly 2,000 journals and newspapers. Many of these resources can also be accessed from personal computers in residence halls, offices, and homes by direct connection with the University computer network or via modem. SIUC at, the library's online catalog, provides access to our materials and over forty other academic libraries in Illinois. Additionally, users have access to 100 plus libraries in the state for interlibrary loan purposes.

In 2006-2007, the Library is undergoing renovation. As a result, various services and resources are dispersed throughout the campus. The first floor of Morris Library houses the Information Desk, where reference librarians and staff are available to help researchers with their search strategies and to acquaint them with the ever expanding range of electronic finding aids and journals. Reserved course-related materials in various media are made available to all class participants for limited-time usage. The central circulation desk, where all books are checked out, is also located on the first floor. Books recalled from the Library's offsite facilities are picked up at the circulation desk. The Browsing room collection, containing recent books of a popular nature to provide recreational and a vocational reading, is located on the first floor.

Other services/collections found in Morris Library during the renovation include a core collection of books, including the most recent purchases, and journals published in 1996 to present. Also located in Morris Library are: the map collection, Geographic Information Systems, capable of combining statistical, government and geographical data, and the Curriculum Materials Center.

Computer and network support can be obtained in the Northwest Annex. Instructional Support Services, which provides instructional design and instructional technologies, as well as a multimedia development lab, can also be found in the Northwest Annex. In addition, the Library Administrative Offices and reference librarians' offices are located in Northwest Annex.

The Special Collections Research Center houses the rare books and manuscript collections and maintains the University archives. It contains important research collections in American Philosophy, First Amendment Freedoms, American and British twentieth century literature and theatre, and the history of southern Illinois. During the renovation, these materials are housed in two off-site storage facilities.

A third off-site facility, McLafferty Annex, houses the bulk of the library book collection including journals published in 1995 and older, the Government Information documents, and the editorial offices of the Ulysses S. Grant Association, another unit of Library Affairs which collects, edits and published the entire correspondence of President Grant.

The Library faculty and staff recognize the complexity involved in using a research library and are eager to help students, faculty, staff and others in satisfying their research needs. Seminars, tutorials, printed handouts for electronic resources, the Internet, bibliographic instruction, library use, and information retrieval are provided without charge on a continuous basis by Library faculty and staff.

Information Technology

Faculty and staff are encouraged to have mini computers for their needs. To assist faculty and staff in the achievement of instruction, research, service, and administrative goals and objectives of the University, SIUC's network infrastructure provides network-based information resources to desktops by Unix-based RISC servers, an IBM mainframe, and four Computer Learning Centers with computer classrooms and general access areas equipped with a variety of microcomputers.

The network at SIUC includes all main campus buildings. The fiber optic network to buildings on the SIUC campus is designed to provide for data transmission, compressed digital video, and full motion video, empowering faculty to teach with computer based multi-media technologies. The technology infrastructure, facilitated by the campus backbone network and its peripheral technologies, enables the creative delivery of instruction, research, and community service. The network connects work groups and departmental microcomputers or workstations for electronic interchange.

SIUnet, SIUC's communications network, with over 8000 interactive devices, provides access to on- and off-campus computing resources as well as access to the Internet through the Illinois Century Network (ICN). Additional networks connect our Edwardsville and Springfield campuses. SIUC is a member of Internet2.

The SIUC Internet system is a comprehensive environment comprised of multiple servers and services dedicated to the enrichment of faculty, staff, students, alumni, and the general public. Among the more common

systems is a World Wide Web (WWW) campus Internet System, which provides important information to prospective students, parents of prospective students, alumni, and the general Internet audience. In conjunction with the SIUC Internet System is a campus WWW “Intranet” System that provides specific information about services and resources available at SIUC, including key departmental information, on-line searches, and links for research faculty and students to library resources, local, regional, and international information sources. A student-oriented WWW service called “SalukiNet” provides access to students’ personal records, such as grades, transcripts, financial aid, account information, and student payroll. Specialized network-based servers, such as electronic mail, access to Unix computational resources and various statistical libraries are also available, as well as, centralized data storage systems. These resources are available from local area networks and through dial-up facilities.

A Campus Wide Information System (CWIS) network-based Unix server provides specific information about services and resources available at SIUC. CWIS links research faculty and students to library resources, local, regional, and international information sources, specialized network-based servers such as electronic mail, directory services, access to Unix computational resources, and various statistical libraries. Data storage systems are also provided. These resources are available from local area networks and through dial-up facilities.

The Information Technology Computer Support Center (CSC) provides assistance for computing problems via their call desk (618-453-5155). Support is available to all SIUC students, staff, and faculty having problems with the computing hardware and software supported by Information Technology. For example, the center can help you open a computing account, get the software required to use e-mail and browse the World Wide Web, and get connected to the SIUC network and the Internet. For those problems that cannot be resolved over the telephone, service calls to staff and departmental offices on campus can be arranged. The CSC has partnered with the Library to provide faculty support in integrating technology into teaching/learning.

The academic and research needs of faculty and students are supported with a full range of compilers, statistical packages, graphics software, word processing, electronic mail, and network facilities. Computer services are available on-line to the University academic, research, and administrative communities 24 hours per day, 7 days a week.

Research and Service Centers

CENTER FOR ADVANCED FRICTION STUDIES

As a University-based center sponsored by the National Science Foundation, the State of Illinois and an industrial consortium, the Center for Advanced Friction Studies involves the education of undergraduate and graduate students in the science of friction materials and training through the research experience. Academic programs are structured to emphasize instruction in subject areas specific to friction materials. Many of the employees of the center and all of the associates are tenure-track members of academic departments. Central to the center’s mission is completion of research programs at a level satisfying the dissertation and thesis requirements of SIUC, and the presentation and publication of the results at learned meetings and in the technical journals.

The center personnel are required to develop courses in their specialization suitable for undergraduate and graduate students and to offer these courses to industry and government as short courses and seminars. Technology transfer from the center to industry and industry to the center are facilitated by personnel exchange and by utilizing remote interactive learning networks. Industrial representatives are brought to campus to assist research on both core (non-proprietary) and non-core proprietary projects.

Unique to the center is the focus of the research on areas of fundamental interest to the friction industry in the United States. In order to ensure that the results have the potential for providing insights into critical problems, an industrial board recommends the initial programs of research, reviews the results, and suggests the development work to be carried out in the technology transfer implementation programs. The governing industrial board is composed of one industry representative from each U.S. supporting company, as defined by the U.S. Department of Commerce.

CENTER FOR ALZHEIMER’S DISEASE AND RELATED DISORDERS

The School of Medicine’s center in Springfield has research projects that cover a wide range of basic and clinical studies relating to normal aging, Alzheimer’s disease, Parkinson’s disease, vascular dementia and gait disturbances in the elderly.

The web address is: <http://www.siumed.edu/neuro/cadrd.html>

CENTER FOR AUTISM SPECTRUM DISORDERS

The Center for Autism Disorders provides interdisciplinary training in clinical services and research pertaining to autism spectrum disorders to graduate students. It also serves as a referral site for the assessment and treatment of individuals with autism spectrum disorders and their families. In addition, the Center will serve as a resource for schools, rehabilitation facilities, and other human service organizations in the region. Among the disciplines affiliated in the Center are speech-language therapy, behavior analysis, psychology, audiology, special education, physician assistant, dental hygiene, and rehabilitation counseling.

The web address is: www.siu.edu/~rehabbat/Autism/

CENTER FOR ARCHAEOLOGICAL INVESTIGATIONS

The Center for Archaeological Investigations engages in research in the American Midwest and Southeast, Guatemala, Peru, and the western Pacific. Funding is provided by state and federal agencies, and private institutions. The Center also conducts archaeological research for firms and government agencies that are required to comply with environmental and antiquities laws. The Center conducts an annual field school with the Department of Anthropology and provides thesis/dissertation data and research opportunities for numerous students of archaeology. It also curates large collections, representing over 50 years of research in the American Midwest and Southwest.

The web address for the Center for Archaeological Investigations is <http://www.siu.edu/~cai>

CENTER FOR DEWEY STUDIES

The Center for Dewey Studies was established in 1961 as the “Dewey Project.” In the course of collecting and editing the works of John Dewey (1859–1952), the Center has amassed a wealth of source materials for the study of America’s quintessential philosopher-educator. By virtue of its publications and research, the Center has become the international focal point for research on Dewey’s life and work.

In 1990, the staff of the Center completed work on the monumental thirty-seven-volume edition of Dewey’s complete writings, *The Collected Works of John Dewey, 1882–1953*, published by the Southern Illinois University Press. Support for this project was provided by the National Endowment for the Humanities, an independent federal agency, as well as the John Dewey Foundation and individual donors. In 1996, the Center in cooperation with the InteLex Corporation, published an electronic edition of *The Collected Works*.

In 2005, the Center, in cooperation with the InteLex Corporation, published the final volume of *The Correspondence of John Dewey, 1871.1952*. This electronic edition, funded by the National Endowment for the Humanities, the John Dewey Foundation, and individual donors, makes available more than 20,000 items of John Dewey’s correspondence in an easily searchable database. Additional information about activities of the Center can be found at its website, <http://www.siu.edu/~deweyctr>

CENTER FOR ECOLOGY

The focus of the Center for Ecology is to provide an umbrella for ecological research, teaching, and training at SIUC. More than 30 faculty, staff, and students from several departments in the Colleges of Agricultural Sciences, Science and Liberal Arts participate in this interdisciplinary program. Independent, cooperative, and collaborative research conducted by the Center faculty takes advantage of the exceptional range of natural resources of the region across a variety of ecosystems in Illinois, throughout the United States, and around the world. The web address for the Center for Ecology is: <http://www.ecology.siu.edu/>

CENTER FOR ENVIRONMENTAL HEALTH AND SAFETY

This center is responsible for facilitating and monitoring assurances of university-wide compliance to policies and guidelines of the University, state agencies, Environmental Protection Agency, Nuclear Safety Agency, Occupational Safety and Health Administration, and National Institutes of Health, with respect to human health and safety. The center’s web address is <http://www.cehs.siu.edu>

CENTER OF EXCELLENCE FOR SOYBEAN RESEARCH, TEACHING AND OUTREACH

The focus of the Center of Excellence for Soybean Research, Teaching and Outreach is development of information and technologies, using an interdisciplinary approach, to enhance soybean production in Illinois and the North Central region, increase soybean utilization by the global community, contribute to the base of scientific knowledge, and educate human capital. More than 30 faculty at SIUC currently contribute directly to the interdisciplinary research, education and outreach programs on soybean as a crop. Biotechnology is utilized as a tool to enhance the plant breeding program. Research into utilization of soybean in food and feed has also become a major emphasis. Faculty in the College of Agricultural Sciences work cooperatively with faculty in the College of Science and the School of Medicine at SIUC, as well as other scientists throughout the nation to focus on the best expertise available for problem solving research on soybean. The web address is: www.siu.edu/~soybean

CENTER FOR INNOVATION (C41)

The purpose of the Center for Innovation (C41) is to promote interdisciplinary research, teaching, and service to the region through cooperation among the SIUC Colleges of Business and Administration, Engineering, Science, and Law. Development and commercialization of innovations require knowledge and expertise from areas represented by these colleges. By bringing the faculty and students of those colleges together for research projects, classes, and service, the center serves as a mechanism for educating students from multiple disciplines in commercialization of innovation, for developing research into innovation, and for regional economic development through promotion of innovation.

CENTER FOR INTEGRATED RESEARCH IN COGNITIVE AND NEURAL SCIENCES (CNS CENTER)

The Center for Integrated Research in Cognitive and Neural and Sciences (CNS Center) is an over-arching organization to focus and enhance the cross-disciplinary integration of scholarly research and educational

efforts in the cognitive and neural sciences on the SIU campus. The CNS Center provides 1) a concrete mechanism for the collaborative pursuit of new and exciting opportunities for innovative research that could not be accomplished by individual faculty alone, and 2) new educational benefits for undergraduate, graduate, and medical students, through systematic exposure to cross-disciplinary methods and research tools. CNS Center faculty conduct basic and applied research in the integrated neural and cognitive sciences, including investigation of cognitive and affective processes and behavior; molecular, cellular, and systemic neurosciences; and the application to real-world problems, such as substance abuse, medical/clinical disorders, and pre-kindergarten through grade 12 student learning and education. The CNS Center also provides cross-disciplinary professional training in the cognitive and neural sciences to undergraduate, graduate, and medical students to better prepare the workforce of tomorrow.

CENTER FOR RURAL HEALTH AND SOCIAL SERVICE DEVELOPMENT

The Center for Rural Health and Social Service Development enables faculty, staff, and students to work as partners with area health and social service agencies to address the rural health and social service problems of the region and the State. The center, based in SIUC's Office of Economic and Regional Development, develops grants and projects, conducts cooperative research efforts, needs assessments, demonstration projects, and program evaluations; designs and implements training programs; tests new models of health care delivery; and develops policy recommendations to improve the health of our rural population. It has received grants from many public and private agencies concerned with health and social service issues, including the Robert Wood Johnson Foundation, the Illinois Department of Public Health, and the Centers for Disease Control and Prevention. Current research priorities include rural medical care, safety and health promotion, and the needs of special populations (e.g., older adults, children, migrant seasonal farm workers). For more information, visit the center's website: <http://www.siu.edu/~crhssd/>

CENTER FOR RURAL SCHOOLS AND COMMUNITIES

The Center for Rural Schools and Communities serves as a catalyst for collaborative research and outreach with regional schools and community agencies. Center goals emphasize the following principles:

1. To seek and secure external funding to support the improvement of teaching and learning and human service delivery to rural schools and communities.
2. To foster and support interdisciplinary efforts to respond to complex societal issues like the achievement gap between student groups.
3. To foster and support research and service opportunities for faculty and both undergraduate and graduate students.

The Center for Rural Schools and Communities supports research on best practice for teaching and learning and delivery of human services to rural schools and communities.

CENTER FOR SYSTEMATIC BIOLOGY

This consortium of faculty in the Departments of Anthropology, Microbiology, Plant Biology, and Zoology facilitates graduate research in modern, interdisciplinary approaches to biological taxonomy. The center is dedicated to preparing graduates for professions dealing with scientific and societal issues stemming from the worldwide loss of biological diversity. Its training program emphasizes the development of expertise on specific taxonomic groups as well as skills in collections management, field methods, molecular techniques, and analytical-information technology. Faculty research areas include: primate evolution and paleontology; bacterial diversity in extreme environments; community sampling studies of microbial diversity; molecular and morphological systematics of land plants; regional biotic surveys; metazoan and molluscan phylogeny; systematics and biogeography of fishes; environmental monitoring of neotropical amphibians; avian and mammalian phylogenetics. Research conducted by center faculty and students takes advantage of modern collections, laboratory, and computing facilities on the SIUC campus. Many studies focus on the diverse biota of southern Illinois and surrounding areas, but faculty collaborations also involve major projects across the U.S. and around the world. For more information, contact Professor Susan Ford at sford@siu.edu

THE CENTER FOR WORKFORCE DEVELOPMENT

The Center for Workforce Development was established to create a research, education and training group that provides students and faculty with the opportunity to collaborate on research and development, education and training, and information and product dissemination. The objectives of the Center emphasize:

1. Research and Development—addressing the broad array of issues affecting the nature of the workforce and workplace settings.
2. Education and Training—addressing development and delivery of customized workforce education and training programs/courses in collaboration with agencies and organizations in the public and private sectors.
3. Information and Product Dissemination—addressing the need for dissemination of curriculum and instructional resources useful for promoting work-related education and training.

The Center for Workforce Development will serve as a broker in the exchange and sharing of information and higher education resources associated with the nature of the workplace and workforce. Further, the Center will act as a catalyst in bringing together leaders from business, research, education and government to interact and work together to formulate public policy associated with workforce development.

COAL RESEARCH CENTER

The Coal Research Center assists in the development and implementation of research education and service activities related to the extraction and utilization of coal. Established in 1974, the Center has worked to advance the application of new technologies in mining, power production and to identify new uses and markets for Illinois coal. Research relating to mine productivity, mine reclamation, mine subsidence, coal processing, coal characterization, clean coal technology, and environmental policy have been conducted at SIUC. Faculty and students from such diverse fields as engineering and technology, science, business, education, law, and agriculture have contributed to the University's international reputation in energy and environmental research.

Since 1990 it has managed the Illinois Coal Development Park at SIUC's Carterville Campus in cooperation with the Illinois Department of Commerce and Economic Opportunity. Efforts at the Coal Development Park have targeted technologies that promise near term commercial application by coal producers and users. Technologies developed here include coal processing, refining, gasification, and coal combustion by-product utilization.

The Center also operates a unique program that offers industry improved dragline safety and productivity. The Dragline Productivity Program offers computer-based instruction and hands-on simulator experience for operators and supervisors from mining operations around the world. The web address for the Coal Research Center is <http://www.crc.siu.edu>

The Center has supported the development and deployment of clean coal technologies. These activities are highlighted by the Clean Coal Review Board program, initiated January 2000 with a \$25 million grant from an electric utility company. This initiative has already assisted in the commercial application of several coal processes developed or tested at SIUC.

FISHERIES AND ILLINOIS AQUACULTURE CENTER

Graduate research in fisheries, aquaculture, and aquatic ecology is conducted through the Fisheries and Illinois Aquaculture Center. Graduate study in fisheries, culminating in the Master of Science or Doctor of Philosophy degree, is offered in the Department of Zoology. In addition to a wide variety of support courses, ten fisheries courses are taught. Research activities include studies in fish management, fish genetics, aquatic toxicology, and aquaculture. Emphases include warmwater, coolwater, and coldwater fishes native to Illinois. There are also opportunities to work with exotic species of fishes and shellfishes, both freshwater and marine, particularly through the international fisheries program. Some of the areas of research stressed are trophic ecology, water quality, large river ecology, pond culture, tank culture, polyculture, culture system development, nutrition, fish physiology, fish genetics, utilization of nursery areas, ecology of larval fishes, age and growth studies, introduction of hybrid fish species, utilization of power plant cooling lakes, population dynamics, and aquatic toxicology. Facilities in the Fisheries and Illinois Aquaculture Center include offices, well equipped laboratories, a computing faculty, aquarium rooms, culture ponds, a greenhouse for hydroponic and recirculating water system studies and an 8,300 square-foot wet-laboratory building and a 90-pond research/demonstration facility.

The web address for the Fisheries and Illinois Aquaculture Center is <http://fisheries.siu.edu>. Phone number: 618-536-7761.

GLOBAL MEDIA RESEARCH CENTER

The Global Media Research Center serves as an intellectual hub for research on international media involving the College of Mass Communication and Media Arts and University faculty and in partnership with colleagues and institutions around the world. Center-sponsored research produces a body of knowledge that expands and extends the critical dialogue surrounding issues of importance in global media studies.

The phrase "global media" designates not only the long-established profession of foreign news reporting, and international sales of television programs and recorded music. It also denotes the global advertising and public relations industries, world cinema, business telecommunications, and other worldwide applications of the internet, including those of arts, environmentalist, religious and other civic groups. Research in this field may address global media activities, engage in comparative media studies, investigate media responsibility and ethics, or explore the interface between media arts and research.

The Center builds upon SIUC's long tradition of international academic exchange and takes it a step further by conducting a strong and innovative research program directed to the dynamic, complex field of global media communication. The Center organizes seminar programs with outside speakers as well as campus presentations by faculty and graduate students, which help create a steady momentum and alertness to new and unfolding issues. The Center also hosts visiting scholars and artists, arranges exchange programs for faculty and students, and engages in grant-sponsored research initiatives.

THE MATERIALS TECHNOLOGY CENTER

The Materials Technology Center was established in 1983 as a result of a high-technology thrust by the state of Illinois. Charged with stimulating materials-related research on the campus of SIUC, the center accomplishes this mission through initiating interdisciplinary research in the colleges of engineering and science, conveying results to industrial partners and sponsoring international technical conferences and seminars. The center encourages research in new areas by administering a competitive grant program that funds start-up projects for faculty entering new areas of materials research and provides technical, administrative and financial support to start-up and established research programs.

A historical strength of the center has been research in the area of carbon-carbon composites. Regarded as a national leader in characterization and fabrication, the center has expanded its leadership and expertise in carbon science to include studies in areas such as fullerenes and development of carbon material precursors.

Research programs in electrorheological fluids, catalysis, magnetic materials, superconductivity, materials to reinforce civil engineering structures, polymeric matrix composites, chemical vapor infiltration and plasma induced deposition techniques represent the diverse nature of materials research supported by the center.

Under the guidance of established experts, students associated with MTC receive hands-on training and valuable experience. The total program of the center offers an opportunity for students at all levels of experience to train in the fields of materials science and engineering.

The web address for the Materials Technology Center is <http://mtc.engr.siu.edu/mtc/>

MEYERS INSTITUTE FOR INTERDISCIPLINARY RESEARCH IN ORGANIC AND MEDICINAL CHEMISTRY

The Meyers Institute, founded in 2000 through an endowment provided by Dr. Cal Y. Meyers, Distinguished Professor Emeritus, advances knowledge in fundamental and applied organic and medicinal chemistry. Institute personnel include members of the College of Science, College of Agricultural Sciences, and School of Medicine, among others. In conjunction mainly with the Department of Chemistry, undergraduate and graduate students and postdoctoral fellows are afforded stipends to participate in advanced research projects. As part of its activities, the Institute hosts annual symposia.

The Institute's web address is www.science.siu.edu/chemistry/mevers-institute

PONTIKES CENTER FOR MANAGEMENT OF INFORMATION

The Center in the College of Business and Administration was established in 1989 to advance practical and theoretical knowledge and learning in the management of information.

The Pontikes Center's mission is:

- To educate undergraduate and graduate students, computer industry professionals, and business managers on effective management of information.
- To rethink redesign, and reengineer the management of information.
- To bring together insights of the artistic, scientific, and professional disciplines in a coordinated program focusing on the advancement of practical and theoretical knowledge and learning in management of information by business and other organizations in a global economy.
- To focus the experience, commitments and capabilities of faculty who are now dealing with management of information in isolation in different departments and colleges to develop a globally reputed international program of research and instruction.

The Center will be an integral part of SIU's information technology thrust in creating the university of the future. The center's website address is <http://www.pontikes.siu.edu>

THE PAUL SIMON PUBLIC POLICY INSTITUTE

Former United States Senator Paul Simon of Illinois launched a public policy institute at Southern Illinois University Carbondale in January 1997 and served as its founding director until his death in December 2003. Mike Lawrence, who joined the institute July 1, 1997 as its associate director, became director in October 2004. Prior to joining the institute, Lawrence served as press secretary and senior adviser to Illinois Governor Jim Edgar. Lawrence also teaches courses in journalism and political science.

The institute acts on significant and controversial issues impacting the region, the state, the nation and the world. It is committed to developing and working to implement approaches that could bring concrete, positive results in tackling some of the most difficult challenges in the public policy arena. The institute focuses its efforts on fostering:

- Ethical conduct in government;
- Opportunity and fair treatment for citizens in America and throughout the world; and
- Promoting responsible citizenship for all Americans--but particularly for young Americans

The institute played a pivotal role in the enactment of the most substantial Illinois campaign finance reform in nearly 25 years, helped fashion recommendations from a bipartisan group of former United States Senators on how to assure the fiscal viability of the Social Security system, and spearheaded efforts to establish a dental clinic on campus for the underprivileged in southern Illinois. Major issues on the institute's agenda have included areas such as education, rural health care, foreign policy matters, poverty, and literacy.

The institute has enriched the academic environment of campus with its many symposiums, programs and speakers. Past speakers have included such figures as former First Lady Barbara Bush, former U.S. Senator

and 1972 Democratic Presidential candidate George McGovern, human rights activist Coretta Scott King and legendary CBS newsman Walter Cronkite.

Additional information on the institute can be found at www.siu.edu/~ppi

SAFETY CENTER

The Safety Center was established in 1960 and is affiliated with the Department of Health Education and Recreation. The center's research activities, carried out by faculty, staff, and graduate students, focus on injury prevention techniques, traffic safety, and to a lesser degree worksite health promotion. The center also offers training programs in motorcycle rider safety, emergency/evasive driving/protective services, and child and occupant safety protection; provides consulting services to business and agencies; holds short meetings, courses, seminars, and conferences on a wide range of injury prevention and health promotion topics; and acts as a repository of safety and health information. It is currently the home of the Southern Illinois Occupant Protection Safety Resource Center. Special resources include a new center building, multiple-vehicle driving facility, driving simulation system, enhanced training and instructional technology, and safety assessment equipment. The center's programming and research activity can be viewed at the Center's Web page, <http://www.siu.edu/~ritzel/safetycenter>

WILDLIFE RESEARCH LABORATORY

Since its founding in 1950, the laboratory has achieved a distinguished record training graduate students in basic and applied principles of vertebrate ecology and wildlife biology. It is a comprehensive program that is recognized as among the premier programs in the nation. Independent, cooperative, and collaborative research supported by industry, foundations, and state and federal agencies lead to better understanding and management of natural resources. The laboratory has pioneered in the reclamation and enhancement of mined lands for the benefit of various resources; and the current efforts provide unique research and training opportunities. Other areas of acknowledged laboratory expertise include the biology and ecology of game, endangered, and non-game wildlife; land use and the impact on wildlife resources; wildlife and environmental toxicology; waterfowl/wetland ecology and the epizootiology of zoonotic and other diseases in wildlife. More than 20 projects directed by laboratory staff currently afford graduate fellows and research assistants broad and varied research opportunities. These activities exceed \$500,000 each year in contracts and grants, resulting in significant contribution to academic needs of students and staff and requests for service by state, federal, and private agencies.

The web address for the Cooperative Wildlife Research Laboratory is <http://www.siu.edu/~wildlife/>

Research Support Facilities

The services of several centralized research support facilities are available to faculty, staff, and students at minimal cost. IMAGE (Integrated Microscopy and Graphics Expertise) provides training, technical service, and research in electron, atomic-force, and light microscopy. It also offers technical assistance to those in need of scientific photography or computer-graphics illustration as part of their research. The Nuclear Magnetic Resonance Facility houses two spectrometers: a Varian four-channel Inova 500 and a Varian dual-full band Inova 300 systems. The Mass Spectrometry Facility (housed within the Chemistry Department but available to researchers across campus) has a variety of spectrometers and offers elemental analysis using inductively coupled plasma atomic emission spectrometry and mass spectrometry. The Laboratory Animal Program, a fully accredited animal facility, is directed by a veterinarian with specialty training in laboratory animal medicine to ensure proper and humane care of research animals. The Central Research Shop designs and constructs laboratory equipment for special research requirements.

Office of Research Development and Administration

The Office of Research Development and Administration (ORDA) offers a number of services for faculty, staff, and students who wish to submit grant applications to funding agencies. Graduate students seeking funding for their research projects (dissertation support, research fellowships, travel grants, etc.) should start with ORDA's website (www.siu.edu/orda), which offers access to searchable grants databases (Community of Science), links to funding agencies, and much other grant-related material. ORDA offers grant-writing workshops for graduate students and publishes a printed and an electronic version of a brochure about seeking grant funding for graduate student research. For this and other information specific to graduate students, visit www.siu.edu/orda/student.

Many of the necessary forms and data required to complete grant proposals are easily available on the website; ORDA staff is available for assistance in proposal preparation. ORDA also works with faculty and student researchers in negotiating grant/contract award agreements, processing awards, and handling invention disclosures.

One of ORDA's responsibilities is to ensure that research conducted at SIUC complies with all applicable federal and funding-agency regulations. Funded or unfunded research that will involve any of the following must have institutional approval **before** the research project begins: human subjects (including administering questionnaires, conducting interviews, or accessing confidential databases), research animals, radiological materials, hazardous biological materials, recombinant DNA, or hazardous waste. Students should consult

ORDA (453-4533) or their graduate advisor for guidance. (See related information in section on Student Responsibility elsewhere in this chapter.)

Accreditations

The Graduate School, as a part of SIUC, is fully accredited by the Higher Learning Commission of the North Central Association of Colleges and Schools, 30 N. LaSalle St., Suite 2400, Chicago, IL 60602504, 312-263-0456 or 800-621-7440. Web address: www.ncahigherlearningcommission.org. Other accreditations and affiliations include:

AACSB International—The Association to the
Advance of Collegiate Schools of Business
777 So. Harbour Island Blvd., Suite 750
Tampa, FL 33602-5730
(813) 769-6526
www.aacsb.edu

Accreditation Board for Engineering and
Technology (TAC and EAC/ABET)
111 Market Place, Suite 1050
Baltimore, MD 21202-4012
(410) 347-7713
www.abet.org

Accreditation Review Commission on Education
for the Physician Assistant (ARC-PA)
12000 Findley Rd., Suite 240
Duluth, GA 30097
(770) 476-1224
www.arc-pa.org

Accrediting Council on Education in Journalism
and Mass Communication
School of Journalism
University of Kansas
1435 Jayhawk Blvd.
Lawrence, KS 66045
(785) 864-3973
www.ukans.edu/~acejmc

American Association of Museums
1575 Eye Street, Suite 400
Washington, DC 20005
(202) 289-9116
www.aam-us.org

American Bar Association
321 North Clark St.
Chicago, IL 60611
(312) 988-5617
www.abanet.org

American Chemical Society
1155 16th St., NW
Washington, DC 20036
(202) 872-4589
www.chemistry.org

American Psychological Association
Committee on Accreditation
Office of Program Consultation and Accreditation
750 First St., N.E.
Washington, D.C. 20002-4242
(202) 336-5979
www.apa.org/ed/accreditation

American Speech-Language-Hearing Association,
Council on Academic Accreditation in Audiology and
Speech-Language Pathology
10801 Rockville Pike
Rockville, MD 20852
(301) 897-5700 or (800) 498-2071
www.asha.org

Association of American Law Schools
1201 Connecticut Ave., N.W.,
Suite 800
Washington, DC 20036-2605
(202) 296-8851
www.aals.org

Association for Assessment and Accreditation of
Laboratory Animal Care International
11300 Rockville Pike, Suite 1211
Rockville, MD 20852-3035
(301) 231-5353
www.aaalac.org

Association for Behavior Analysis (ABA)
1219 South Park St.
Kalamazoo, MI 49001
(269) 492-9310
www.abainternational.org

Commission on Accreditation of Allied Health
Education Programs
35 East Wacker Drive, Suite 1970
Chicago, IL 60601-2208
(312) 553-9355
www.caahep.org

Commission on Accreditation of Rehabilitation
Facilities
4891 East Grant Road
Tucson, AZ 85712
(520) 325-1044 or (888) 281-6531
www.carf.org

Council on Academic Accreditation in Audiology
and Speech-Language Pathology
10801 Rockville Pike
Rockville, MD 20852
(301) 897-5700 or (800) 498-2071
www.asha.org

Council for Accreditation of Counseling and
Related Educational Programs (CACREP)
5999 Stevenson Ave.
Alexandria, VA 22304
(703) 823-9800 ext. 301
www.cacrep.org

Council on Rehabilitation Education (CORE)
(Rehabilitation Counseling Program)
300 N. Martingale Rd., Suite 460
Schaumburg, IL 60173
(847) 394-1785
www.core-rehab.org

Council on Social Work Education
1725 Duke St., Suite 500
Alexandria, VA 22314-3457
(703) 683-8080
www.cswe.org

Educational Leadership Constituent Council
1801 N. Monroe St.
Arlington, VA 22019-1813
(703) 860-7207
www.npbea.org

Illinois Alcohol and Other Drug Abuse
Professional Certification Association, Inc.
401 E. Sangamon Ave.
Springfield, IL 62702
(217) 698-8110
www.IAODAPCA.org

Illinois State Board of Education
100 North First Street
Springfield, IL 62777-0001
(217) 782-4330
www.isbe.state.il.us

International Association of Counseling Services
101 S. Whiting Street, Suite 211
Alexandria, VA 22304
(703) 823-9840
www.iacsinc.org

Liaison Committee on Medical Education
(LCME) American Medical Association (AMA)
LCME Secretariat
515 North State Street
Chicago, IL 60610
(312) 464-4933
www.lcme.org

National Association for the Education of Young
Children (NAEYC)
1509 16th St., N.W.
Washington, DC 20036-1426
(800) 424-2460 ext. 11360
www.naeyc.org

National Association of Schools of Art and Design
11250 Roger Bacon Dr., Suite 21
Reston, VA 20190
(703) 437-0700 ext. 10
www.arts-accredit.org

National Association of Schools of Music
11250 Roger Bacon Dr., Suite 21
Reston, VA 20190
(703) 437-0700 ext. 10
www.arts-accredit.org

National Association of Schools of Public Affairs and
Administration
1120 G. Street, N. W., Suite 730
Washington, DC 20005
(202) 628-8965
www.naspaa.org

National Association of Schools of Theatre
11250 Roger Bacon Dr., Suite 21
Reston, VA 20190
(703) 437-0700 ext. 10
www.arts-accredit.org

National Council for Accreditation of Teacher
Education (NCATE)
2010 Massachusetts Ave., N.W.,
Suite 500
Washington, D.C. 20036-1023
(202) 466-7496
www.ncate.org

National Recreation and Park Association (National
Accreditation Council)
22377 Belmont Ridge Road
Ashburn, VA 20148
(703) 858-0707
www.nrpa.org

Society of American Foresters
5400 Grosvenor Lane
Bethesda, MD 20814-2198
(301) 897-8720 ext. 123
www.safnet.org

Associations

CENTER FOR ADVANCED RADIATION SOURCES

The University is a member of the Center for Advanced Radiation Sources (CARS), a research consortium composed of Northern Illinois University, the University of Chicago, and Southern Illinois University Carbondale. Membership with CARS provides access to the facilities being developed at the Advanced Photon Source sited in Illinois and facilities at other federal laboratories.

COUNCIL OF GRADUATE SCHOOLS OF THE UNITED STATES AND CANADA

The University is a regular member of the Council of Graduate Schools (CGS) of the United States and Canada. CGS was established to provide graduate schools with both a comprehensive and widely representative organization through which they can counsel and act together. Web address: www.cgsnet.org.

COUNCIL ON RESEARCH POLICY AND GRADUATE EDUCATION (CRPGE) IN THE NATIONAL ASSOCIATION OF STATE UNIVERSITIES AND LAND GRANT COLLEGES (NASULGC)

The Graduate School is an active member of this major research and graduate educational council of the largest association of public research universities in the United States. Web address: www.nasulgc.org.

NATIONAL COUNCIL OF UNIVERSITY RESEARCH ADMINISTRATORS

The National Council of University Research Administrators (NCURA) is an association of individuals involved in the administration of sponsored programs (research, education, and training) primarily at colleges and universities.

OAK RIDGE ASSOCIATED UNIVERSITIES

Since 1980, students and faculty of Southern Illinois University Carbondale have benefited from its membership in Oak Ridge Associated Universities (ORAU). ORAU is a consortium of 91 colleges and universities and a contractor for the U.S. Department of Energy (DOE) located in Oak Ridge, Tennessee. ORAU works with its member institutions to help their students and faculty gain access to federal research facilities throughout the country; to keep its members informed about opportunities for fellowship, scholarship, and research appointments; and to organize research alliances among its members.

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

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

For more information about ORAU and its programs, contact John A. Koropchak, Vice Chancellor for Research and Graduate Dean, ORAU Councilor for Southern Illinois University Carbondale, at 618-453-4526; Monnie E. Champion, ORAU Corporate Secretary, at 865-576-3306; or the ORAU Home Page at <http://www.orau.gov>.

ORGANIZATION FOR TROPICAL STUDIES

Southern Illinois University Carbondale is an institutional member of the Organization for Tropical Studies (OTS), a non-profit corporation organized for the purpose of establishing, fostering, supporting and conducting programs in education and research relating to the tropics; to establish, maintain, and operate facilities for these purposes; to publish the results of education and research; and to carry out other activities relating to the advancement of education and research in the tropics. Since its founding in 1963, OTS has become a significant force on the international scene, and it functions as a catalytic agent within Costa Rica and the U.S. scientific community. OTS continues to expand programming into environmental education and other areas where sound ecological knowledge can be used to address societal problems. OTS is the oldest consortium of U.S. universities dealing with tropical biology. It includes over 50 major institutions.

SOCIETY FOR RESEARCH ADMINISTRATORS

The University is a member of the Society for Research Administrators (SRA). Its membership includes administrators in industry, colleges and universities, non-profit research organizations, hospitals, and government agencies. SRA is the premier international organization for research administrators.