

# University Research and Services

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All of the university's colleges and schools maintain well-equipped laboratories and special facilities in support of instruction and research.

Relics of the past, samples of the present and specimens that may unlock secrets in the future are maintained in the several scientific collections and museums on the Reno campus, primarily in the fields of agriculture, biology and the earth sciences.

The university also operates the Little Valley outdoor laboratory, a gift from Captain George Whittell, which is located in the Sierra Nevada. The tract of land spans approximately four square miles of natural meadow and forest, and is used for the study of both basic and applied problems in the natural sciences.

In addition, a number of public service and research organizations, including federal and state agencies, are located at the university and are operated in cooperation with, or as part of, the university's programs and facilities.

## Nevada System of Higher Education

### COMPUTING SERVICES

System Computing Services (SCS) aids all divisions of the Nevada System of Higher Education, providing computing support for their instructional, research and administrative objectives.

Physical facilities consist of regional centers in Reno and Las Vegas. SCS provides computing platforms for administrative processing; mail, news and Internet access; and a variety of instructional, academic and research software. Additional computing resources are provided by the university's Information Technology division and by campus colleges and departments. All campus buildings are connected to the Campus Cable Network, which provides access to the statewide NevadaNet and to national/international networks via the Internet. For further information, call (775) 784-4357.

### UNIVERSITY OF NEVADA PRESS

The University of Nevada Press is a publisher of scholarly books, serious fiction and nonfiction. Established by the Board of Regents in 1961, the press, which has offices in both Reno, is a public service division of the Nevada System of Higher Education. Its purpose is to make a contribution to the state and to the international scholarly community by publishing books dealing with history, government, natural resources, women's studies, literature, ethnic groups and environmental studies, especially as these topics pertain to Nevada and the American West.

In addition to publishing books of general interest, the press issues several distinguished series of books, including: the Basque Book Series, devoted to the study of Basque culture, history and politics in America and Europe; the Wilbur S. Shepperson Series in Nevada History, analytical studies of important topics in the history, culture and politics of the state; the Western Literature Series, which includes critical studies of significant regional books and authors; the Gambling Series, addressing the social and economic importance of the changing role of gambling in society; and the Urban West Series, examining the development of cities in the Western United States.

Decisions on manuscript publication are made by the Press Editorial Advisory Board, consisting of faculty members from the University of Nevada, Reno, the University of Nevada, Las Vegas, the Desert Research Institute and the community colleges. Approximately 20 new titles are published each year.

Located in the basement of Morrill Hall Alumni Center at the University of Nevada, Reno, the Press is open during regular business hours (8 a.m. to 5 p.m., Monday through Friday). For more information, consult the Press's website ([www.unpress.nevada.edu](http://www.unpress.nevada.edu)) or call (775) 784-6573.

## University of Nevada, Reno Academic Services

### INFORMATION TECHNOLOGY

The departments in the Information Technology (IT) division offer support for computing, networking, and educational technologies for the campus. IT units are dedicated to assisting the technology needs of faculty and students in the classroom, in research and in public services.

IT assists the university community in the following areas:

#### Computing and Telecommunications

Computing & Telecommunications (CTC) provides support for computing, software, and voice communications services to students, faculty, and staff across campus. CTC staff members provide direct support to colleges and departments for local computer servers and personal computers. Staff at the Research & Computing Help Desk, located in the atrium of the Mathewson-IGT Knowledge Center, assist students, staff and faculty with NetIDs and computing questions. CTC operates several open general-access computer labs for students. For additional information, call (775) 682-5000 or see [www.it.unr.edu](http://www.it.unr.edu).

#### Teaching and Learning Technologies

Teaching & Learning Technologies (TLT) provides the technology and human resources needed to support faculty and students with interactive and collaborative learning and teaching models. TLT offers a variety of multimedia services and technology support including:

- Smart classrooms and technical support
- Technology support for special events
- Technology checkout and delivery services
- WebCampus course administration and faculty support
- Workshops in the effective use of instructional technologies
- Classroom videotaping services
- Photographic services
- Video production services
- Interactive media services (2D & 3D modeling & animation, graphic design)

Contact TLT for additional information at (775) 784-6085 or see [www.it.unr.edu/tlt/](http://www.it.unr.edu/tlt/).

### INTENSIVE ENGLISH LANGUAGE CENTER

#### Intensive English Program

The Intensive English Program at the Intensive English Language Center (IELC) offers English as a Second Language (ESL) training to international students who are preparing to qualify for admission to U.S. universities and community colleges. Most of the students who study at the IELC transfer to the University of Nevada, Reno upon completion of their ESL studies. Students not preparing for university work, but wishing to study ESL for general purposes, are invited to apply.

This full-time (20 hours per week) intensive language program is offered year-round (spring, summer and fall) and is open to all applicants who are at least 17 years of age and have the equivalent of a high school diploma. In addition to intensive English classes, students participate in a wide variety of social and cultural activities designed to facilitate assimilation into American society.

Students may study English at the IELC on a student visa.

Students who wish to pursue a degree program after completing their English classes in the IELC may apply for admission to an academic department after arrival at the IELC or they may apply simultaneously to the IELC and an academic program. Students who meet admission standards to an academic program except for the English requirement are issued conditional admission to the appropriate academic program as a part of their admission to the IELC.

Students are expected to make adequate progress in the program each semester and the IELC reserves the right to dismiss students who do not attend classes regularly or follow the standards of conduct of the program.

### Short-term Programs

The IELC designs and implements short-term programs for groups of students wishing to study English for a short period of time. These programs can be designed in conjunction with an academic area of study.

### Bridge English Courses (English 112 a-d)

In addition to administering the intensive English program, the IELC tests all incoming international students to determine if they need additional course work in ESL during their first semester in an academic program.

For further information, contact the program director, 220 Cain Hall. Phone: (775) 784-6075; FAX: (775) 784-4015; e-mail: [ielc@unr.nevada.edu](mailto:ielc@unr.nevada.edu); or visit us on our website: <http://www.unr.edu/ielc>.

### OFFICE OF UNDERGRADUATE RESEARCH

Activities of Office of Undergraduate Research include expanding and publicizing undergraduate research opportunities, holding competitions, managing undergraduate research awards funded by internal and external sources, holding various enrichment workshops i.e. How to Prepare a Research Poster; Ethics in Research, and How to Conduct Research, maintaining the website for the office, organizing poster sessions and the annual statewide Nevada Undergraduate Research Symposium (NURS). For more information on undergraduate research opportunities at UNR go to <http://www.unr.edu/undergraduateresearch/>

### Center for Research Design & Analysis (CRDA)

The Center for Research Design and Analysis (CRDA) is an academically-based, multidisciplinary one stop research support and service center under the Office of the Vice President for Research at the University of Nevada, Reno (UNR).

CRDA houses its own statistical consulting lab ("Stat Lab") and survey lab, with a staff of approximately 40. CRDA's staff includes: a Director, an Associate Director, a Research Assistant Professor, Faculty Research Design and Statistical Consultants, an IT Manager, Survey Managers, classified state employees, and graduate and undergraduate students. CRDA utilizes a wide range of data collection techniques for telephone, mail, and internet surveys. The Center's experienced staff, faculty and graduate student consultants provide consulting expertise in survey design, construction and analysis needs assessment, program evaluation, psychometrics, univariate and multivariate statistical analysis, research design, sampling, and mathematical modeling. CRDA not only provides free statistical and research design consulting to faculty and graduate students working on their dissertations or theses, but CRDA also offers many research resources. Furthermore, CRDA also offers assistance in grant proposal writing and help with budget preparation to OSPA if services involve work to be conducted by CRDA, and training in Statistical methods Workshops and Training.

In the past, CRDA has conducted program evaluations, needs assessments, satisfaction surveys, public opinion research, and surveillance research for the Centers for Disease Control and Prevention (CDC), Nevada State Health Division, Nevada Department of Employment, Training, and Rehabilitation (DETR), Nevada Department of Transportation (NDOT), Nevada Department of Public Safety (Office of Traffic Safety), Airport Authority of

Washoe County, City Council of Reno, Bureau of Alcohol and Drug Abuse, State Bar of Nevada, and SPCA of Northern Nevada, to name just a few.

Other resources CRDA has to offer are: SPSS, SAS, S-Plus 6, minitab, WinCATI and CASES for telephone survey data collection, Teleform for scanning bulk mail or paper and pencil surveys or for coding archival records (e.g., medical charts or court files), Web based survey software including multi-mode (phone and web), HLM for hierarchical linear modeling, structural equation modeling software, text analysis software, data mining software, and statistical consulting, content analysis, data analysis, and report writing. UNR grad students, and faculty are encouraged to contact CRDA at <http://www.crda.unr.edu> or call (775) 784-6718 for all research design, STAT software (SAS, SPSS, Minitab etc.) and survey consulting needs.

### UNIVERSITY OF NEVADA COOPERATIVE EXTENSION

UNCE was founded in 1914 through the Smith-Lever Act as a partnership between the federal government, land-grant universities and county governments. Today, this partnership agreement is still intact, with additional funding provided through grants, contracts and gifts to expand program offerings.

Cooperative Extension's mission is to "discover, develop, disseminate, preserve and use knowledge to strengthen the social, economic and environmental well being of people." Campus-based and community-based faculty work cooperatively with local leaders, volunteers and organizations to identify needs, establish priorities, design and implement educational efforts, and evaluate program outcomes and impacts. Applied research is conducted to gain new knowledge, solve practical problems and meet specific community needs. Journal articles, peer-reviewed curriculum guides and other publications are the result of programming and research efforts. These publications, as well as program and impact information, can be accessed at: <http://www.unce.unr.edu>

UNCE's 19 individual offices throughout the state serve as local campuses of the University of Nevada, providing citizens with information about university programs. Because Cooperative Extension's more than 200 personnel live and work in these communities, UNCE is well positioned to bring community needs to the attention of university personnel who can help solve local problems. The issues have changed over the years, but the need to extend university research out to the state remains constant. Just as it did nearly 100 years ago, UNCE still helps farmers and ranchers with management of water resources, control of noxious weeds and resolution of public-land disputes. But Extension now also helps strengthen families, foster a healthy environment and enable people and communities to prosper. In this way, UNCE serves as a "gateway" linking university resources to meet the needs of communities throughout Nevada. It develops educational programs through public presentations, workshops, demonstrations, publications, the Internet, interactive video and satellite broadcast technologies, delivering knowledge directly to Nevadans' homes and communities. By "bringing the university" to all Nevadans to foster their lifelong learning, UNCE helps fulfill the institution's land-grant mission.

### UNIVERSITY LIBRARIES

The University of Nevada, Reno libraries serve as the primary center for information resources and services in support of learning and research at the University of Nevada, Reno.

The University Libraries are housed in the Mathewson-IGT Knowledge Center (humanities, social sciences, life sciences, general resources) and the DeLaMare Library (engineering, geosciences, physical sciences, maps). The Mathewson-IGT Knowledge Center combines the best of traditional library resources with new digital and multimedia technologies. This pioneering information environment is designed to nurture creativity and stimulate intellectual inquiry.

The University Libraries' collections include over 1 million volumes of printed materials, extensive multimedia collections, thousands of journals and books in electronic format, and primary research materials in Special Collections, University Archives and the Basque Library.

Services in the Mathewson-IGT Knowledge Center include:

- @One – general purpose computing lab with advanced software, technologies, and expert staff to help students with technology projects
- DataWorks Analysis and Visualization Lab
- Dynamic Media Lab (video post-production support)
- Research & Computing Help Desk
- Group study rooms, conference rooms, classrooms, auditorium
- Bytes Café

For additional information, call (775) 784-4636 or see [www.knowledgecenter.unr.edu](http://www.knowledgecenter.unr.edu).

### KUNR-FM PUBLIC RADIO

As Reno's longtime, local public radio station, KUNR is non-commercial and listener-supported, providing northern Nevada and northeastern California with a stimulating and diverse mix of news, information, thought-provoking discussion and perspectives, plus cultural, entertainment and music programming. KUNR is a self-supporting entity whose primary revenues come from listener contributions, business underwriting of programs and grants. The station has broadcast from the University of Nevada, Reno, campus since 1963, and is licensed to the Nevada System of Higher Education. KUNR's engaging blend of public radio is heard 24 hours a day throughout a vast area of northern Nevada and northeastern California — as far north as Susanville, as far south as Bishop, and east-west from Truckee to Elko. Covering more than 106,000 square miles, KUNR has one of the largest service areas in the U.S., made possible by 14 translators in rural areas and its sister station, KNCC, in Elko. An estimated 40,000 listeners tune in weekly.

### GOVERNMENTAL RELATIONS

The university maintains several governmental relations programs. These programs involve state and national executive and legislative bodies and are substantially assisted by community-based groups.

Program activities are designed to support the legislative efforts of the university president and the Board of Regents, who attempt to enhance funding and support for the university's research and instructional programs. The office also coordinates the Legislative Relations Steering Committees for the president, community and faculty.

## Service and Research Within the Colleges

### NEVADA AGRICULTURAL EXPERIMENT STATION

The experiment station has been in continuous operation at the university since its establishment in 1888. The passage of the Hatch Act of 1887 and succeeding state legislation provided for the organization of the station.

The majority of the faculty working at the experiment station have joint responsibility with cooperative extension or resident academic programs in the College of Agriculture, Biotechnology and Natural Resources, Division of Health Sciences, College of Cooperative Extension or the School of Medicine.

Federal funds are appropriated under the Hatch Act to promote high-quality research activities on agricultural and natural resource issues that are important to the state, the West and the nation. McIntire-Stennis Act allocations promote research for the development, protection and efficient utilization of resources from the nation's forests and rangelands. Animal health allocations are directed toward solving and understanding the health problems of livestock. Research emphasis at the Nevada Agricultural Experiment Station is consistent with the themes of the university's 21st century plan. A summary of the citizens' needs assessment includes the following areas of emphasis: making Nevadans healthier, developing and sustaining productive youths and families, developing and sustaining productive communities, improving water availability, allocation and quality, and resolving natural resource values.

Research is conducted in the laboratories of the Max C. Fleischmann College of Agriculture, Howard Medical Sciences and the Division of Health Sciences facilities on the campus of the University of Nevada, Reno. Four field laboratory sites are also used for research, including:

the Animal Research and Extension Center in Reno, the Valley Road facility in Reno, the Newlands facility in Fallon and Gund Ranch in Beowawe.

## COLLEGE OF BUSINESS ADMINISTRATION

### Advisement Center

The Advising Center provides academic information for pre-business, undergraduate and graduate students in the College of Business. The Advising Center helps students to choose coursework to meet degree requirements, define their academic goals and select a major field of study relating to their interests and abilities. For further information, call the center at (775) 784-4912 or visit the website at <http://www.business.unr.edu/>.

### Center for Corporate Governance and Business Ethics

The Center for Corporate Governance and Business Ethics was initiated in 2006. The center is a multidisciplinary entity, using a project-oriented structure to fulfill three primary purposes:

1. To pursue and promote theoretical and applied interdisciplinary research on the structure and organization of corporate management to further understanding of designing and implementing optimal corporate governance mechanisms.
2. To pursue an outreach function by offering training and support to local organizations concerning the design and implementation of effective governance mechanisms that provide a sound ethical foundation.
3. To support, through collaboration, the integration of the various efforts related to business ethics and corporate governance teaching and research which are currently fragmented across various departments in the college.

### Center for Logistics Management

The mission of the Center for Logistics Management at the University of Nevada is to:

Objectives

- Create and disseminate new knowledge in logistics and supply chain management
- Educate students and practitioners in logistics excellence
- Contribute to the effective practice of logistics and supply chain management

Logistics professionals from Northern Nevada and the University of Nevada have created a strong partnership in a premier warehousing and distribution location in the western United States. With excellence as the objective, this combination of businessmen and educators have established the Center for Logistics Management to provide classroom study and hands-on training in distribution, manufacturing, warehousing, purchasing and marketing.

The Center for Logistics Management was founded in 1988.

### Center for Regional Studies

The Center for Regional Studies enhances the academic mission of the university by fostering a greater understanding of regional planning and cooperation. It serves as a focal point for bringing interdisciplinary university resources together to assist communities in planning, budgeting, policy making, and fiscal management. The Center encourages the development of new knowledge about the effects of regional policies on business and other organizations. The Center provides regional economic development analysis, research, teaching and outreach services. These services incorporate the use of technology to create and disseminate knowledge about key issues of interest to regional decision-makers. The Director of the Center reports to the Dean of the College of Business Administration.

### Office of Career Connections and Alumni Relations

The College of Business Office of Career Connections & Alumni Relations offers students and alumni of the college assistance in career awareness, exploration, internships and employment opportunities during and after their academic careers. Students and alumni can get advice about the job search process including cover letters, resumes, interviewing, networking, business etiquette and

career opportunities.

The office works with employers to achieve close matches between each company's needs and student opportunities. Career Connections assists companies in "getting the word out" about positions currently open to business majors through email notifications and posting on the online job board, Career Navigator website located at [www.unr.edu/cn](http://www.unr.edu/cn).

During the fall and spring semesters, the Office of Career Connections schedules on-campus recruiting visits and interviews as well as a university wide Career & Internship Fair. The office schedules special events in order to provide opportunities for business student candidates and prospective employers to meet.

The office also serves as the point of contact for alumni interested in being a member of or active in the College of Business Alumni Association.

For further information, call (775) 682-9144 or access the Career Connections website at <http://www.business.unr.edu/career/>

### **Natural Resource Industry Institute**

The Natural Resource Industry Institute was founded in 1994 with a mission of providing service and outreach to natural resources industries primarily in Nevada but also in other parts of the world. In Nevada and elsewhere, the primary focus is with the minerals industry. The Institute has offered workshops for industry professionals and government officials on issues ranging from accounting practices to taxation and public policy. It has also conducted research for industry and government on public policy issues affecting natural resource industries

### **Nevada Small Business Development Center/Bureau of Business and Economic Research**

Both the Nevada Small Business Development Center (NSBDC) and the Bureau of Business and Economic Research (BBER) are part of the College of Business at the University of Nevada, Reno.

The NSBDC is a cooperative agreement between the university and the U.S. Small Business Administration. It assists existing and new small business enterprises throughout the state, helping them plan their growth potential as well as the development and maintenance of professional management skills. NSBDC's programs are available, free of charge, in offices administered at the following locations: the University of Nevada, Reno; Sierra Pacific Power Company; the Las Vegas Chamber of Commerce; University of Nevada, Las Vegas; Great Basin College in Elko; the Tri-County Development Authority; Carson City Chamber of Commerce; Carson Valley Chamber of Commerce; and the Churchill County Economic Development Authority.

The BBER is the official research unit of the College of Business. Founded in 1956, the bureau is mandated and partially funded by the state legislature. It provides a broad array of research services and consulting for local, state, and national business and government communities.

Regular SBDC and bureau publications include the *Nevada Economic Summary*, *Starting a Small Business in Nevada*, and *Financing a Small Business in Nevada and Metro Business Activity (MBA) Report*, among others.

The SBDC maintains extensive data bases and other information that can be customized to serve the needs of researchers and others who need up-to-date information about the region, state or nation.

### **The Institute for the Study of Gambling and Commercial Gaming**

The Institute for the Study of Gambling and Commercial Gaming is a world-renowned center for gambling research, information, and education. Founded in 1989, its mission is to stimulate research and educational efforts related to the commercial gaming industries, as well as the economic, business, social and political effects of gambling on society. The Institute is involved in the coordination of international conferences, publishes books, provides and participates in public forums for the discussion of public policy toward gambling, and coordinates the Gaming Management minor for the College of Business. The Institute, along with Extended Studies, co-sponsors the Executive Development Program for senior level gaming

executives from around the world. This program is considered to be the premier educational event for gaming executives.

## **COLLEGE OF EDUCATION**

### **Research and Educational Planning Center**

The Research and Educational Planning Center (REPC) is the research arm of the College of Education and conducts sponsored research, development and training projects of state and national significance in education and related social science areas. The REPC is involved in field-based educational research, development, evaluation, staff and faculty development, and technical assistance. The center works directly with Nevada educators, Nevada school districts and the Nevada Department of Education and provides consultation and technical services to Nevada service agencies and to university faculty.

The Nevada University Center for Excellence in Developmental Disabilities (UCED) is also housed in the REPC. The mission of this statewide program is to assist Nevadans with developmental disabilities in becoming productive and independent citizens who are fully integrated into their communities. The Nevada UCED provides information on developmental disabilities and service options, multidisciplinary training, model exemplary services, technical assistance and relevant research and evaluation studies.

## **COLLEGE OF ENGINEERING**

### **Center for Civil Engineering Earthquake Research**

The mission of the Center for Civil Engineering Earthquake Research (CCEER), housed in the Department of Civil and Environmental Engineering in the College of Engineering, is to conduct research and outreach activities for the benefit of the professional earthquake engineering community and the public. The Center provides an organizational structure for conducting earthquake engineering research and develops and conducts short courses and seminars. The Center publishes the results of its research in a series of technical reports. Principal research laboratories under the umbrella of the Center include the Advanced Geotechnical Engineering Laboratory and the Large-Scale Structures Laboratory, which is a member of the NSF-funded Network for Earthquake Engineering Simulation and a NEES Equipment Site.

### **Nevada Transportation Technology Transfer (T<sup>2</sup>) Center**

The Nevada T<sup>2</sup> Center in the Civil Engineering Department provides training and technical assistance to transportation personnel to help them build and maintain better, safer and more cost effective transportation facilities. The main priority of the center is its training workshops offered throughout the state. Workshop topics range from pavement design and snow and ice removal to tort liability and communication skills.

### **Renewable Energy Center**

The University of Nevada, Reno Renewable Energy Center coordinates all research, teaching and technology development in the areas of renewable and clean energy. The major areas of research at UNR involve solar, hydrogen, biomass, power-grid, geothermal and wind energy. The University has made impressive inroads in renewable energy curriculum with the addition of a Renewable Energy Minor in 2007 and a new Renewable Energy Emphasis in Electrical/Biomedical Engineering.

The new collaborative effort promises to create even more educational synergy through the coordinated efforts of faculty in four colleges within the University: the College of Agriculture, Biotechnology and Natural Resources; the College of Business; the College of Engineering; and the College of Science. Activities will be overseen by the deans of the various participating colleges, and will also included working groups in key areas such as hydrogen, biomass, geothermal, solar energy, power grid and curriculum, with an additional group focused on business, public policy, outreach and education.

### Western Regional Superpave Center

The Western Regional Superpave Center (WRSC) in the Civil & Environmental Engineering Department is one of five centers established by the Federal Highway Administration to promote the implementation of superpave technology (<http://www.wrsc.unr.edu>). The WRSC conducts national and regional research into pavement materials, design, performance, and rehabilitation. The research activities of WRSC are funded by federal and state agencies and private industry. The WRSC research activities are conducted by full-time researchers and graduate students at both the Master and Doctoral levels.

### EXTENDED STUDIES

#### Osher Lifelong Learning Institute

The Osher Lifelong Learning Institute (OLLI) at the University of Nevada, Reno is a member-directed organization sponsored by Extended Studies that offers short-term educational experiences for adults 50 and older in northern Nevada. OLLI seeks to foster intellectual stimulation, new interests and personal development through academic pursuits, and to provide a community in which to gather, get acquainted and socialize.

For more information about membership, courses offered and scholarships, call and OLLI volunteer at (775) 784-8053, email [olli@unr.edu](mailto:olli@unr.edu) or visit <http://www.olli.unr.edu>.

#### Nevada Humanities Committee

The Nevada Humanities Committee exists to enrich the lives of all Nevadans through the humanities. The humanities brings people together so that they may learn from each other, and explore and celebrate the cultures of our state and our world.

An independent, nonprofit organization based and governed in Nevada, the Nevada Humanities Committee works in partnership with individuals and organizations to develop and fund humanities activities such as public discussions, lectures, exhibits, publications, historic performance, and documentary films. The humanities include history, philosophy, literature, languages, anthropology, comparative religion, and the history, criticism, and theory of the arts.

### DIVISION OF HEALTH SCIENCES

#### Center for the Application of Substance Abuse Technologies (CASAT)

CASAT is a grant and contract funded center with a primary mission to improve the quality of alcohol and other drug prevention, intervention, treatment and recovery services by assisting states, community-based organizations and individuals to apply evidence-based practices. All of our grants and contracts support this mission.

To achieve CASAT's mission, university courses and programs have been developed at both the undergraduate and graduate levels to develop a workforce with competence to deliver high quality substance abuse prevention and addiction treatment services. In addition, CASAT provides numerous continuing education opportunities to improve the knowledge and skills of the existing workforce. These training opportunities are not only relevant for those professionals who are directly involved in prevention or treatment, but for those who see clients with substance use issues (e.g. health providers, social workers, criminal justice professionals and counselors). In order to reach the broadest audience, CASAT provides training through traditional, as well as electronic methods, such as online and CD-ROM.

In addition to training, CASAT develops curricula, provides technical assistance, organizes conferences, and disseminates federal materials to states, communities and individuals.

CASAT's grants and contracts involve 11 Western states and six Pacific Jurisdictions. The staff is dispersed throughout the region but the primary office is at the University of Nevada, Reno. Funding for most CASAT grants comes from the Substance Abuse and Mental Health Services Administration in the Department of Health and Human Services. In addition, CASAT maintains a close working relationship with the Nevada Bureau of Alcohol and Drug Abuse.

### Child and Family Research Center

The Child & Family Research Center provides a learning laboratory which supports the education and training of students in the Department of Human Development and Family Studies and other units on campus. The center also serves as a research site for investigations that focus on particular aspects of infancy, toddlerhood, preschool or family development. The Child and Family Research Center was the first early childhood program in the state to be accredited by the National Academy of Early Childhood Programs and has long served as a model for best practices in northern Nevada.

Support for quality improvement in early childhood programs is an important piece of the Child and Family Research Center mission. Programs in the center that focus on capacity building and quality include Campus Child Care Connections, the Family Care Contract Network, the Early Childhood Resource Library, and Early Head Start.

Campus Child Care Connections provides information about choosing quality child care and assists campus families in finding care. The Family Care Contract Network provides training, technical assistance and support to 24 family child care providers and is the only such network in Northern Nevada. The Early Childhood Resource Library contains developmentally appropriate toys, books, equipment and parent education materials that are available on loan to community child care providers and families. Early Head Start provides intensive and comprehensive child development and family support services to low-income families with children under the age of three and pregnant women.

### Gerontology

The Gerontology Academic Program is guided by an interdisciplinary faculty committee that develops and promotes new projects and programs to enhance education and research in aging at the University of Nevada, Reno. Adults over the age of 65 constitute the fastest growing segment of the American population, a group expected to double in absolute numbers by 2030. This demographic trend is even more pronounced in Nevada due to the high in-migration of recent retirees. In response to this important and challenging societal change, the mission of the Gerontology Academic Program is to prepare students to provide the highest quality of care for Nevada's elders.

A 24-credit gerontology certificate and an 18-credit gerontology minor provide both a theoretical and an applied understanding of the knowledge and skills necessary for working effectively with elders. Students take courses in the biological, psychological, and social aspects of aging. A mentoring apprenticeship model is used to focus on student and faculty research, field experiences and service learning opportunities. Students in nursing, social work, public health, medicine, business, education, and other majors graduate with knowledge of a dynamic aging society, an understanding of the processes of aging, and an appreciation for service delivery to the aging population.

### Nevada Center for Ethics and Health Policy

The mission of the Nevada Center for Ethics and Health Policy (NCEHP) is to provide a statewide collaboration for the promotion of ethical and appropriate health care for all Nevadans through engagement, education, and empowerment. The Center began in 1999 through a grant from the Robert Wood Johnson Foundation to the Sanford Center for Aging, and Department of Health Ecology at the University of Nevada, Reno. Initially, the focus of NCEHP has been to work in partnership with organizations across the state in promoting care at the end of life following the recommendations of the Attorney General's Task Force Report published in 1997 entitled: *Death with Dignity and Caring in Nevada*.

In 2001, the Nevada Legislature approved the UNR statewide enhancement request to fund the Center, thus paving the way for more growth and expansion. NCEHP is now a free-standing entity within the College of Health and Human Sciences, and hopes to partner with other departments and colleges within the NSHE in the development of healthcare ethics and policy in our state. In the future, NCEHP plans to: a) open an office in Southern Nevada; b) examine ethical and health policy issues including allocation of resources;

c) emphasize health and applied research initiatives; d) facilitate a statewide system that links government agencies, corporate, private groups, higher education; and e) continue outreach to rural communities.

For more information, please visit: <http://www.unr.edu/ncehp>.

### Ambulatory Care Centers

The centers listed below, staffed by School of Medicine faculty in Reno, offer a wide range of professional medical services:

- **Internal Medicine** has clinics at various locations in Reno, call (775) 784-4622 for more information;
- **Department of Veterans Affairs Medical Center**, 1000 Locust Street, Reno, (775) 786-7200;
- **Family Medicine Center**, Brigham Building, University of Nevada, Reno, (775) 784-1533;
- **Pediatric Clinic**, 1500 East 2<sup>nd</sup> St., Suite 302, (775) 784-7500;
- **Speech Pathology and Audiology**, Nell J. Redfield Building, University of Nevada, Reno, (775) 784-4887;
- **Nutrition**, Nell J. Redfield Building, University of Nevada, Reno, (775) 784-4474.
- **Psychiatry**, Nelson Building, University of Nevada, Reno, (775) 784-6388.

For information on Las Vegas clinic sites, please contact the Senior Associate Dean for Southern Nevada at (775) 671-2230.

### Sanford Center for Aging

The university's Sanford Center for Aging offers an interdisciplinary focus for teaching, geriatric research, and community partnerships in the area of aging.

Guided by the Geriatric Medical Advisory Committee, the Sanford Center for Aging conducts geriatric education and research activities with providers from the community including the Veterans Administration Medical Center in Reno and the Nevada Geriatric Education Center office in Las Vegas which is cosponsored by the Center.

The Sanford Center also offers annual scholarships to medical students based on need and academic performance.

For a complete description of the center, refer to the summary in the "College of Health and Human Sciences" section of the catalog.

### Nutrition Education and Research Program (NERP)

The program coordinates nutrition instruction and activities within the medical school's curriculum, both in Reno and Las Vegas. Nutritional counseling is provided by appointment for patients on referral from their private physicians.

NERP conducts clinical nutrition research and is conducting comprehensive studies to determine the effects of diet and weight on health-risk factors. A grant from the National Institute of Health currently funds a family-based weight management program focusing on preschool children and overweight parent(s). Educational grants, also from the National Institute of Health, continue to fund integration of nutrition into the medical school curriculum overall. Grants from industrial sources (Slim Fast Foods, International Life Science, etc.) also support research.

### Center for Education and Health Services Outreach

The Center for Education and Health Services Outreach (CEHSO) supports health care providers and communities throughout the state. The office is an umbrella to a multitude of programs which provide continuing education programs, technical assistance and recruitment and retention of primary care practitioners in medically underserved areas of the state. The CEHSO is also a focal point for the planning and delivery of telecommunications and telemedicine services. Staff members maintain close contact with state, national and local health care organizations. The programs of CEHSO include: the Northeastern, Southern and Program offices of the Area Health Education Centers (AHEC), the AIDS Education Training Center, the Nevada satellite of the MEDEX Physician Assistant Training Program, the Nevada Health Service Corps, the Nevada Office of Rural Health, the Nevada Geriatric Education Center, the Office of Continuing Medical Education and the Nevada Critical

Access Hospital Program.

Nevada AHECs have offices in Reno, Las Vegas, and Elko. AHEC reaches out to rural and urban areas with shortages of health care professionals. Continuing education classes, information services, student programs, library services and innovations in distance linkages provide enhanced opportunities for health care in Nevada. Since 1988, AHEC has offered continuing education programs for physicians, nurses, social workers, emergency medical personnel and other health professionals on site in most rural communities, as well as Las Vegas and Reno. Nevada AHEC serves as a resource for teachers and counselors on health careers education opportunities. AHEC has promoted the application of new technology to span Nevada's vast distances. Recently, the university's system of video conference classrooms has been utilized to reduce the need to travel great distances for continuing education. Rural health professionals have access to statewide and national medical libraries through the AHEC. The latest links connect patients and physicians in rural Nevada with faculty from the University of Nevada School of Medicine in Reno and Las Vegas.

The Nevada AIDS Education and Training Centers mission is to provide education, resources and assistance to health care workers who care for people with HIV and AIDS and assist faculty with resources and up-to-date information. There are offices in Reno and Las Vegas. The program also provides grants for community groups to conduct education and supports mini-residency programs.

The Nevada Health Service Corps (NHSC) is a loan repayment program for health professionals administered by the University of Nevada School of Medicine. The purpose of the program is to provide funds to physicians, physician assistants, nurse practitioners, and certified nurse midwives to repay their educational loans in return for a period of obligated service in clinics in medically underserved Nevada.

The Nevada Office of Rural Health was created by the state legislature in 1977 with a mission to assist rural communities. The office provides state and national leadership in addressing recruitment and retention issues, health care reform and graduate medical education. Designating medically underserved areas of the state, granting small grants for community development and providing a clearinghouse of information and technical assistance to find funding are key functions of the office.

The Nevada Geriatric Education Centers (NGEC) offices in Reno and Las Vegas are part of a nationwide network of similar centers. The mission of the NGEC is to promote successful aging by providing geriatric education and information to health professionals.

The Office of Continuing Medical Education provides continuing education programs for physicians, osteopaths, physician assistants, nurse practitioners and other health care professionals on local, regional and national levels. The office is accredited by the Accreditation Council for Continuing Medical Education to grant credit programs developed by the School of Medicine's clinical departments and faculty. The office also provides conference planning services for the School of Medicine's departments, faculty and public or private organizations.

### COLLEGE OF LIBERAL ARTS

#### Center for Advanced Studies

The Center for Advanced Study is designed to recognize, facilitate and promote research and scholarship in the College of Liberal Arts and in the College of Science at the University of Nevada, Reno.

The center's fellows, who are faculty members of the College of Liberal Arts and the College of Science, are recipients of the university's Outstanding Researcher Award.

#### Center for Basque Studies

Founded in 1967, this research center has acquired an international reputation among scholars across the disciplines for its contributions to the study, promotion and maintenance of Basque culture in all its aspects. Faculty and visiting scholars are engaged in research in anthropology, language and literature, nationalism, political science, history, women's studies, emigration, and many other disciplines and fields of interest. The Basque Library is the largest collection

of Basque-related materials in the Western Hemisphere. It is now a special collection within the University library, but it was initiated and nurtured by Basque Studies, as was the University Studies Abroad Consortium.

Today, the Center for Basque Studies is a unique asset to the College of Liberal Arts, the University, the state, and the nation. As a research facility, Basque Studies disseminates its research through publications and conferences, but also through classes, providing students at UNR and around the world (through correspondence and on-line courses) with singular opportunities to study the Basques, their language, and their culture both in Europe and throughout the global Basque community.

Basque Studies also established a Basque Book Series with the University of Nevada Press, providing access in the English language to Basque-related research by scholars from across the disciplines and around the world.

Undergraduates can obtain a Minor in Basque Studies, and highly motivated graduate students can pursue a doctorate through the Basque Tutorial Ph.D.

Basque Studies faculty members are recognized as global experts in their field, and are often consulted by television, film, and news media for their insights on the Basques and their reality. In addition, special efforts are made to include the Basque community of the American West in the scope of research and outreach activities conducted by Basque Studies' faculty and staff.

Information on the minor, the Tutorial Ph.D., the library collection, or any other aspect of Basque Studies may be obtained by calling (775) 784-4854, or by visiting our website at <http://basque.unr.edu>.

### **Latino Research Center**

Established in 2004, the Center functions as a unit of the Department of Foreign Languages and Literatures and addresses issues that affect the Latino population of Nevada and the United States. The primary role of the Center is to conduct and disseminate research that has an impact on the Latino community and to administer outreach programs that aid in recruiting Latino students to pursue a university education and future career paths. The center draws on many disciplines across campus, supports and publishes research, sponsors guest lectures, and works as an advocate for Latino issues. Call (775) 784-4010 for additional information.

### **Oral History Program**

Established in 1964 and now housed within the UNR Department of History, the University of Nevada Oral History Program (UNOHP) records, preserves, and makes available to scholars and the general public primary-source oral histories documenting aspects of the history and culture of Nevada and the Intermountain West. Research topics include (but are not confined to) community history, mining, ranching, the development of casino gaming, politics and government, Great Basin Indians, and the experiences of various ethnic groups in the settlement and development of the West. The collection also contains a number of biographical volumes of individuals whose lives illuminate important themes in the history of the state and region.

The UNOHP's oral histories are derived from carefully prepared, systematic interviews with chroniclers who have firsthand memories of historically significant events, people, and places. These interviews are recorded and preserved using the latest technologies. From transcripts of the recordings, the program produces edited, indexed, illustrated, bound volumes of oral histories. The complete works can be accessed easily through the UNR and UNLV libraries, and the majority of the collection is available on CD in every public school and public library in Nevada. These volumes are heavily used in research by students and publishing scholars. The program also publishes professionally edited and designed books based upon selected oral histories from its collection. These books, available for purchase directly from the program and through commercial booksellers nationwide, reach a broad audience. In addition, the UNOHP has produced award-winning documentary videos on Great Basin Indians for broadcast and classroom use.

Catalogs, the master index to the collection, and copies of oral

histories, published books, and documentary videos can be acquired through the program office. Call (775) 784-6932 for information, or visit the UNOHP's website at <http://oralhistory.unr.edu/>

## **COLLEGE OF SCIENCE**

### **The Center for Advanced Study**

The Center for Advanced Study is designed to recognize, facilitate and promote research and scholarship in the College of Science and in the College of Liberal Arts at the University of Nevada, Reno.

The center's fellows, who are faculty members of the College of Science and the College of Liberal Arts, are recipients of the university's Outstanding Researcher Award.

## **MACKAY SCHOOL OF EARTH SCIENCES AND ENGINEERING**

### **Center for Mineral Bioprocessing**

The Mackay Center for Mineral Bioprocessing, administered by the Mackay School of Earth Sciences and Engineering, has established specific goals for its operation. The goals are: (1) conduct fundamental and applied research work in the emerging multidisciplinary field of mineral bioprocessing; (2) promote and advance the discipline; (3) disseminate research and practical information relating to the field; and (4) promote the interaction of universities (particularly campuses of the Nevada System of Higher Education), industry and government within the discipline.

The mineral bioprocessing field includes the use of microorganisms in aiding the exploitation of ores, and the bioremediation of toxic effluents potentially produced by mineral-industry operations.

### **Center for Neotectonic Studies**

A research center established by the UCCSN Board of Regents and located within the College of Science and Mackay School of Earth Science and Engineering within the University of Nevada at Reno which provides graduate students and post-doctoral level researchers the opportunity to conduct research in neotectonics and closely related disciplines.

Neotectonics is the study of geologically recent motions of the Earth's crust, particularly those produced by earthquakes, with the goals of understanding the physics of earthquake recurrence, the growth of mountains, and the seismic hazard embodied in these processes.

As the world's population increases, the risk of severe earthquake damage continues to escalate at an alarming pace, as does the need to understand that risk. The center's scientific observations and analyses are used continually to increase our understanding of earthquakes. This research, in turn, provides the basis for mapping seismic hazards in Nevada and elsewhere around the globe.

### **Center for Strategic Materials Research and Policy Study**

The Center for Strategic Materials Research and Policy Study was established within the Mackay School of Earth Sciences and Engineering by congressional legislation. That legislation provided for a \$9.6 million research facility and a \$5 million facility for strategic materials policy study.

Strategic materials are essential in the production of high-temperature alloys, steel and stainless steel, industrial and automotive catalysts, and solid-state electronic components used in computers. Research in the center focuses on improving domestic mineral production and metal processing of strategic materials, the exploration for new domestic and free-world supplies of strategic materials, the evaluation of substitutes for strategic materials, the development of recycling technology, and the evaluation of existing laws and strategic materials policy.

### **Great Basin Center for Geothermal Energy**

The Great Basin Center for Geothermal Energy (GBCGE) in the Mackay School of Earth Sciences and Engineering includes researchers from the UNR Colleges of Science and Engineering, and the Desert Research Institute. The Center is a nexus for the conduct of multidisciplinary and interdisciplinary research by industry, academia and government on the geothermal resources of the Great Basin and on the development and use of environmentally

compatible technology for geothermal energy production.

The GBCGE facilitates meetings with stakeholders in the region to define interests in, and concerns on, geothermal energy use and development. It provides educational materials and training of geothermal energy at a variety of educational levels and it encourages education through short courses, seminars, symposia and workshops. It provides data and information dissemination technology to facilitate World Wide Web access to important research, technology and policy issues. The Center facilitates the joint conduct of research and technology development by academia, government and industry by providing information and analysis on geothermal resources and technology. Such information is used by the financial community, the energy user, regulatory and environmental communities to facilitate new or expanded uses of geothermal energy. The GBCGE also collects, evaluates and distributes information about opportunities for geothermal development in the Great Basin region.

### **NASA Space Grant College and Fellowship Program**

The University of Nevada, Reno is the lead institution for the NASA Space Grant College and Fellowship Program in Nevada and manages this program for the Nevada System of Higher Education (NSHE). Congress established the National Space Grant College and Fellowship Program (Space Grant) with Title II of the National Aeronautics and Space Administration Authorization Act of 1988. The program's national objectives are to establish and maintain a national network of universities with interests and capabilities in aeronautics, space and related fields; to encourage cooperative programs among universities, aerospace industry and Federal, state and local governments; to encourage interdisciplinary training, research and public service programs related to aerospace; to recruit and train U.S. citizens, especially women, under-represented minorities, and persons with disabilities for careers in aerospace science and technology; and to promote a strong science, mathematics and technology education base from elementary through secondary levels. Space Grant contributes to the nation's science enterprise by funding research, education and public service projects through a national network of 52 university-based Space Grant consortia. The consortia have over 700 affiliates that include 493 academic institutions and the national aerospace industry. The Statewide Space Grant Office is located in the Mackay School of Earth Sciences and Engineering, in Room 302 of the Laxalt Mineral Engineering Building. Information and applications for the undergraduate scholarship and graduate fellowship program can be found on the following website: <http://www.unr.edu/spacegrant>.

### **Nevada Bureau of Mines and Geology**

The Nevada Bureau of Mines and Geology is one of the public service divisions of the Mackay School of Earth Sciences and Engineering. The bureau was established by an act of the state legislature in 1929.

The principal purposes of the bureau are to assist the public in the proper development and utilization of Nevada's mineral resources, and to provide geoscience data to individuals, industries and public agencies. The bureau prepares reports of its field studies and distributes pertinent geoscience data to the public.

The bureau conducts cooperative programs with the U.S. Bureau of Mines and the U.S. Geological Survey, and handles funded research programs for other governmental agencies. The bureau is also the Nevada affiliate of the National Cartographic Information Service and supplies information on base maps and aerial photography.

### **Ralph J. Roberts Center for Research in Economic Geology**

The Ralph J. Roberts Center for Research in Economic Geology, part of the university's department of geological sciences, coordinates educational and research efforts involving the department, the Nevada minerals industry, the Nevada Bureau of Mines & Geology and the U.S. Geological Survey. This partnership ensures a greater understanding of the geology, geochemistry and genesis of Nevada's Carlin-type gold deposits as well as other types of mineral deposits.

The center has two mutually supportive goals: 1) preparing well-educated professionals for careers in the mineral industry and/or research by interacting with faculty, the mineral's industry professionals and professionals in the USGS and NBMG; and 2) producing high quality research results for the state's minerals industry on topics of critical interest. Collateral benefits include

increasing cooperation, collaboration and communication among the participating groups.

The Nevada minerals industry has provided funding for establishment of the center and continues annual support in addition to providing advice to and logistical support of the center's research projects. Additional benefits for the center come from the Steven A. Roberts endowment which provides financial support of graduate student research projects.

### **Seismological Laboratory**

Established as a separate research and public service division, the Seismological Laboratory has overall responsibility for instrumental studies of earthquakes in the Nevada region. The laboratory operates a statewide network of seismographic stations and investigates the sizes, frequencies of occurrence, distribution of earthquakes in the region, and other problems related to seismic risk in Nevada. The laboratory disseminates information through the world wide web and regularly publishes research results. It serves as a repository of information and a resource for the public on matters related to earthquake activity and earthquake risks in Nevada and adjoining states. The laboratory also handles grant- and contract-supported research on seismic problems of national and international importance, and interacts closely with the Department of Geological Sciences and Engineering to prepare well-educated professionals for careers in seismology.

### **Administrative and Financial Services**

The Administration and Finance division provides essential planning and operational services for the university community. Those units involved in these efforts include the departments of Business and Finance; Facilities Services; Human Resources; Planning, Budget and Analysis, University Police Services and University Advancement.

### **BUSINESS AND FINANCE**

Business and Finance is an organizational unit comprised of: Business Center North (BCN) Purchasing, the Controller's Office, Lawlor Events Center, and Mail Services.

Business and Finance also provides payroll, and purchasing, services to the Nevada System of Higher Education's BCN institutions (Chancellor's Office and System Administration; Desert Research Institute; Great Basin College; Truckee Meadows Community College; University of Nevada, Reno; and Western Nevada College).

### **BCN Purchasing**

The BCN Purchasing department, located north of Mackay Stadium, provides coordinated buying, contracting and other related services for the Nevada System of Higher Education's Business Center North institutions, including the University of Nevada, Reno. Services provided by BCN Purchasing include: issuing formal bids and purchase orders for goods and services, arranging contracts for goods and services, maintaining vendor relations and training on purchasing-related topics.

In addition to the purchase of construction, goods and services, BCN Purchasing handles the registration and licensing of all university vehicles. The property inventory function maintains a computerized database for all equipment and handles the disposal of excess property. The receiving function provides services for all incoming freight and packages and shipping services for outgoing freight. Purchasing also provides oversight of the University's Copy Center and Copier Program

### **Controller's Office**

The Controller's Office provides systems for the financial reporting and accountability of all university and university-related funds, and is responsible for collection, disbursement and custody of these funds. Services provided by the Controller's Office include: processing payments for goods and services provided by vendors and individuals, reimbursement of employee travel expenses, processing internal financial transactions, maintaining the financial accounting system, providing financial reports, performing reconciliations,

cashiering (fee assessment and collection, and other cash collections and deposits) financial aid disbursement for students, student loan collections and payroll services.

### **Lawlor Events Center**

Opened in the fall of 1983, Lawlor Events Center is a 12,000 seat, multi-purpose public assembly facility which accommodates business and educational meetings, banquets, trade shows and exhibitions, as well as entertainment, athletic and sporting events. In keeping with university goals, the mission of Lawlor Events Center is to enhance the quality of life for the students, faculty and staff of the University of Nevada, Reno as well as the residents of northern Nevada by providing a highly diverse program of events in an efficiently operated facility. In addition to the main arena, the Lawlor complex consists of two large meeting rooms, which can serve as "break-out" rooms for workshops and conferences and can comfortably accommodate banquets and receptions for as many as 400 to 1000 guests. For information about the facility, call (775) 784-4659. For event and ticket information, call (775) 784-4444.

### **Mail Services**

Mail Services is located at the north end of campus in the Central Services Building and is responsible for all incoming and outgoing U.S. Postal Service mail, intra-campus and intra-state agency mail, and all outgoing mail shipped via UPS and Federal Express.

The University Station branch of the U.S. Postal Service is located at the corner of North Virginia Street and 17th Street. All standard mail services, except general delivery, are available at this branch post office. Mail boxes are also available for rent. Students living on campus in residence halls must have a post office box to receive mail because mail addressed to residence halls cannot be delivered by the U.S. Postal Service or by Mail Services and is returned to the sender.

### **FACILITIES SERVICES DEPARTMENT**

The Facilities Services Department provides services for the design, construction, operation, and maintenance of all present and future campus buildings as well as providing campus parking and transportation services that meet and support the needs of the campus community. The Facilities Services' Maintenance group provides preventative maintenance and repairs to campus buildings' electrical, mechanical/HVAC, plumbing, roofing, fire alarm and fire suppression systems. The Maintenance group also provides painting services, carpentry services, issues building keys, maintains perimeter security systems, maintains fire extinguishers, coordinates elevator repairs and operates and maintains the campus utilities systems, which includes the Central Heating Plant. The Operations group provides landscape maintenance, snow removal, moving services, custodial services, asbestos abatement and flooring maintenance. The department's Construction Services and Planning and Design groups manage the university CIP program, provides campus master planning assistance to senior administration, manages remodels of and additions to existing university-funded space, provides cost estimates for department-funded projects, maintains university drawing files and campus maps, implements accessibility projects, manages pavement and roofing projects and supervises the work of outside architects and engineers. The Real Estate division manages several university-owned apartments and rental houses located adjacent to the university campus. Facilities Services also provides evening and weekend emergency response to facilities-related matters. Call 784-8020 to submit a work request or visit the Facilities Services website at <http://www.unr.edu/facilities/>.

### **Parking Services**

The Parking Services department handles the distribution of official parking permits for the university community. The department also regulates the use of parking spaces on campus and provides a shuttle service to many locations around the campus.

Students, faculty and staff are permitted to park their vehicles in specified areas on university property, in accordance with University Parking and Traffic Regulations. Such vehicles must be registered with Parking Services and display official parking permits.

Metered parking, visitor parking and parking for persons with disabilities are also available in designated areas. University Parking and Traffic Regulations, approved by the Board of Regents, govern all vehicles operated on campus. Vehicles parked in violation of the regulations are subject to citation and/or impounding. Permits and parking information are available at the department office, located at 16th Street across from the Nevada Historical Society. For further information, call (775) 784-4654.

### **Real Estate**

The Real Estate office maintains the real estate records and an inventory of property owned by the Nevada System of Higher Education's Board of Regents. The office also handles the purchase, sale, rental and lease of property for the Business Center North institutions.

Several university-owned properties, apartments and houses, located adjacent to the university campus are available for rent to faculty, staff, students, and the general public. For further information, call the University Rental Properties office at (775) 784-4180.

### **HUMAN RESOURCES**

The University of Nevada, Reno Human Resources department is responsible for the development and administration of the university's human resources programs. This includes recruitment, employment policies, job classification, employee records, employee relations and processing personnel transactions for faculty, classified staff, post-doctoral scholars and student employees. The office is located in the Artemesia Building.

### **BCN Personnel Services**

The Business Center North Personnel Services department, located in the Artemesia Building, is responsible for administering the Business Center North classified personnel system and the workers' compensation and employee benefits program for BCN faculty and staff.

### **PLANNING, BUDGET AND ANALYSIS**

Planning, Budget and Analysis provides assistance in the development and coordination of the academic, administrative, physical and fiscal planning of the university. The office serves as staff to the University Planning Council and the Facilities Resources Committee.

### **Budget**

The development, allocation and monitoring of the institution's state-appropriated and self-supporting budgets are the responsibility of this unit. It prepares the university's biennial budget request and its annual operating budget. This unit is also responsible for the campus Position Control System.

### **Institutional Analysis**

This unit conducts studies that describe, analyze and evaluate the operations and outcomes of the university. The office produces the university enrollment reports, enrollment forecasts, an online interactive databook, in-depth studies on student success, collects and coordinates data for national surveys, and furnishes support for academic program review, accreditation activities, and other administrative functions.

### **Facilities Planning & Analysis**

This office maintains the inventory of university instructional and non-instructional space and prepares evaluations on space information for the Facilities Resource Committee. It processes long-term space assignment requests presented to the committee, assists in the development of biennial capital project requests and produces instructional utilization studies for the institution.

### **Scheduling Services**

This office coordinates all off-campus, faculty and staff requests for

use of university facilities. It also schedules all academic classes that meet in instructional classrooms on campus.

#### UNIVERSITY POLICE SERVICES

**Emergency Number: 911 or 9-911 (on-campus)**

**Non-emergency service calls: (775) 334-COPS (2677)**

**Police Business Office: (775) 784-4013**

**Office Hours: 8 a.m. to 5 p.m., Monday-Friday.**

University Police Services is an agency of the University of the Nevada, Reno. Its purpose is to serve and protect the students, staff, faculty, and all other people and property within the jurisdiction of that community.

Police officers are on duty 24 hours a day, every day of the year, and their services are available at all times. University Police Services has the exclusive responsibility of acting upon law-enforcement matters and performing police functions for the main campus of the University of Nevada, Reno and all university properties within Washoe County.

Police personnel are sworn peace officers, performing the same services as those of any municipal police agency. They investigate all crimes and enforce federal, state and local laws within the campus jurisdiction, as well as university regulations.

All sworn university police officers have successfully completed training at a Nevada P.O.S.T. (Peace Officer Standards and Training) academy or equivalent training recognized by Nevada P.O.S.T. organizations.

**Contacting the Police for Emergencies and Non-emergencies:** Any member of the university community who needs emergency help or medical assistance may contact police personnel, day or night, by dialing 911 or 9-911 (on-campus).

The non-emergency dispatch number 334-COPS (2677) contacts the 24-hour dispatch center, which has direct contact with other emergency centers in the area.

University Police Services is located on the first floor of the Fitzgerald Student Services Building. The business office is open between the hours of 8 am to 5 pm, Monday through Friday. If you need to contact the police after hours or on weekends, call the non-emergency dispatch number 334-COPS (2677) or for emergencies call 911 or 9-911 (on-campus).

#### DEVELOPMENT

The Vice President for Development and Alumni Relations oversees the alumni relations, fund-raising, university events, and outreach efforts of the university. The offices of Development and Alumni Relations include the Alumni Association as well as Alumni Relations, *Nevada Silver & Blue* magazine, University Events and the University of Nevada, Reno Foundation.

#### Nevada Alumni Association

The mission of the Nevada Alumni Association is to foster and cultivate a common bond of pride, affinity and connection among alumni, students, prospective students and friends of the University of Nevada, Reno through quality programs, services and events.

The Nevada Alumni Council is the governing body of the association. Comprised of 28 volunteers including the Associated Students of the University (ASUN) President, this group meets three times per year to review activities and policies of the Organization as well as identify new methods to better serve alumni. Each member is eligible to serve two consecutive three-year terms.

The Alumni Association plans and manages a variety of programs and events throughout the year which includes Homecoming, football and basketball pre game parties, the Senior Scholar Awards Reception, Golden Reunion, Pack Tracks Travel, Graduation Celebration and a dues-paying membership program. There are also more than 25 chapters affiliated with the organization that were developed as a method for alumni and friends to stay connected to Nevada.

Offices for the Nevada Alumni Association are located in the Morrill Hall Alumni Center on campus. For further information, call 888. NV ALUMS or visit <http://www.unr.edu/alumni>.

#### Alumni Relations

The Office of Alumni Relations works closely with the Nevada Alumni Association. The Director of Alumni Relations serves as the direct liaison between the Association and University. Together the staff and Alumni Council strive to better serve constituents through programs, events and services beneficial to alumni. For more details or to update contact information (address changes, name changes, etc.) please call (775) 784-6620 or 888 NV ALUMS..

#### Arboretum Board

The University of Nevada, Reno was established as a state arboretum by the 1985 Nevada Legislature "to increase the knowledge and appreciation of the public of flora indigenous to Nevada and from other areas and to provide a place where they may be planted and cultivated as memorials." The campus is a living collection of plants, including trees, shrubs, flowers, ornamentals, and native flora. There are many designated areas on campus that are open to the public. The information kiosk at the campus entrance at Ninth and Center Streets has a free brochure and map for the asking.

The Arboretum Board's mission is to plan university landscape, conduct research and educate the public. Annually the board targets several landscapes or gardens to expand, renovate or develop. Donations, including memorial gifts, are an integral part of these new projects. Students and professors introduce and test new plants and varieties, study how they react to soil and climatic conditions, and determine which plants are best suited to Nevada's unique desert environment. Classes and seminars are available to students, staff, alumni, and the community. The Arboretum Board welcomes participation by all who have an interest in the university.

The campus arboretum is a place of beauty where students, staff, alumni and the community can enjoy and learn about native and ornamental plants.

#### NEVADA Silver & Blue Magazine

*NEVADA Silver & Blue* magazine reaches thousands of alumni, benefactors and other friends of the university, providing them with informative articles and illustrations, news of University achievements, and updates on the noteworthy accomplishments of university alumni. For further information, call (775) 784-1352.

#### Southern Nevada Office

The Southern Nevada Office for Prospective Students participates in hundreds of events throughout the year in the southern Nevada and Southern California regions. The office serves as the primary recruiting agency for both regions. In addition to high school visits, the office participates in various college fair activities including its annual Fall Preview event in which Clark County students and parents learn more about the University. The office also conducts programs for elementary and middle school outreach, financial aid and college preparedness. Other events coordinated by the Southern Nevada Office include its annual Silver Scholars Program, Nevada Bound student trips, Wolf Pack Advising & Registration and Summer Send-Off.

The Southern Nevada Office for Prospective Students is located at 8050 Paradise Road, STE. 110, Las Vegas, NV 89123. Call (702) 940-5416

#### University Events

The University Events Department designs and produces a variety of special events on campus, in the community, and elsewhere to support the University's fund raising and public relations goals.

Some of the events the University Events is active in organizing include scholarship lunches, building openings and dedications, and other events deemed beneficial to the University's fund raising endeavors.

The Department of University Events also maintains the University's master invitation list and master special events calendar. The office is available to assist the University's colleges, schools and departments with their special event planning. For further information, call (775) 784-4831.

## University of Nevada, Reno Foundation

Established in May 1981, the Foundation is the central fund-raising organization for all programs at the university. The Foundation is governed by a volunteer board of trustees comprised of alumni, community leaders, business leaders and other friends of the university. The Foundation is responsible for the coordination, cultivation, solicitation and processing of all private funds and gifts donated for the benefit of the university. In addition to its own accounting and computer services staff, the Foundation offers consultation and assistance to all colleges, schools and departments with fund-raising goals, plans and work. The office also oversees several major programs, including the annual fund campaign, major and planned giving, and scholarships.

Through the efforts of its staff and volunteers, and through community assistance, the Foundation is able to secure financial support for a number of important services and activities, including: endowed programs, scholarships, equipment, facilities, libraries, the Alumni Association, the Graduation Celebration, Foundation professorships, and the Clarence and Martha Jones Foundation Scholarship Program.

The Foundation office is located in room 101, Morrill Hall Alumni Center. For further information, call (775) 784-1352. To reach Foundation Accounting Services, call (775) 784-1587.

## Affiliated Research, Service Organizations

### DESERT RESEARCH INSTITUTE

As a full-time, environmental research and development organization, the Desert Research Institute (DRI) currently conducts scientific investigations in atmospheric physics, air quality, water resources, archaeology, and environmental and ecological responses to climatic change, among other fields. Faculty scientists also develop technology in support of research applications. DRI's mission is to conduct important research for the state, the nation and the international scientific community—supporting the needs of industry and Nevada's economic diversification objectives.

Established in 1959, the Desert Research Institute is the only one of the Nevada System of Higher Education's seven operating divisions that does not award degrees. Members of DRI's research faculty teach selected, technical subjects at the University of Nevada, Reno and the University of Nevada, Las Vegas, an arrangement that provides the universities with additional expertise in highly technical curricula without the corresponding, full-time staffing requirements. Selected graduate students at the universities are also hired to support DRI researchers on contracted projects, providing underwritten topics for theses and dissertations.

The institute is currently staffed by nearly 500 full- and part-time professional scientists, technicians and support personnel housed in DRI office and laboratory facilities Reno, Las Vegas and Steamboat Springs, Colorado. DRI's research projects have taken its staff to all 50 United States and to every continent on the planet.

Each of DRI's three research centers concentrates on a distinct segment of the spectrum of environmental sciences, complementing and interacting with the others. Additionally, two new cross-cutting research centers focus on specific research initiatives, drawing faculty and support from all three main research divisions. In contrast to the traditional, discipline-based organization of academic institutions (e.g. chemistry, physics, geology, mathematics), each DRI division features a combination of the relevant scientific and technical fields for its particular research mission. The divisions also regularly collaborate with faculty from the university campuses in Reno and Las Vegas, as well as other universities or research groups, as needed.

### Research Divisions and Centers at DRI

The **Division of Atmospheric Sciences (DAS)** conducts fundamental and applied research in the atmospheric sciences with programs in atmospheric chemistry, climate dynamics, large-scale dynamic meteorology, mesoscale dynamic meteorology, and physical meteorology. The division specializes in the development of instrumentation and techniques for atmospheric measurements and their use in laboratory studies as well as in ground-based,

aircraft, and satellite observational programs. Scientists participate worldwide in research projects ranging from Australia to the Canary Islands and from the Arctic to the Antarctica.

The division's scientists also conduct local and regional studies on air quality across the U.S. and in several foreign countries. Inorganic and organic chemistry laboratories allow analysis of human impacts on air quality, as well as detection and quantification of atmospheric pollutants, including toxic species, at trace levels. The division has also developed and applied advanced "source receptor" techniques to characterize air quality conditions in Reno, Las Vegas, Phoenix, Tucson, Denver, and central and southern California.

The division operates the Western Regional Climate Center (WRCC), one of six federally funded regional centers. The Climate Center conducts climate research and provides climate information to federal agencies, regional organizations, state and local bodies, and the private sector. Climate information is available on the 11 western states, Alaska, Hawaii and the Pacific trusts and territories.

The **Division of Earth and Ecosystem Sciences (DEES)** includes a variety of scientific approaches into the causes, mechanisms, and history of landscape change over a range of scales in space and time. Landscapes in this context include the geometric surface environment, the soils mantling the surface, and the vegetation and other biota (including humans) that inhabit and modify it. Among the divisions' major research capabilities is the Frits Went Laboratory, providing four chambers for creating and observing ecosystems under precisely-controlled experimental and climatic conditions.

DEES scientists focus on major elements of environmental research involving geology and geomorphology, including geochronology and paleoecology (with an emphasis on the last million years of Earth history, the Quaternary Period); ecosystem sciences concerning the responses of plants and animals to changes in climate and anthropogenic factors, and on life in extreme environments; archaeology and anthropology involving human adaptations to dry land environments, prehistoric occupation in the Great Basin, and historic-period settlement and land use of the West; and remote sensing and geographic information systems (GIS) for modeling and visualizing landscape development, landscape modification, and environmental change.

The **Division of Hydrologic Sciences (DHS)** investigates the hydrologic, chemical, engineering, economic, and legal aspects of water resources. The division's investigations include both water quality and quantity, involving activities such as the development of computer-simulation models for planning, managing and evaluating groundwater flow, and studies of geothermal resources and hydroelectric applications.

A major research program on the Nevada Test Site examines the movement of ground water in the region and the processes by which radionuclides are transported in the vast, arid region. A related program concerns environmental pollution of groundwater and is developing and testing new techniques for detecting, identifying, and containing hazardous wastes. Other research efforts examine existing water-management systems and the feasibility of new management techniques for conserving or increasing water supplies. The division also seeks to improve water analysis methods.

DRI's new **Center for Arid Lands Environmental Management (CALEM)** addresses environmental management issues affecting desert ecosystems around the globe in an integrated and innovative way. Typically, CALEM brings together DRI scientists who specialize in looking at how impacts on individual ecosystem components—air quality, water supply, and soil conditions—might effect an entire desert ecosystem. This approach focuses on the processes that link those individual components together with the aim of developing predictive capabilities about the consequences of natural events and human activities.

Another approach to arid lands management being developed by CALEM researchers is based on a program known as "Alternative Futures". Collaborating with researchers from other institutions, DRI scientists are combining socioeconomic models with geological information to predict the effects of population growth on the Mojave Desert in 10, 20, or even 30 years. Computer models create different scenarios depending on factors such as growth rates, population age and income levels, and whether growth is mainly residential or industrial. This innovative approach has great potential as a planning

tool in the desert Southwest.

The **Center for Watersheds and Environmental Sustainability (WES)** was established to address issues of watershed management and restoration through interdisciplinary research teams. Mountain watersheds, in general, are poorly understood and are particularly susceptible to compromise by both natural and human forces. WES is initially focusing on new approaches for predicting watershed behavior and interpreting this knowledge to support watershed planning and management. Specifics include developing novel monitoring approaches to assess the health of watershed as well as new watershed information management and decision support tools. WES scientists are currently working on watershed issues relating to the Lake Tahoe Basin and Truckee River system, the Walker Lake and river system, the Las Vegas Wash and the Prairie Pothole Region of North and South Dakota.

The center's facilities include: an Environmental Protection Agency-certified water-quality laboratory to support hydrogeologic, geochemical and biological studies; an isotope laboratory for groundwater-recharge investigations; extensive computer facilities; field analytical equipment; and a technical library.

#### **NATIONAL COUNCIL OF JUVENILE AND FAMILY COURT JUDGES**

The National Council of Juvenile and Family Court Judges (NCJFCJ), founded in 1937, is America's oldest national judicial membership organization, dedicated to improving courts and systems practice and raising awareness of the core issues that touch the lives of many of our nation's children and families.

A leader in continuing education opportunities, research, publication development and dissemination, technical assistance, and policy development in the field of juvenile and family justice, the NCJFCJ has more than 2,000 members, including judges, commissioners, masters, and other juvenile and family law professionals from around the country.

The NCJFCJ has been part of the University of Nevada, Reno community since 1969, and in 2009 celebrated its 40th anniversary on the UNR campus. Each year, NCJFCJ provides services including training (at its Reno headquarters and around the country), technical assistance, research, and publications for an estimated 30,000 juvenile and family court judges and related system professionals. From its headquarters at the University's Continuing Education Building, the NCJFCJ and the University of Nevada, Reno work together to provide advanced degree programs including Master and Doctorate degrees in Judicial Studies, and a Masters degree in Justice Management.

The NCJFCJ's work is accomplished through its Family Violence, Permanency Planning for Children, and Juvenile and Family Law departments, which focus on issues of domestic violence, child abuse and neglect, juvenile delinquency, child support, custody and visitation, substance abuse, and related issues. These departments have numerous ongoing projects exploring and implementing best practices and effective strategies for judges who hear cases on these matters, as well as other involved professionals. Established

in 1973, NCJFCJ's research division, the National Center for Juvenile Justice (NCJJ), is the country's only non-profit research organization concentrating solely on the juvenile justice system and the prevention of juvenile delinquency and child abuse and neglect. Located in Pittsburgh, PA, the NCJJ has served for three decades as the nation's primary source of information on the nature of juvenile crime, as well as the juvenile justice system's handling of these matters.

The NCJFCJ is a non-profit, 501(c)(3) corporation with an annual operating budget of \$14 million. The Council relies on funding from federal and state grants, private foundations, and generous members and donors. Current and past supporters include the U.S. Department of Justice, Office of Justice Programs, Office of Juvenile Justice and Delinquency Prevention, Office on Violence Against Women, U.S. Department of Health and Human Services, Office of Child Support Enforcement, American Bar Association, Annie E. Casey Foundation, Charles H. Stout Foundation, Jessie Ball duPont Fund, National Center for State Courts, National Center on Substance Abuse and Child Welfare, State Justice Institute, The Dave Thomas Foundation for Adoption, The David and Lucile Packard Foundation, The John D. and Catherine T. MacArthur Foundation, among many others. Staff numbers 70 at its Reno headquarters and Washington, D.C. office, and 27 at the research center in Pittsburgh.

#### **OAK RIDGE ASSOCIATED UNIVERSITIES**

Since 1997, students and faculty of the University of Nevada, Reno have benefited from its membership in Oak Ridge Associated Universities (ORAU). ORAU is a consortium of 85 colleges and universities and a contractor for the U.S. Department of Energy (DOE) located in Oak Ridge, Tennessee. ORAU works with its member institutions to help their students and faculty gain access to federal research facilities throughout the country; to keep its members informed about opportunities for fellowship, scholarship, and research appointments; and to organize research alliances among its members.

Through the Oak Ridge Institute for Science and Education (ORISE), the DOE facility that ORAU operates, undergraduates, graduates, postgraduates, as well as faculty enjoy access to a multitude of opportunities for study and research. Students can participate in programs covering wide variety of disciplines including business, earth 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: Office of the Vice President for Research and Dean of the Graduate School and ORAU Councilor for the University of Nevada, Reno

Monnie E. Champion

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or visit the ORAU home page at <http://www.orau.org>.