

Other University Components

Intercollegiate Athletics— Men and Women

Athletics Director: Rance Pugmire
Office in Spectrum Addition 202
tel. (435) 797-1850

Senior Associate Athletics Director for Internal

Operations: Mary Ellen Cloninger

Senior Associate Athletics Director for Business Affairs:

Kenneth A. Peterson

Associate Athletics Director for External Operations:

Kevin Dustin

Assistant Athletics Director, Head Trainer:

Dale Mildenerger

Assistant Athletics Director, Media Relations: Mike Strauss

Assistant Athletics Director, Academic Services:

Brian Evans

Assistant Athletics Director, Marketing and Promotions:

Michelle S. Wilson

Director of Development: Kenneth L. Beazer

Assistant for Special Projects and Events:

F. Ross Peterson

Strength and Conditioning: Shawn Griswold

Equipment Supervisor: Mike Bair

Compliance Coordinator: Lucy Stolpe

Faculty Representative: Kenneth L. White

Head Coaches:

Basketball: Stew Morrill

Football: Mick Dennehy

Golf: Dean Johansen

Gymnastics: Ray Corn

Soccer: Jennifer Kennedy Croft

Softball: Debbie Bilbao

Tennis: Chris Wright

Track: Gregg Gensel

Volleyball: Burton L. Fuller

The Intercollegiate Athletics program at Utah State University encourages excellence in academic and athletic performance. The program is designed to develop qualities of leadership, sportsmanship, and individuality, helping each student-athlete to realize his or her ultimate capabilities.

Utah State's Intercollegiate Athletics operates under the direction of the National Collegiate Athletic Association (NCAA), the Big West Conference, and Utah State University. The Aggies compete at the NCAA Division I Level in 15 sports, including football, women's soccer, women's volleyball, men's and women's cross country, men's basketball, men's and women's indoor track and field, women's gymnastics, softball, men's golf, men's and women's tennis, and men's and women's outdoor track and field.

The Aggies have a storied history, gaining national attention in recent years in a number of different sports.

In the decade of the 1990's, Utah State has claimed 25 Big West team championships.

The Utah State football program has proved to be a breeding ground for NFL talent, sending numerous players to the professional ranks in recent years. Since 1980, more than 40 former Aggies have seen action in the NFL, along with a number of players who have played for Canadian Football League teams.

The Aggies finished the 1999 football season tied for third in the Big West Conference, which included winning their last two games of the season on the road. Utah State competed in the inaugural Humanitarian Bowl in 1997.

The USU men's outdoor track and field team has finished first or second at the Big West Championship in seven straight years, while the cross-country team has finished among the top four for eight years. These two programs have combined for eight league titles since 1992.

On the women's side, USU's cross-country teams have finished in the top five of the league meet in seven straight years, with a runner-up finish in 1997 and a league title in 1998, while the outdoor track and field team has claimed seven straight Big West Championships.

USU's women's soccer program began competition in 1996 and has shown solid improvement each year, tying for fourth in the Big West Conference this past season.

In the 1999 season, the USU volleyball program took first place in the eastern division of the Big West Conference. The team finished with a record of 14-12 overall and 11-5 in conference play.

Since 1970, the USU basketball team has competed in the NCAA Tournament eight times, including during 1998, and in the National Invitational Tournament three times, including the 1995 season. USU won a Big West Championship in 1998.

The basketball team posted a 15-13 record in 1999 and tied for fourth in the Big West Conference. The Aggies' 72 Big West wins from 1994-98 were the most earned by any league team in that time period.

USU's gymnastics program, annually ranked among the nation's best, sent teams to NCAA regional competition 21 times in the last 22 years and advanced to the NCAA Championship five times. The Aggies placed second in the Big West Conference in 1999 and placed third in the Region Two meet, which was held on the USU campus.

The softball team competes in one of the nation's toughest leagues and has finished among the top four in that league five of the last eight years, including claiming a league title in 1993. The Aggies won national championships in 1980 and 1981.

USU's golf team finished fourth at the 1997 Big West Championship, its best finish since 1981.

While Utah State claimed three team Big West Championships and two runner-up finishes in 1998-99, several Aggies made their mark individually. Six USU student-athletes earned athletic All-America honors, while 25 student-athletes were named to

first-team all-conference in their respective sports and 14 were individual conference champions.

In the classroom, USU produced a league-best 53 academic all-Big West honorees. In 1998 Heather Marcum, a member of the track team, picked up the Robbins Award as the entire school's Scholar-of-the-Year.

Aggies earning athletic All-America honors included Corey Murdock and James Parker in both indoor and outdoor track, as well as Shae Jones-Bair in indoor and Jane Durfey in outdoor track.

In 1997, a school record eight football players earned first-team all-Big West honors. Defensive end Ben Crosland was named the Big West Defensive Player-of-the-Year and earned third-team All-America honors from *The Sporting News* magazine. USU added seven more first-team picks in 1998, as well as a second-straight league defensive player-of-the-year in Tony D'Amato.

USU volleyball player Denae Mohlman was named the Big West Freshman-of-the-Year and was a first-team all-conference selection in 1998.

Basketball player Marcus Saxon earned first-team all-Big West honors in 1997 and 1998, while in 1999 Donnie Johnson was a second-team pick, Troy Rolle an honorable mention selection, and Tony Brown was named to the Big West all-freshman team.

The track teams saw Corey Murdock, James Parker, and Jane Durfey earn two Big West individual titles apiece, while other individual champions included Mike Cosgrave, Bill Graves, Shelley Grube, and Charlotte Wahlin.

Softball player Sandy Millard was named first-team all-Big West after hitting 10 home runs. Tennis saw five different players earn academic all-Big West honors, while the golf team had three players named to that squad as well.

The USU gymnastics program continued to have individual success with Christy Denson winning the league all-around and balance beam titles, Jessenia Abrego claiming the vault, and Amber Jamison winning the bars. Jamison advanced to the NCAA Championships as an individual.

USU has a strong history of athletic success. Among these successful athletes is Merlin Olsen, who won the Outland Trophy awarded to the nation's top lineman in 1961. Olsen, who was selected into the NFL Hall-of-Fame, was also an academic All-American. Merlin's brother, Phil, was also an athletic All-American at Utah State and had great success in the NFL. USU has produced five Olympians and 17 All-Americans in track and field, including former world record holders L. Jay Silvester and Mark Enyeart. Jay Don Blake became USU's first NCAA national champion in golf, winning the national title in 1980 and finishing second the following year.

Aggie basketball boasts the legacy of Wayne Estes, an All-American in the early 1960s before his untimely death prior to the conclusion of his senior season.

Three Aggie gymnasts have earned All-American honors and two others have represented their countries in the Olympics and World Championships. Seven different student-athletes have earned All-America honors in volleyball 12 times, and Elaine Roque and Karoly Kirby have gone on to successful careers on the pro beach volleyball tour.

The softball team has produced four All-Americans, including three-time All-American Kelly Smith.

Participation. As members of the Big West Conference, the Aggies play conference schedules in basketball, football, softball, and volleyball. The conference winner in these sports earns an automatic bid to NCAA post-season play, with the exception of football. The conference winner in football earns a berth in the Humanitarian Bowl in Boise, Idaho. In addition, conference championships are held in cross-country, golf, tennis, and outdoor track and field. The gymnastics team will contend for post-season participation via the NCAA Region Two Championships.

Facilities. Excellent training and competition facilities are provided in all sports.

E.L. "Dick" Romney Stadium, home of the Aggie football team for more than 30 years, seats 30,257 cheering fans each week during the season. In an effort to update the facility, a state-of-the-art lighting system was installed prior to the 1993 season and chair-back seating was added ahead of the 1997 season. The 1999 season saw expanded seating, two new scoreboards, and an improved sound system. Future plans for Romney Stadium include expanding seating capacity to 40,000 seats and the construction of a multi-storied complex at the south end of the stadium to consolidate academic support to the student-athletes. Future plans also include the expansion of the press box with the installation of two elevators.

Basketball, gymnastics, and volleyball are played in the beautiful 10,270-seat Dee Glen Smith Spectrum. Basketball and volleyball practices are held in the Spectrum, while the HPER Building is the practice home for the gymnastics team. The recently renovated gymnastics practice gym has been labeled as one of the nation's finest, complete with vaulting pits and foam-spring exercise floor.

The \$4.4 million Stan Laub Indoor Training Facility is one of the finest facilities in the nation. The building features a 95-yard football field that is regulation width and a vaulted ceiling that reaches 78 feet high. The building is perfect for off-season conditioning for all of Utah State's sports.

The Nelson Fieldhouse is the home of the Aggie indoor track and field teams. The teams practice on a 200-meter tartan track. For the outdoor season, a newly resurfaced and renovated Ralph Maughan Stadium is the home for the men's and women's track teams.

The women's softball team plays its home games at Johnson Field, a new on-campus facility. The women's soccer team currently competes on campus while a new field for their use is currently under construction.

The tennis teams play on the HPER courts, while the men's golf team practices and plays at the Birch Creek Golf Course and the Logan Golf and Country Club.

Scholarships. Utah State offers partial and full scholarships in each of the 15 sponsored sports. A student or prospective student desiring consideration for one of these awards may contact one of the coaches for further information about scholarship applications.

Registration and Eligibility. Registration for athletic participation in Aggie athletics may be accomplished by contacting any of the coaches or the athletics office. Eligibility for participation is governed by the rules and regulations established by the NCAA, by the Big West Conference, and by Utah State University.

Supervision. Supervision and direction for men and women is vested in the Director of Athletics and the Athletic Council, consisting of the President of the University, and members of the faculty, the alumni, and student organizations.

Information Technology

Administration

**Vice President for Information Technology/
Chief Information Officer:** Barbara A. White,
Main 148, (435) 797-1134, bwhite@cc.usu.edu
WWW <http://www.usu.edu/cio>

**Assistant to Vice President for Information Technology/
Chief Information Officer:** Rory J. Weaver, Main 111,
(435) 797-1962, rory@cc.usu.edu

Administrative Assistant: Peggy P. Nixon, Main 150,
(435) 797-1134, nixon@cc.usu.edu

Licensing: Michelle M. Smith, SER 326, (435) 797-7313,
micsmi@cc.usu.edu

The impact of information technology and “information appliances” yet to come are changing the basic structure and business operations of educational institutions. In addition, accounting for information technology investments is forcing institutions to assess not only the capital investments, but also the expense of personnel involved in both the business enterprise component of the institution and the application of technology in teaching and research. Major responsibilities of the Office of the Vice President for Information Technology are to anticipate, plan for, and manage new information requirements and applications; develop information systems that support such requirements and applications; acquire and manage existing and new data and information; and provide and maintain a University-wide information network and management system to deliver voice, data, and video services. The responsibility of the Chief Information Officer includes the design, development, implementation, and management of an integrated University-wide information management system, ensuring integration of technology to support the University’s teaching, research, and outreach mission. In addition, the Application Support and Training staff provides leadership for the coordination of campus licensing initiatives, including campus-wide licensing purchases; detailed reporting mechanisms to track software purchases, enabling greater compliance; and software training and application workshops for University colleges, departments, and staff members.

Administrative Data Services

**Assistant to the Vice President for Information Technology/
Chief Information Officer:** Rory J. Weaver, Main 111,
(435) 797-1962, rory@cc.usu.edu

**Director, Network, Systems Programming, and
Operation Services:** Kim A. Marshall, SER 301,
(435) 797-2413, kim@cc.usu.edu

Coordinator for University Assessment: J. Grayson Osborne,
MLIB 301, (435) 797-7048, grayson@coe.usu.edu

Systems Programmer, Lead/Data Warehouse; Unix Systems:
Harold L. Lynch, SER 301, (435) 797-2380, hal@cc.usu.edu

Lead Programmers/Analysts

Peggy Nath (SIS, On-Course, DBA) SER 301, (435) 797-2359,
peggyn@cc.usu.edu

Duane E. Black (FRS, DBA, CICS) SER 301, (435) 797-2404,
duane@cc.usu.edu

John Mays (FAMS, DBA) SER 302, (435) 797-2403,
johnm@cc.usu.edu

A. Douglas Kingsford (HRS, DBA) SER 301, (435) 797-3457,
doug@cc.usu.edu

Lee O. Harris (Web 4; Data Warehouse) SER 301,
(435) 797-2400, lee@cc.usu.edu

Rodney L. Gittins (Aggie Express; FRS-Aux; Parking) SER 301,
(435) 797-2408, rod@cc.usu.edu

Institutional research reflects a set of practices and techniques through which institutions of higher education collect, manage, analyze, and report information about themselves for a variety of purposes. Such purposes include, but are not limited to, quality control (for example, accreditation), budget control, program planning, workload management, governance, and marketing. A long-held function is the collection, analysis, and reporting of information about the institution’s priorities and use of time-and place-specific resources. The programmers in Administrative Data Services maintain and customize selected software applications, including SIS, FAMS, FRS, and HRS, to meet the business requirements of the institution.

USU is entering the initial stages of building a comprehensive institutional research initiative and currently reflects efforts in support of overall information and data management planning, establishment of information management standards and policies, Enterprise Resource Planning, institutional Data Warehouse, and University Assessment. Interface with the Office of Planning and Analysis and the Office of the Provost, in terms of accreditation, is also ongoing.

Academic User Services

Director: Robert (Bob) Bayn, Jr., SER 301, (435) 797-2396,
bob.bayn@usu.edu

Staff Assistant: Peggy Baugh, SER 301, (435) 797-2402,
peggy@cc.usu.edu

Supervisor, Student Labs: Gary D. Egbert, SER 324,
(435) 797-1476, gary@cc.usu.edu

Supervisor, HELP Desk: Stephen Funk, SER 301,
(435) 797-3532, stephen@cc.usu.edu

Academic User Services works in concert with Network, Systems Programming, and Operation Services to provide campus-wide computing services, by maintaining and enhancing the existing infrastructure for students, faculty, and administrative technology needs. This includes, but is not limited to, open-access student labs, test grading, e-mail/Web hosting, consulting services, and HELP Desk assistance. Data entry and test scoring and

scanning services are available, as are commercial computer programs for statistical data analyses. More than 850 microcomputers are located in 11 public labs, and open-access kiosks are in place throughout mainstream campus buildings, enabling easy and immediate student access to e-mail. Future plans include the expansion of the existing HELP Desk model into a more comprehensive "technical resources assistance center" (TRAC), incorporating a central dispatch and call routing service, broad student resource assistance pool, and streamlined training and problem-solving, including web-based tutorials.

Technical Support Services

Director: Jonathan B. Kadis, CC 134, (435) 797-3134, jk@tss.usu.edu

Office Coordinator: Laura Marks, CC 133, (435) 797-5844, laura@tss.usu.edu

Manager, Classroom Support Services: Michael T. Fish, CC 139, (435) 797-7380, mike@cts.usu.edu

Chief Engineer, Technical Operations: Rick D. Hughes, MDLS 111, (435) 797-2706, rick@itse.usu.edu

Manager, Media Production: D. Shane Thomas, MLIB 399, (435) 797-0525, shane@ump.usu.edu

Technical Support Services (TSS) provides consultation for departments and units on campus in the development and use of mediated classrooms, and is responsible for planning, development, implementation, and ongoing technical support of general assigned electronic classrooms. TSS also provides a variety of services campus-wide and to the institution's state partners. These services include technical and operational support for all USU-based delivery technologies, including EDNET (terrestrial, two-way audio/video), analog and digital satellite uplinks and downlinks; dedicated T1 networks; video conferencing; USU/UEN Digital Satellite System; and operational support for the Distance Learning Network and the Public Education Video Network. The Media Production unit provides direction to USU faculty members, departments, and the private business sector in single- and multi-camera live studio and location productions.

Network, Systems Programming, and Operation Services

Director and Technical Services Manager: Kim A. Marshall, SER 301, (435) 797-2413, kim@cc.usu.edu

Staff Assistant: Peggy Baugh, SER 301, (435) 797-2402, peggy@cc.usu.edu

Operations Supervisor: Adrian B. Lundgren, SER 301, (435) 797-2414, adrian@cc.usu.edu

Systems Programming

Harold L. Lynch, Lead/Data Warehouse, Unix; SER 301, (435) 797-2380, hal@cc.usu.edu

George S. Shelby, Systems Programmer: IBM, MVS-0S390; SER 301, (435) 797-2411, george@cc.usu.edu

Kim A. Marshall, Systems Programmer: VMS; SER 301, (435) 797-2413, kim@cc.usu.edu

Network Systems Specialists

Miles G. Johnson, SER 301, (435) 797-2415, miles@cc.usu.edu

Kevin L. Grover, SER 301, (435) 797-2401, keving@cc.usu.edu

Richard S. Major, SER 301, (435) 797-3361, rickm@cc.usu.edu

Network, Systems Programming, and Operation Services provides computing/networking facilities and services for teaching, research, outreach, student, and administrative uses. The centralized equipment provided for use by students, faculty, and staff include an IBM ES9000 series system, a VMS Cluster of five DEC Alphas, and associated peripheral devices. This office maintains network connections to the Internet and Internet 2, providing Worldwide Web access, super-computer access, data transfer, and electronic mail service capability to and from nearly every Internet location in the world. An intra-campus fiber optic data communications backbone is maintained; nearly all campus computers are connected via this facility. A modem pool of 276 modems provides dial-in access to the campus backbone for a modest fee.

Publication Design and Production

Manager, Copy Centers: Remani Rajagopal, (435) 797-2620

Manager, Printing and Operations: Dale P. Smith, (435) 797-2626

As the publication arm of Information Technology, Publication Design and Production provides the campus community with expertise and service in all printing and publication areas. Duplication and electronic output are provided through five on-campus copy centers. A full-service printing operation is available for the creation of printed University publications.

Photography Services

Manager: Donna Barry, (435) 797-2262

Photography Services provides support to the faculty and University through the availability of photographers for studio, location, or specialized assignments. In-house lab services include: processing and custom-printing of color/black and white negative films; same-day processing of slide films (E-6); production of duplication slides, copy slides, and copy negatives; and sale of films and other photographic supplies.

Libraries and Instructional Support

The office of the Vice Provost for Libraries and Instructional Support oversees library services to the campus community and supports University faculty in their teaching. Three units comprise Libraries and Instructional Support: University Libraries, the Faculty Assistance Center for Teaching, and the Center for Online Education. As a division of the Provost's Office, Libraries and Instructional Support serves the teaching, research, and service missions of the University by providing access to a wide range of resources, assistance in creating instructional materials, and training in the use and integration of technology for teaching and learning.

Administration

Interim Vice Provost: Linda L. Wolcott, (435) 797-2645

Staff Assistant: Christina Palmer, (435) 797-2645

University Libraries

Interim Associate Director for Public Services: John Elswailer, (435) 797-2631

Interim Associate Director for Technical Services: Betty Rozum, (435) 797-3961

Interim Assistant Director for Collection Development: Richard B. Schockmel, (435) 797-2673

Interim Assistant Director for Special Collections and Archives: Ann Buttars, (435) 797-2661

Staff Assistants:

Becky Olson, (435) 797-2639

Trina C. Shelton, (435) 797-2631

Reference Services: John Elswailer

Circulation Services: Vicki Read

Government Documents: John S. Walters

Cataloging: Cheryl Walters

Acquisitions: Richard B. Schockmel

Serials and Binding: Betty Rozum

Library Systems: R. Todd Hugie

Consisting of the Merrill Library and the Cazier Science and Technology Library, University Libraries maintains an extensive collection of books, periodicals, and electronic resources. The University Libraries has been designated as a regional depository for federal documents, resulting in one of the outstanding collections in the Intermountain West. A diverse collection of local, state, and international documents is also available. Further, the libraries hold many specialized bibliographies, indexes, indexing and abstracting services, electronic full text, and subscription services crucial to researching needed materials.

Trained library personnel specializing in reference and documents are available to provide personal assistance. Through the Interlibrary Services Department, library patrons can access the collections of libraries in this country and around the world. The Libraries are members of the Bibliographic Center for Research, the Center for Research Libraries, the Utah Academic Library Consortium, SPARC, and the Greater Western Library Alliance. The Division of Special Collections and Archives contains a significant body of primary source material including manuscripts and rare books for area studies and for all aspects of the University's history. University Libraries may be accessed online at: <http://www.usu.edu/library>.

Faculty Assistance Center for Teaching

Main Office: (435) 797-9506

Supervisor: Kevin L. Reeve, (435) 797-0783

Support Specialist: Becky Wheeler, (435) 797-9506

Website: <http://www.fact.usu.edu>

The Faculty Assistance Center for Teaching (FACT) supports the faculty in the development of computer-based and web-based instructional materials, and in the use of technologies for teaching and learning. FACT maintains a design and development laboratory, where faculty can develop and test instructional support materials. The center also maintains PC and Mac workstations in a networked environment, supporting a broad range of software for authoring, presentation, and graphics. Working hand-in-hand with clients, instructional designers provide consultation and technical assistance in the design and development of online courses and other mediated forms of instructional materials. The center also provides faculty training and development workshops, utilizing state-of-the-art technologies.

Center For Online Education

Main Office: (435) 797-5566

Director: Christine Hult, (435) 797-5565

Website: <http://www.cole.usu.edu>

The mission of the Center for Online Education (COLE) is to conduct and disseminate research on the best practices for online teaching and learning. COLE focuses on identifying effective methods for delivering a high-quality education using online technology, and on sharing information with the educational community both locally and at large. COLE is committed to effective online education through research and assessment, building community among online educators, and serving as a clearinghouse for information about sound practices.

Support Services

The University provides a number of programs and agencies to facilitate students in their educational pursuits. Related services are also provided. Some of these services are administered through the **Provost's Office**, while others are under the direction of the **Student Services Office**, as shown below. Students are invited to contact the following offices for information about the University, student services, and student-organized activities.

Provost's Office

Provost and Executive Vice President: Stan L. Albrecht, Main 140, (435) 797-1167

Vice Provost for Academic Affairs/Faculty Personnel: Noelle E. Cockett, Main 146 (435) 797-0979

Interim Vice Provost for Libraries and Instructional Support: Linda L. Wolcott, MLib 301, (435) 797-2687

Assistant Provost: Sydney M. Peterson, Main 138, (435) 797-1170

Vice Provost for Undergraduate Studies and Research: Joyce Kinkead, Main 142, (435) 797-1706

Associate Vice Provost for Enrollment Management:

Lynn J. Poulsen, SC 246, (435) 797-1258

Admissions Office: Lynn J. Poulsen, (435) 797-1096

Residency: Ann Gibbons, (435) 797-1107

Director, Financial Aid: Judy LeCheminant, SC 106, (435) 797-0173

Director, Recruitment/Enrollment Services: Eric R. Olsen, University Inn 101, (435) 797-1129

Interim Registrar: Heidi Jo Beck, SC 246, (435) 797-3734

Registration: Nancy Hirst, (435) 797-1094

Enrollment Verification: Lillian Tripp, (435) 797-1102

Records Office: JanaLee Johnson, (435) 797-1117

Graduation Office: JanaLee Johnson, (435) 797-1117

Assistant Registrar for Curriculum Management: Cindy B. Moulton, SC 246, (435) 797-1140

Assistant Registrar for Technology: Suzette Baker, SC 246, (435) 797-1119

SIS Plus Help Desk: Mary Smith, SC 246, (435) 797-7095

Veterans Services Office: Lillian Tripp, (435) 797-1102

Assistant Registrar for Extension:

Derri Dee (Dee Dee) Leonard, ECC 103, (435) 797-3697

Director, Advising and Transition Services:

John D. Mortensen, SC 304, (435) 797-3373

Director, Science/HASS Advising Center: Mary E. Leavitt, SC 302, (435) 797-3883

Student Services Office

Vice President for Student Services: Patricia S. Terrell, SC 220, (435) 797-1712

Assistant for Special Events and Projects: Randy Jensen, SC 220, (435) 797-1732

Director, Student Publications: Jay C. Wamsley, SC 319, (435) 797-1759

Campus Judicial Officer: Dallin J. Phillips, UI 102, (435) 797-1754

Director, Counseling Services: Mary E. Doty, SC 306, (435) 797-1012

Director, Student Health Services: James W. Davis, Student Health and Wellness Center, 850 East 1200 North, (435) 797-1660

Director, Student Wellness Center: JoAnn R. Autry, Student Health and Wellness Center 119, 850 East 1200 North, (435) 797-1010

Director, Student Activities and Leadership Development Center: Tiffany Evans, SC 326, (435) 797-2911

Director, Multicultural Student Services: Everardo Martinez-Inzunza, SC 309, (435) 797-1733

Assistant Vice President for Student Life and Director of Taggart Student Center: Gary A. Chambers, SC 326, (435) 797-3137

Director, Housing and Food Services: Steven C. Jenson, 1295 East 1000 North, (435) 797-3266

Director, Programs and Entertainment: Derek Furch, SC 311, (435) 797-1738

Director, Campus Recreation and Outdoor Recreation Center: Deanne J. Williams, HPER 126, (435) 797-1502

Director, Women's Center/Reentry Student Center: Janet L. Osborne, SC 310, (435) 797-1728

Director, USU Children's House: Linda Ebersole-Gilgen, 862 East 900 North, (435) 797-3657

Assistant Vice President for Academic Support

Services: LaVell E. Saunders, UI 101, (435) 797-1132

Director, Academic Resource Center: Noelle A. Call, SC 305, (435) 797-1128

Director, Career Services and Cooperative Education: David F. Hart, University Inn 102H, (435) 797-7777

Director, International Students and Scholars: Negar C. Davis, SC 313, (435) 797-1124

Director, Disability Resource Center/ADA Coordinator: Diane C. Hardman, SC 104, (435) 797-2444

Director, Student Support Services: Nazih T. Al-Rashid, SC 225, (435) 797-3372

Supervisor, Testing Services: Eric W. Jensen, University Inn 115, (435) 797-1004

University Extension

Office in Agricultural Science 209, (435) 797-2200

Vice President and Dean for Continuing Education:

Jack M. Payne

Associate Vice President for Extension and Associate Dean for

Continuing Education: Weldon S. Sleight

Assistant Director for Extension and Director, 4-H Youth

Programs: Kevin C. Kesler

Assistant Dean for Continuing Education: Laird M. Hartman

Assistant to the Vice President: Arla Swensen

Business Manager: Steven R. Broadbent

Director, Government Relations: Lee Roderick

Administrative Assistant, Credit Programs, Continuing

Education: Miriam D. Cajal

Assistant Director for University Extension:

V. Philip Rasmussen

Civil Rights and Affirmative Action: Marlene Berger

Accountability/Reporting: Stanley M. Guy

4-H Youth Development Specialist: Ross A. Jacobson

4-H Youth Development Specialist: Debra A. Jones

4-H Youth Development Specialist: John Paul Murphy

4-H Activities Coordinator: Carla D. Lee

4-H State Staff Assistant: Lorry Reed

4-H State Secretary: Megan Goodworth

Staff Assistants, University Extension: Anita Kingdon,

John Monson, Kathy Teeter

USU Extension Regional Department Heads

Northern Region (Box Elder, Cache, Rich):

Scott S. McKendrick

Southeast Region (Carbon, Emery, Grand, San Juan):

James D. Keyes, Kathleen Robinson

Southwest Region (Beaver, Garfield, Iron, Juab, Kane,

Millard, Piute, Sanpete, Sevier, Washington, Wayne):

Diane J. Reese

Uintah Basin Region (Daggett, Duchesne, Uintah):

Guy W. Denton

Wasatch Front Region (Davis, Morgan, Salt Lake, Summit,

Tooele, Utah, Wasatch, Weber): N. Jean Kobayashi

University Extension Specialists

Biological and Irrigation Engineering

Irrigation Engineering: Robert W. Hill

Agricultural Systems Technology and Education

Agriculture in the Classroom: Debra M. Spielmaker

Animal Waste Management: John D. Harrison

Energy, Structures, and Machinery: F. Richard Beard

Animal, Dairy and Veterinary Sciences

Animal Science: W. Craig Burrell, Kim Chapman

Beef: Dale R. ZoBell

Dairy Science: Ronald L. Boman, Jonathan W. Merriam,

Jeffrey L. Walters, Allen J. Young

Equine: Tiffany Julen Day, William E. Day

Pesticides and Toxicology: Howard M. Deer

Poultry: Robert E. Buckner, David D. Frame

Swine: Haven B. Hendricks

Veterinary Science: Clell V. Bagley

Agricultural Economics

Agricultural Economic Development: Jody A. Gale

Agribusiness Management: Ruby A. Ward

Farm Management: E. Bruce Godfrey

Plants, Soils, and Biometeorology

Agronomist (Crops): Ralph E. Whitesides

Agronomist (Weeds): Steven A. Dewey

Fruit: Anthony H. Hatch

Horticulture: Debbie Amundsen, Daniel T. Drost,

Larry A. Rupp, William A. Varga

Plants, Soils, and Biometeorology Research: Jason Murdock,

Robert L. Newhall

Soil Fertility: Richard T. Koenig

Turf: Paul G. Johnson

Geospatial Space Application Program: V. Philip Rasmussen

Economic Development

Community and Economic Development: Marion T. Bentley

Economics: Donald L. Snyder

Income Tax: Tyler Bowles

Marketing, Outlook: DeeVon Bailey

Small Business Development: Franklin C. Prante

Landscape Architecture and Environmental Planning

Landscape Architecture and Community Development:

David L. Bell

Western Rural Development: Steven E. Daniels

Manufacturing Engineering

Manufacturing Engineering: Stephen S. Reed

Sociology

Sociology: David L. Rogers

Family and Human Development

Family and Human Development: Glen O. Jensen,

Thomas R. Lee

Human Environments

Entrepreneurship, Home-Based Business, Clothing and

Textiles: Karen Biers

Family Resource Management: Barbara R. Rowe

Housing, Home Management: Leona K. Hawks

Nutrition and Food Sciences

Dairy Safety: Donald J. McMahon

Food Safety: Charlotte P. Brennand

Meat Safety: Von T. Mendenhall

Nutrition: Nedra K. Christensen, Deloy G. Hendricks, Georgia C.

Lauritzen, Kristine S. Saunders

Fisheries and Wildlife

Wildlife Resources: Terry A. Messmer

Forest Resources

Wildland Recreation: Dale J. Blahna

Forestry: Michael R. Kuhns, Darren J. McAvoy

Geography and Earth Resources**Geography and Earth Resources:** Nancy O. Mesner**Rangeland Resources****Range:** James E. Bowns**Range Management:** Roger E. Banner, G. Allen Rasmussen**Biology****Biology:** Michael Reding**Disease Diagnostics:** Scott C. Ockey**Entomology:** Diane G. Alston, Edward (Ted) Evans,
Jay B. Karren**Insect Diagnostics:** Alan H. Roe**Plant Pathology:** Sherman V. Thomson**County and Area Agents****Beaver:** R. Mark Nelson**Box Elder:** Ann E. Henderson, Lyle Holmgren, Thomas A. Reeve**Cache:** Clark E. Israelsen, Adrie J. Roberts, Scott R. Williams**Carbon:** Ellen J. Serfustini, Marlon B. Winger**Davis:** Shawn H. Olsen, JoAnn M. Ross, William A. Varga**Duchesne:** Troy D. Cooper, Barbara B. Mathis**Emery:** Christine E. Jensen, Dennis R. Worwood**Garfield:** Kevin Heaton**Grand:** Michael S. Johnson**Iron:** Chad R. Reid, Kathleen Riggs**Juab:** Jeffrey E. Banks, Margie P. Memmott**Kane:** Kevin Heaton, Julie M. Ingersoll**Millard:** Michael G. Pace, Joan B. Sellers, Jim Stevens**Morgan:** Margaret H. Hopkin**Piute:** Verl L. Bagley, Carol H. Williams**Rich:** To be appointed**Salt Lake:** Marilyn Albertson, Wade B. Bitner, Earl K. Jackson,
Stephen H. Jackson, Paula E. Scott**San Juan:** James D. Keyes, Heidi LeBlanc**Sanpete:** Gary L. Anderson, JoAnn Hermansen**Sevier:** C. Kim Chapman, Jody A. Gale, Ann B. Parkinson**Summit:** Sterling J. Banks, Faye P. Boyer**Thanksgiving Point:** Carolyn L. Bayless, Larry A. Sagers**Tooele:** Curtis R. Crittenden, Matthew D. Palmer, Lee Sherry**Uintah:** Boyd M. Kitchen, Ronda H. Olsen**Utah:** JoLene B. Bunnell, W. Craig Burrell, Judy L. Harris,
Anthony H. Hatch, Adrian C. Hinton, Jim C. Jensen,
F. Dean Miner**Wasatch:** Steven D. Cox, Debra G. Proctor**Washington:** Suzanne Jorgensen, Vernon C. Parent**Wayne:** Verl L. Bagley, Carol H. Williams**Weber:** James V. Barnhill, Kay L. Evans, Teresa Hunsaker,
Darrell F. Rothlisberger**College Extension Administrators****Agriculture:** Ralph E. Whitesides**Business:** David H. Luthy**Education:** Michael K. Freeman**Engineering:** Alma P. Moser**Family Life:** Georgia C. Lauritzen**Humanities, Arts, and Social Sciences:** David L. Rogers**Natural Resources:** Charles W. Gay**Science:** Kandy Baumgardner**USU Extension**

Office in Agricultural Science 209, (435) 797-2200

USU Extension includes the Cooperative Extension Service and Continuing Education Programs, the latter encompassing Conference Services, Credit Programs, Independent and Distance Learning, Evening School, and various branch campuses and centers across Utah.

Cooperative Extension Service

The Cooperative Extension Service is sponsored and financed jointly by federal, state, and county governments. There is a Cooperative Extension Service in the land-grant institution of each state.

The main functions of the Cooperative Extension Service are to develop leadership, resourcefulness, and initiative; to supply factual information for discovering and solving problems; and to help people become more efficient, increase their income, improve their home and community environment, and raise their standard of living. University Extension takes the findings of research to the people of the state and brings unsolved problems back to research workers at the University.

Extension programs are planned with the people. The demonstration method of teaching and mass media are used extensively. Group meetings, short courses, and publications are used to supply educational information.

Administrative and some supervisory personnel and subject matter program leaders are located on the USU campus. In addition, a field staff consisting of regional department heads, area specialists, county faculty, and program aides serve the people throughout the state.

The Extension program includes work with both adults and youth.

Major program areas are centered around (1) agriculture, (2) 4-H and youth programs, (3) family life, (4) community resource development, (5) natural resources and environmental management, and (6) EFNEP (nutrition education for low-income families).

Central in the function of University Extension is problem solving at the community level. Through research provided by the departments of the University, the community becomes a laboratory in the teaching-learning process. Community problems are extremely varied and complex. Consequently, University Extension educational programs designed to benefit the community require creativity and innovation of the colleges and departments according to their areas of competency.

To carry out this function, Extension programs at Utah State University focus on the knowledge competencies from the appropriate disciplines on four broad areas of concern to people of Utah: physical environment, social environment, economic and industrial development, and education instructional services.

Continuing Education Programs

During the past two decades, faculty and administration of the University have strengthened service to residents through the development of the Continuing Education Programs, a combination of advanced educational philosophy and educational practice. Continuing Education is a growing concept in higher educational philosophy. It recognizes that learning is necessary and takes place throughout one's life, from adolescence through retirement. Continuing Education provides opportunities for professional or vocational learning, and also provides for lifelong enrichment through participation in social and cultural programs. Through such programs, persons of all ages are able to enrich their lives

and increase their knowledge without disrupting their employment or lifestyle.

Kellogg Life Span Learning Complex. The W. K. Kellogg foundation and other private funding sources have made it possible to build three structures, centrally located on the campus, for Continuing Education Programs. The five-story University Inn is located in an area between the Taggart Student Center and the Agricultural Science Building. The 53,079 square foot, five-story facility contains 74 modern hotel rooms, two of which are suites, to house those who visit campus for a variety of programs.

The 39,143 square foot, three-story Conference Center is located between the Agricultural Science Building and the Merrill Library. The spacious conference meeting rooms overlook the beautiful quad area near the intersection of the two major malls serving the campus. The facilities feature satellite uplink and downlink capabilities, Internet access in all meeting rooms, and state-of-the-art audiovisual presentation equipment. The conference facilities include 12 meeting rooms ranging from a 400-seat auditorium to small seminar rooms for 10 to 30 people. Administrative offices for Continuing Education Programs are also located in the Conference Center. Individuals and groups of all ages are encouraged to investigate this expanded resource of Utah State University as a means of pursuing their unique educational goals.

Conference Services. The responsibility for conferences, short courses, symposiums, seminars, and institutes is vested in the Conference Services Office. The role of this office is to promote, coordinate, and administer conference programs in cooperation with faculty members of the various campus organizations and with individuals and groups outside the University.

There are no limitations in terms of age or educational background on the clientele to be served through Conference Services. All that is required is a desire to learn. The scope of the program will be as broad as available knowledge resources will permit.

Continuing learners may participate in educational activities for a variety of justifiable reasons, all of which relate to recognized needs for self-improvement, an appetite for intellectual stimulation through social interaction, or simply a desire to learn.

Degree Programs

A large number of people living in communities or areas remote from the University campus desire to benefit from university training but cannot come to Logan to register for resident courses. For this group, courses are made available to approximately 50 different communities of the state through on-site faculty, through visiting faculty, and via an interactive telecommunications system using digital satellite technology. In addition, some courses are available on the Internet, and others will be added. Such courses are offered by the respective academic departments. Off-campus credit courses are equivalent in content hours of class instruction and preparation, and otherwise meet the same prerequisites as comparable classes offered on the University campus.

Classes may meet the requirements for a bachelor's degree, as determined by the individual departments and colleges. They also may meet the requirements for a master's degree with approval of the School of Graduate Studies.

All instructors in credit courses are either members of the regular University teaching faculty officially assigned to the teaching project concerned or nonresident members approved by the head of the department and by the college administration.

The registration fees charged for classes conform to regulations of the Board of Regents. Fees may not be less than the on-campus tuition and may be more if warranted by the additional expense of conducting the class off campus.

Independent Study

Many individuals desire organized, systematic instruction but live in isolated areas, or for other reasons cannot meet for class instruction on the University campus or its resident centers. For such individuals, USU provides a liberal offering through a wide variety of Independent Study courses in many departments of the University. This program furnishes an excellent opportunity to students of high school or college level and to adults who desire general education and professional improvement in selected fields.

For admission to Independent Study courses, an enrollee must be at least 19 years of age or a high school graduate, or must submit 15 credits of high school work.

High school students demonstrating superior ability may enroll for University credit courses.

As many as one-fourth of the credits necessary for a bachelor's degree may be earned by completing Independent Study courses (30 semester credits). Each college of the University, subject to faculty approval, determines the nature and amount of Independent Study credit accepted for admission and graduation. In no case is Independent Study credit to comprise more than 25 percent of the total number of credits accepted for graduation. Independent Study courses are **not** accepted for graduate degrees.

Independent Study Catalog. Anyone interested in Independent Study may request a catalog containing complete information concerning this program by writing to Independent and Distance Education, Utah State University, 3080 Old Main Hill, Logan UT 84322-3080, or phone (435) 797-2132.

Evening School

The Evening School provides a source of continuing education for those students unable to attend classes during the day. The classes and faculty are the same, and the credit is the same as if it were earned during the day.

As a convenience to students, coursework has been combined into one class period per week. For example: students can take a three-credit course one evening a week, or one class Friday evening and one Saturday morning as part of the weekend college concept.

Further information can be obtained by contacting the Evening School staff in room 102 of the Eccles Conference Center or by calling (435) 797-3104.

USU Continuing Education Centers

Blanding Center: 639 W 100 S, PO Box 875, Blanding UT 84511; tel. (435) 678-2072.

Brigham City Branch Campus: 265 W 1100 S, Brigham City UT 84302; tel. (435) 734-2277.

Delta Center: 305 E 200 N, Delta UT 84624; tel. (435) 864-4020.

Dugway: Army Education Center, Bldg 5124 Rm 234, Dugway UT 84022; tel. (435) 831-3348.

Emery Center: 955 N Center St, PO Box 1050, Castle Dale UT 84513; tel. (435) 381-2233.

Ephraim: Snow College Center, 325 W 100 N, Ephraim UT 84627; tel. (435) 283-7590.

Moab Center: 125 W 200 S, PO Box 938, Moab UT 84532; tel. (435) 259-7432.

Ogden Center for Graduate Studies: Weber Campus, 3104 University Circle, Ogden UT 84408-3104; tel. (801) 626-8141.

Orem: USU/UVSC Education Center, 800 W University Parkway, Mailstop 149, Orem UT 84058; tel. (801) 222-8450.

Price Center: 651 E 600 N, PO Box 874, Price UT 84501-0874; tel. (435) 613-5617.

Richfield Center: 200 S 800 W Suite B, Richfield UT 84701; tel. (435) 896-3654.

Roosevelt: Uintah Basin Branch Campus, 987 E Lagoon (124-9), Roosevelt UT 84066; tel. (435) 722-2294.

Salt Lake Center for Graduate Studies: 5250 Commerce Drive, Murray UT 84123; tel. (801) 269-9422.

St. George: Dixie Center, 225 S 700 E, St. George UT 84007; tel. (435) 652-7892.

Tooele Branch Campus: 1021 W Vine, Tooele UT 84074; tel. (435) 882-6611.

Vernal: Uintah Basin Branch Campus, 1680 W Hwy 40 #101A, Vernal UT 84078; tel. (435) 789-6100.

Wendover Center: 150 W Wendover Blvd, PO Box 2409, Wendover NV 89883; tel. (775) 664-4359.

University Research

Vice President for Research: Brent C. Miller
Office in Main 159, (435) 797-1180

Associate Vice President for Research: M. Kay Jeppesen
Office in Main 159, (435) 797-1227

Associate Vice President for Research: H. Paul Rasmussen
Office in Agricultural Science 225, (435) 797-2207

Research Programs

Utah Agricultural Experiment Station:

Director H. Paul Rasmussen

Engineering Experiment Station: Director Alma P. Moser

Utah Center for Water Resources Research:

Director Ronald C. Sims

Utah Water Research Laboratory: Director Ronald C. Sims

Ecology Center: Director Martyn M. Caldwell

Laboratory Animal Research Center:

Director Stanley D. Allen

Center for Atmospheric and Space Sciences:

Director Robert W. Schunk

Utah State University Research Foundation:

Chief Executive Officer: David G. Norton

Space Dynamics Laboratory: Director Allan J. Steed

Center for Persons with Disabilities (CPD):

Director Sarah Rule

Bureau of Research Services, College of Education:

Associate Dean Carol J. Strong

Institute of Political Economy: Director Anthony A. Peacock

Economics Research Institute: Director Terrence F. Glover

Institute for Land Rehabilitation:

Interim Director John C. Malechek

Cache County Study in Memory and Aging:

Project Director Maria Norton; in conjunction with the Center for Epidemiologic Studies

Federal Interagency Natural Resources and Environmental Analysis and Synthesis Center: Director F. E. "Fee" Busby, Dean, College of Natural Resources

Utah Division, UCAN (UT, CO, AZ, NM) Consortium:

Director Carolyn G. Barcus

Utah Hip Fracture Study: Principal Investigator

Ronald G. Munger; **Co-Principal Investigator**

Nancy E. Sassano

Geographical Information Systems Remote Sensing Lab:

Interim Director R. Douglas Ramsey

Research Supporting Activity

Contract and Grant Office: Director Michael R. Lewis

Research Committees

University Research Council: Chairman Brent C. Miller

University Safety Committee: Chairman Howard M. Deer

Radiological Safety Committee: Chairman William F. Campbell

Committee on Experimental Animals: Chairman Stanley D. Allen

Committee on Human Subjects: Chairman E. Helen Berry

Institutional Biosafety (RDNA) Committee: Chairman John D. Morrey

Indirect Cost Waiver Committee: Secretary M. Kay Jeppesen

Biohazards Committee: Chairman Robert W. Sidwell

Chemical Hygiene Committee: Chairman Joan E. McLean

State Arboretum at Utah State University: Mary E. Barkworth

Cooperative Research Units

Utah Cooperative Fish and Wildlife Research Unit: John A. Bissonette
USDA Forestry Sciences Laboratory: Raymond W. Brown

USU was among the first of the colleges and universities in the intermountain area to have a research program. Originally research was principally in agriculture. Now research projects span every college and virtually all departments of the University.

Research is closely associated with teaching and student laboratory activities. Most research is conducted by faculty and staff members who are actively involved in teaching.

Many graduate and undergraduate students are employed to assist in research. The experience thus gained by students is an important part of their education.

Research affiliated with the University is under the general administration of the Vice President for Research. Actual research operations are conducted in colleges and departments and within the research units designated above.

Research stipends are available for many graduate students within the several colleges and research units. Opportunities exist for multidisciplinary programs through such units as the Ecology Center, the Center for Atmospheric and Space Sciences, the Utah Agricultural Experiment Station, the Institute for Land Rehabilitation, the Center for Biotechnology, and the Center for Water Resources Research. There are numerous well-equipped laboratories such as the Utah Water Research Laboratory, the Space Dynamics Laboratory, the MS/GIS Laboratory, the Center for Persons with Disabilities, the many facilities of the Utah Agricultural Experiment Station, and in Biology and Natural Resources.

Policies on research are reviewed by the University Research Council. Present members of the council and the area each represents are: Brent C. Miller, Chairman; M. Kay Jeppesen, Associate Vice President for Research; Stan L. Albrecht, Provost; Joyce Kinkead, Vice Provost for Undergraduate Studies; Donald L. Snyder, Agriculture; David B. Stephens, Business; Gerard R. Giordano, Dean of Education; Carol J. Strong, Associate Dean for Research, College of Education; A. Bruce Bishop, Engineering; Bonita W. Wyse, Family Life; Ann Leffler, Humanities, Arts and Social Sciences; F. E. "Fee" Busby, Natural Resources; Donald W. Fiesinger, Science; Thomas L. Kent, Dean, School of Graduate Studies; Barbara A. White, Information and Learning Resources; David G. Norton, USU Research Foundation; Frank J. Redd, Center for Space Engineering; H. Paul Rasmussen, Utah Agricultural Experiment Station; Ronald C. Sims, Utah Water Research Laboratory; Martyn M. Caldwell, Ecology Center; Sarah Rule, Center for Persons with Disabilities; Dennis L. Welker, Faculty Senate; and two student members.

The Office of

University Research

Vice President for Research: Brent C. Miller
 Office in Main 159

The policy of the University is to encourage and support research and all forms of creative, scholarly activities by faculty and staff members. Much of the research is supported by funds directly assigned to various administrative units of the University. Unrestricted funds for general support of research are administered through the Research Office.

The Research Office serves as a coordinating center for all research associated with the University. General policies and procedures pertaining to research and the promotion of a coordinated research program are the responsibility of the University Research Council.

Agricultural Experiment Station

Director: H. Paul Rasmussen
 Office in Agricultural Science 225

The Agricultural Experiment Station was established in 1888 when the territorial legislature passed a bill creating Utah Agricultural College and Utah Agricultural Experiment Station. It is commissioned by state and federal legislative acts to conduct research needed to conserve and manage natural resources; to produce, prepare, and market food and fiber; and to develop and improve rural living.

The Experiment Station is administratively responsible to the Dean of the College of Agriculture and fulfills its mission with more than 130 full- or part-time professional staff members located in 14 departments of the University, and operates under a Policy Advisory Board comprised of college deans, chaired by the Dean of Agriculture. The staff includes about 35 employees of the U.S. Department of Agriculture who collaborate in agricultural research activities. A large number of undergraduate and graduate students are employed on a part-time basis to assist with research.

Experiment Station research is periodically reviewed by advisory committees representing all agricultural industries. These committees evaluate the research progress and recommend areas for further study.

Most of the research facilities of the Experiment Station are on the USU campus in various University buildings. In addition, the Experiment Station operates other farms and associated research facilities throughout the state. Field tests and studies of industries and communities are conducted on a short-term basis at more than 100 other locations each year.

Engineering Experiment Station

Director: Alma P. Moser
 Office in Engineering Class EC 110

The Engineering Experiment Station, as part of the College of Engineering, has the broad purpose of furthering engineering sciences; engineering research, design, and development; and engineering education. The station was established in 1918 and is financed by federal, state, and industrial grants.

The director of the Engineering Experiment Station, the engineering department heads, and the individual faculty members share the responsibility to develop engineering research programs to advance knowledge and to serve the needs of the state and the nation. Interdisciplinary programs are encouraged. Financial support and professional training for graduate and undergraduate students are provided in the research programs.

Faculty members with similar and complementary talents have organized into working groups which appropriately identify their areas of research. The mutual stimulation and organizational visibility thus achieved aids in mounting effective attacks on engineering problems encountered by the state and nation. Some of the recent areas of research in the Engineering Experiment Station include irrigation and water management, toxic and hazardous waste management, solid waste recycling, risk assessment, transportation, structural systems, geotechnical analysis and buried

structures, CAD/CAM, robotics and automation, thermal and cryogenic systems, image processing and compression, computer networking, parallel computing, neural networks, virtual reality, and wireless technology.

Utah Center for Water Resources Research (UCWRR)

Director: Ronald C. Sims

Associate Director: Mac McKee

Supervisor of Administrative Services and Infrastructure: Jan S. Urroz

Council Members: A. Bruce Bishop, Chair; Stan L. Albrecht, F. E. "Fee" Busby, Martyn M. Caldwell, Donald W. Fiesinger, Brent C. Miller, H. Paul Rasmussen, Donald L. Snyder

Office in Utah Water Research Laboratory

Purposes of the Utah Center for Water Resources Research are to (1) foster interdepartmental research and educational programs in water resources, (2) administer the State Water Research Institute Program funded through the U.S. Geological Survey at USU for the State of Utah, and (3) provide University-wide coordination of water resources research.

The governing body for the Utah Center for Water Resources Research is a council composed of the deans of the Colleges of Agriculture, Engineering, Natural Resources, Science, and Humanities, Arts and Social Sciences; directors of the Utah Agricultural Experiment Station, Utah Water Research Laboratory, and Ecology Center; and vice president for research.

All University faculty engaged in water resources education or research are considered associates of the center. The center promotes and coordinates the development of research and instructional programs that will further the training of water resource scientists and engineers. It maintains liaison relationships with appropriate state, national, and international organizations and agencies having similar objectives.

Utah Water Research Laboratory (UWRL)

Director: Ronald C. Sims

Associate Director: Mac McKee

Supervisor of Administrative Services and Infrastructure: Jan S. Urroz

The Utah Water Research Laboratory houses one of the finest facilities in the country for research in groundwater, hydraulics, environmental engineering, hazardous waste management, water resources, and hydrology. Campus-wide interactions give all of these programs a strong interdisciplinary flavor that few other programs can match. The building provides more than 102,000 square feet of research space that is intensively used for a variety of studies. The faculty, students, and technical support personnel connected with the laboratory (totaling approximately 225 individuals working on more than 100 projects during the 2000 fiscal year) provide both a breadth and depth of expertise important for water resources management in the state, nation, and world.

Centers affiliated with the UWRL include: Environmental Management Research Center, Institute for Natural Systems Engineering, International Office for Water Education, Substitute Teaching Institute, Utah Center for Water Resources Research, and Utah On-site Wastewater Treatment Training Center.

Facilities. Hydraulic testing utilizes flows up to 180 cfs on model studies served by a variety of flumes, channels, pumps, pipelines, weighing tanks, and supporting instrumentation. Environmental research is served by gas chromatographs, high pres-

sure liquid chromatographs, a gas chromatograph/mass spectrophotometer, an ion chromatograph, liquid scintillation counters, an atomic absorption spectrophotometer, an inductively coupled plasma emission spectrophotometer, and microscopy, bioassay, and toxicity testing capabilities.

Program and Staff. The laboratory serves as a research arm to state and local agencies with water, air, and environmental issues, and facilitates research on a wide variety of topics affecting agricultural, municipal, industrial, and recreational users of water. Both basic and applied research are joined in practical problem solving.

A diversified staff of internationally recognized experts conducts multidisciplinary studies in surface and groundwater management. The expert teams draw from engineering, chemistry, biology, meteorology, sociology, economics, political science, forestry, fisheries, and other fields. The research program addresses hazardous waste management, groundwater development, water supply, on-site wastewater treatment, air quality, water resources planning at the river basin scale, cavitation, flow transients, hydraulic structure design, use of satellite data in hydrologic analysis, risk-benefit assessment, dam safety, effects of climate change, and water education in public schools.

Academic and Research Liaison. Research at UWRL is closely linked to academic programs through graduate research and joint appointments for professorial staff who have teaching assignments in academic departments, including the Civil and Environmental Engineering Department and the Biology Department.

UWRL assistantships help students financially and academically. The "tutorial" relationship between student and professor develops experience in research methods and introduces new ideas about real world problems into the formal training programs of water scientists and engineers. During the 2000 fiscal year, more than 50 graduate students received research assistantships and made important contributions to the science and practice of water resources and environmental quality management.

Center for Atmospheric and Space Sciences

Director: Robert W. Schunk

Office in SER 246

Interim Dean of Science: Donald W. Fiesinger

The Center for Atmospheric and Space Sciences is recognized both nationally and internationally for its research programs. Through this interdisciplinary center, research is conducted by faculty and student teams in many widely varied areas of atmospheric and space sciences and associated disciplines.

The capabilities and strengths of the USU atmospheric and space research program have been repeatedly demonstrated through the completion of many successful research programs. Since 1970, USU has launched more than ninety rocket-borne payloads, more than eight high-altitude balloon-borne payloads, and participated in many aircraft-borne research programs. The instrumentation included on these vehicles has ranged from simple experiments aboard small meteorological-type vehicles to large, complex, recoverable payloads designed expressly for comprehensive studies of atmospheric and ionospheric parameters. In addition, various individuals have participated in ESA and NASA spacecraft programs. Ground-based research is based on lidar observations of the middle atmosphere from the Atmospheric Lidar Observatory (on campus), optical and other observations of the middle and upper atmosphere from USU's Bear Lake Observatory

(40 miles from campus), and observations of the middle and upper atmosphere, including the ionosphere, at most of the U.S. chain of incoherent-scatter radars (Sondrestrom, Millstone Hill, Arecibo, Jicamarca). Also, studies of low-latitude ionospheric electrodynamics using incoherent scatter radars, satellites, and Fabry-Perot measurements have been conducted. An extensive theoretical/modeling program is currently active in CASS. Large-scale three-dimensional numerical models have been developed to describe the ionosphere, the atmosphere, the plasmasphere, and the polar wind. Space contamination models describing the environment around space vehicles have been developed. In addition, particle-in-cell (PIC) simulation codes are being used to study plasma expansion processes, contact potentials, electron-beam plasma interactions, shocks, nonlinear wave-particle and wave-wave coupling, and several auroral plasma physics problems.

Undergraduate and graduate students are currently involved in numerous research projects in CASS that provide opportunities to program computers, analyze data, build instrumentation, and operate state-of-the-art instruments. Students are encouraged to actively participate in solving research-related problems, where they can receive valuable exposure to scientific programs as well as "hands-on" experience in research while they pursue degrees. Research assistantships are available to both undergraduate and graduate students (PhD and master's level) under the direction of faculty members associated with the center. Degrees related to research work are awarded by the associated departments, including: Chemistry and Biochemistry, Electrical and Computer Engineering, Physics, and Plants, Soils, and Biometeorology.

Utah State University Research Foundation

Chairman of the Board of Trustees: Charles Watt

Chief Executive Officer: David G. Norton

Vice President for Finance and Administrative Affairs: M. Kay Jeppesen

Space Dynamics Laboratory

Director: Allan J. Steed

Deputy Director, Operations and University Relations: Frank J. Redd

Deputy Director, Engineering and Programs: Harry O. Ames

Associate Lab Directors:

RAMOS: Thomas W. Humpherys

Sensor Systems and Special Programs: J. Steven Hansen

Calibration: V. Alan Thurgood

Business Development Manager: James N. Cantrell

Utah State University's Space Dynamics Laboratory is recognized as one of the nation's unique and vital resources in space research, conducting programs that are primarily directed toward increasing humanity's understanding of the nature of earth and space. These programs present faculty and students with unparalleled opportunities for exciting, intellectual, and hands-on engineering and science challenges in state-of-the-art space research in conjunction with their academic work.

Areas of expertise at the Space Dynamics Laboratory include conception and design of cryogenically-cooled infrared sensors; engineering of active and passive instrumentation systems for operation aboard rockets, satellites, and aircraft; design, fabrication, and operation of small spacecraft; calibration of space sensors;

modeling of the dynamics of the planetary atmospheres; measurement of outer space phenomena; processing and analysis of spectrally- and spatially-imaged, remotely-sensed data; and cooperative around-the-globe observation programs with visiting faculty/student scientific teams at remote sites and at USU's Bear Lake Observatory.

Center for Persons with Disabilities

Director: Sarah Rule

Office in Center for Persons with Disabilities 120

The Center for Persons with Disabilities (CPD) is one of approximately 60 University Centers for Excellence in Developmental Disabilities Education, Research, and Services located in major universities throughout the United States. The mission of the CPD is to improve the quality of life of persons with disabilities by (1) providing interdisciplinary training to personnel needed to provide a broad spectrum of services and supports for individuals with disabilities and their family members; (2) demonstrating exemplary service and delivery systems, especially in rural and remote areas; (3) conducting research projects to enhance knowledge and application of materials, strategies, and techniques for people with developmental disabilities; and (4) providing technical assistance and training to the various service agencies and consumer organizations to expand and improve the quality of service that they provide.

The CPD is located on the University campus in a facility constructed specifically for the program. Training and service activities are undertaken not only on campus, but in several affiliated service centers in Utah, the Navajo Reservation, and other community-based sites throughout the nation.

The faculty and staff of the CPD consist of specialists from multiple disciplines, including special education, psychology, biology, social work, medicine, instructional technology, early education, and vocational rehabilitation. Students come to the center from a variety of University academic departments. The center provides an interdisciplinary training program that includes seminars, field experiences, and participatory action research. These address various issues regarding disability. The center also offers practicum, internships, and research assistantships to prepare students to better meet the needs of individuals with disabilities.

The center reports through the College of Education. Its advisory board is appointed by the University President. The program is organized into seven divisions: Exemplary Services; Interdisciplinary Training; Outreach, Development, and Dissemination; Biomedical Research and Service; Research and Evaluation; Technical Assistance; and Technology. The center employs approximately 150 professional and classified employees in its many training, research, and service projects. People with disabilities (infants through adults) are served directly through home and community-based service programs, and training is provided to more than 600 University students each year. Over 3,000 employees of service agencies in the state and region receive in-service training through workshops and seminars provided by the CPD each year.

Major research activities include: (1) the application of technology to improve instruction; (2) early intervention research for preschool and at-risk children; (3) the effects of the immune system on autism; (4) development of staff training programs utilizing distance-learning technology; and (5) design and development of assistive technology devices and services.

Bureau of Research Services, College of Education

Chairman: Carol J. Strong

Office in Emma Eccles Jones Education 453

The College of Education's Bureau of Research Services (1) provides research assistance to faculty and graduate students in the College of Education, (2) assists faculty and professional staff in locating off-campus funding for projects, (3) assists faculty and students in preparing research and other program proposals, (4) advises the dean and departments on research matters, (5) conducts faculty development workshops and symposia, and (6) represents the college on research-related committees.

Institute of Political Economy

Director: Anthony A. Peacock

Administrative Director: Roberta Q. Herzberg

Office in Main 341

The purpose of the Institute of Political Economy at Utah State University is to promote a greater understanding of the foundations of a free society. Most of the funding is from private individuals, corporations, and foundations.

The activities are organized around three main programs—the environmental program, the health care program, and the philosophy program. The environmental program is based on the belief that property rights and targeted liability are far more effective than standard government command and control programs. Under the health care program, the Institute is organizing research programs to study health care policy and innovative programs in Utah. The Institute is also greatly involved in the public education process for health care reform. The philosophy program develops the moral and ethical considerations behind free people and free markets.

Economics Research Institute

Director: Terrence F. Glover

Office in Business 611

The Economics Research Institute promotes and coordinates research on economic and related problems. The institute serves as a clearinghouse for ideas and methods related to research. Seminars and conferences stimulate faculty and student interest. Members of the Department of Economics and others who work in affiliated areas coordinate their work through the institute and receive assistance in planning research and in seeking financial support from agencies interested in their areas of research. A research study papers series is produced by the institute reporting on research, conferences, and seminars sponsored by the institute.

Ecology Center

Director: Martyn M. Caldwell

Office in Natural Resources 314C

The function of the Ecology Center is to promote and coordinate research and graduate study in the science of ecology, and to provide professional ecological advice to decision makers. Its participating faculty members hold tenure in the Colleges of Agriculture, Natural Resources, and Science, and the Departments of Biology; Fisheries and Wildlife; Forest Resources; Geography and Earth Resources; Geology; Plants, Soils, and Biometeorology; and Rangeland Resources.

The Ecology Center recognizes that ecology is a multidisciplinary field, requiring the coordination of biological and physical sciences. The objectives of the center are to (1) promote and support ecological research; (2) coordinate course instruction and graduate education in ecology; (3) provide an interdisciplinary focus for graduate majors in ecology; and (4) provide information and professional ecological advice for decision makers in areas affecting the environment.

About 70 faculty members actively associate with the Ecology Center by participating in some aspect of ecological research or training. Although research and instruction take place in a number of states and foreign countries, the northern third of Utah provides the proximal outdoor laboratory. This includes such facilities as the Bear Lake Biological Laboratory and the Green Canyon Ecology Station. It embraces a wide variety of habitat types ranging from the alpine zone to salt desert, and both aquatic and terrestrial systems.

Utah Cooperative

Fish and Wildlife Research Unit

Leader: John A. Bissonette

Assistant Leader Wildlife: Thomas C. Edwards, Jr.

Assistant Leader Fisheries: Phaedra E. Budy

Office in Natural Resources 115

The Utah Cooperative Wildlife Research Unit was initiated in 1935 through a memorandum of understanding among the University, Utah Division of Wildlife Resources, Wildlife Management Institute, and the USDA Bureau of Biological Survey (became the U.S. Fish and Wildlife Service) and was one of the first ten wildlife units established in the U.S. The Utah Cooperative Fishery Research Unit was established at USU in December of 1961, the first of 25 such units in the United States. In December of 1984, the two units were combined through a memorandum of understanding among all cooperators. In November 1993, the unit became part of the U.S. National Biological Survey, which became the U.S. National Biological Service (NBS) in January 1995. In October 1996, the NBS was transferred to the U.S. Geological Survey as the Biological Resources Division (BRD). A coordinating committee, composed of representatives from the Department of Fisheries and Wildlife, BRD, the Wildlife Management Institute, and Utah State Division of Wildlife Resources, provides general guidance on the research program.

The unit's objectives are to (1) conduct research basic to proper utilization of fish and wildlife resources; (2) educate graduate students in fish and wildlife ecology and management; (3) promote fish and wildlife education through demonstration, lecture, and publication; and (4) make results of investigations available to cooperators and the public by way of peer reviewed publications, reports, popular articles, and workshops.

At the present time, the fishery research program emphasis is on (1) population assessment and trophic dynamics of aquatic systems, (2) sport fish management, (3) behavior and habitat requirements of fish and aquatic invertebrates, and (4) conservation biology and threatened and endangered species.

Wildlife emphasis is in wildlife management; conservation biology; landscape ecology; responses of vertebrate populations to environmental perturbation; habitat requirements of nongame and threatened and endangered species; and conservation education. In addition to the regular cooperators, funding is obtained from other state conservation agencies, as well as from U.S. government bureaus and departments.

Institute for

Land Rehabilitation

Interim Director: John C. Malechek
Office in Natural Resources 210

The Institute for Land Rehabilitation (ILR) promotes education, research, and regional and campus-wide communication on land rehabilitation and restoration problems. The scope of the ILR includes watershed restoration and management, wetland and riparian area management, postburning rehabilitation, mined land reclamation, and other land restoration and rehabilitation activities.

The ILR works to increase interest in land restoration and rehabilitation and promotes research by University faculty. The ILR is also an information source to agency personnel and consultants throughout the West. To further achieve its objectives, the ILR sponsors and co-sponsors workshops, symposia, and shortcourses with regional participation.

The ILR resides in the Department of Rangeland Resources, College of Natural Resources.

USDA Forestry Sciences Laboratory

Office in Forestry Sciences Laboratory

The Forestry Sciences Laboratory is a research branch of the USDA Forest Service. At Utah State University, the laboratory is comprised of four Forest Service units: (1) Reclamation of Disturbed Lands research unit, (2) Disturbance Ecology in the Interior West: Bark Beetle Disturbance in Conifer Forests research unit, (3) Statistics support, and (4) Fish Ecology monitoring group. A research support staff handles all business management activities. All laboratory scientists are adjunct faculty members at Utah State University and may advise graduate students.

The professional fields represented at the laboratory include ecology, entomology, plant physiology, soil science, mathematical statistics, and biology. Research-related topics include erosion and water quality, bark beetle ecology and population dynamics, aspen population dynamics and regeneration, landscape ecology, revegetation, ecological succession, plant/environmental relationships, soil and water chemistry, insect population modeling, and insect/weather relationships.

State Arboretum at Utah State University

In 1961 the Utah State Legislature officially designated Utah State University as a state arboretum. The arboretum covers the entire campus and contains more than 3,000 trees. The arboretum also contains a collection of native and adapted plants located north of Old Main Hill and a native plant demonstration garden between the wings of the Edith Bowen Laboratory School. Various shrub species and colorful displays of bulbs, annuals, and perennials provide additional beauty as well as interest to the campus.

The campus arboretum is maintained by the Landscape Operations and Maintenance Department in cooperation with Facilities Planning. The tree removal policy states that when removals occur, trees shall be replaced on at least a one-to-one ratio to maintain the integrity of the campus forest. When a tree is removed from an established landscape area, the same species of tree shall be replanted at the removal site whenever possible to preserve the

original design intent. When replacement on the same site is unfeasible, a replacement tree will be planted at another suitable campus location.

The USU campus serves as an educational resource for teaching programs of the University and the community at large. Students studying biology, horticulture, agronomy, forestry, and landscape architecture utilize the arboretum year-round to further develop a knowledge and appreciation for plants in the landscape.

Institute for Social Science Research on Natural Resources

Leader: Richard S. Krannich
Office in Main 216G

The Institute for Social Science Research on Natural Resources is a research unit established to facilitate and promote faculty and student research on a wide variety of social science research topics pertaining to the interrelations between human social systems and natural resource systems. Examples of recent and ongoing projects involving affiliated faculty and student researchers include studies of the social impacts of large-scale resource developments; social and cultural consequences of nuclear and hazardous waste storage; social and environmental impacts of structural change in agriculture; dynamics of rural land use change; the impacts of tourism and natural resource amenity-based development on small communities; the role of place meanings and place attachments in resource use and management; public perceptions and attitudes toward wildlife resources; the association between environmental factors and population movements; environmental equity issues and the social distribution of environmental hazards; and trends in public environmental concern. Although the institute is housed within the Department of Sociology, Social Work and Anthropology, its goal is to encourage multidisciplinary research on human aspects of natural resource issues involving faculty and students from across the University.

Biotechnology Center

Director: To be appointed
Office in Biotechnology 105

The Biotechnology Center, created in 1986 as a Center of Excellence for the State of Utah, is a multidisciplinary unit affiliated with the Utah Agricultural Experiment Station. Its role is to support the development of biotechnology in teaching, research, and technology development and transfer, with oversight provided by a Policy Board comprised of the deans of the colleges of Agriculture, Engineering, Natural Resources, and Science, chaired by the Dean of Agriculture. Center programs include education and outreach, service laboratories for biotechnology research, and support for research in agriculture, food processing and safety, animal genetics, and the environment.

Education and outreach programs provide training and technical information to researchers, extension agents, high school teachers, government agencies, and the general public. Workshops are conducted for training in research techniques and teaching methods. The center offers three laboratory-intensive courses for undergraduate and graduate students. These are Methods in Biotechnology; Cell Culture; Protein Purification Techniques; and Molecular Cloning.

Service laboratories provide essential biotechnology services, including DNA sequencing, protein sequencing, protein purification, peptide synthesis, monoclonal and polyclonal antibody production, immunoassay development, fermentation, and databases for analyses.

The center also supports programs for faculty. These include grants for innovative biotechnology research projects, funding for

new biotechnology faculty positions, molecular biology fellowships, and seminars.

The Biotechnology Building houses the center and research laboratories. Faculty and their students who are performing biotechnology research staff the research laboratories. The faculty have their academic appointments in any of the various University departments.

International Programs

Interim Director, International Programs: Christopher Fawson
Office in Military Science 216, (435) 797-1840

Director, International Irrigation Center:

L. Humberto Yap-Salinas

Director, Center for International Studies:

R. Edward Glatfelter

Coordinator, College of Business: Steven H. Hanks

Coordinator, College of Education: To be appointed

Coordinators, College of Engineering: Loren R. Anderson,

Alma P. Moser, Wynn R. Walker

Coordinator, College of Family Life: To be appointed

Coordinator, College of Humanities, Arts and Social Sciences:

Pamela J. Riley (coordinator for Women in Development)

Coordinator, College of Natural Resources: Charles W. Gay

Coordinator, College of Science: To be appointed

Coordinator, University Extension: Laird M. Hartman

Utah State University is one of the institutions of the federal system of land-grant colleges in the United States. Much of its experience and development has made it a leader in the areas associated with arid and irrigated agriculture, forestry, range, plant, and animal science.

The University is recognized for its expertise, both nationally and internationally. In addition to its functions of teaching, research, and dissemination of information, staff members have been and are presently involved as consultants to private industry, land development corporations, fertilizer companies, private consulting firms, government agencies, and research groups, both at home and abroad.

Utah State University has a history of involvement in international programs dating back to the early 1930s. University personnel have worked in development programs in many of the developing nations of the world. In recent years, Utah State University has worked in Armenia, Bangladesh, Bolivia, Brazil, Cameroon, Cape Verde, Colombia, Ecuador, Egypt, El Salvador, Gambia, Honduras, India, Iran, Kenya, Morocco, Pakistan, Panama, Peru, Senegal, Somalia, Sudan, Tanzania, Upper Volta, and Venezuela. Current involvement includes: China, the Dominican Republic, Ethiopia, Kenya, Mexico, Palestine, Russia, Senegal, Singapore, Taiwan, and Thailand.

USAID/FAO/USU Foreign Participant Training

USU cooperates with FAO and USAID, as well as with other sponsoring agencies, to develop special academic and practical programs for foreign students nominated by these agencies.

For those foreign students who come to Utah State University under the auspices of a sponsoring agency requiring Utah State University to provide administrative arrangements not provided to other students, an administrative fee is charged (currently \$250 per semester).

BMDO/USU-SDL Russian-American Observational Satellite

Coordinator: David A. Burt

The Russian-American Observational Satellite (RAMOS) experiment is a joint Russian-American space research program using an innovative measurement technique and simultaneous stereo-optical imaging. It will address the twin concerns of surveillance and environment. RAMOS will be comprised of the development of different measurement techniques that may culminate in the operation of two satellites, the American Observational Satellite (AOS) and the Russian Observational Satellite (ROS), and associated ground site equipment.

USU International Irrigation Center

Director: L. Humberto Yap-Salinas

The Biological and Irrigation Engineering Department is engaged in an extensive program of international irrigation technology transfer and is contributing significantly to the alleviation of the world hunger problem through multi-lingual training and research in irrigation and drainage. The International Irrigation Center has been organized to provide an appropriate entity within which to sponsor these ongoing training activities.

Center for International Studies

Director: R. Edward Glatfelter

The Center for International Studies promotes and coordinates international academic exchanges between Utah State University and the institutions of higher education abroad. The major objectives of the center are: (1) to develop bilateral university linkage

programs, (2) to facilitate faculty and student exchange programs, and (3) to promote collaborative research programs, joint seminars, workshops, and conferences. The center also serves as the university academic center for international studies curriculum offerings and the Certificate Program for International Development.

IDB/Government of the Dominican Republic/USU/ PROMASIR Studies

Coordinator: Christopher Neale

In November 1999, the Department of Biological and Irrigation Engineering and the International Irrigation Center were awarded a two-year project to lead four special studies as part of the PROMASIR (Program for the Management of Irrigation Systems by Water Users) Project in the Dominican Republic. The four studies are: Aerial Photographs, Water Users' Cadastres, Data Systems, and Monitoring of Soils.

IDB/Government of the Dominican Republic/USU Organization and Training of Water Users' Associations (PROMASIR)

Coordinator: Gary P. Merkle

This project supports the transfer of the operation and maintenance of 34 irrigation systems in the Dominican Republic to existing respective water user associations (WUA) through comprehensive and customized training programs for the farmers and WUA officials in the areas of water management, drainage of agricultural lands, canal operation and maintenance, basic financial accounting, conflict resolution, parliamentary procedures, and others. In addition to the above, the project implements training programs and field demonstration plots in the three irrigation systems as part of an agricultural development effort, designed to support the overall transfer program.

World Bank/Government of the Dominican Republic/USU Training and Institutional Strengthening for Irrigation Water User Associations (PROMATREC)

Coordinator: Gary P. Merkle

This project also supports the transfer of the operation and maintenance of three irrigation systems in the Dominican Republic to existing respective water user associations (WUA). This is to be accomplished through comprehensive and customized training programs for the farmers and WUA officials in the areas of water management, drainage of agricultural lands, canal operation and maintenance, basic financial accounting, conflict resolution, parliamentary procedures, and others. Each WUA will have a new computerized accounting system installed in their respective offices, and key personnel will be given practical training in its application. In addition to the above, the project will implement training programs and field demonstration plots in the three irrigation systems as part of an agricultural development effort, designed to support the overall transfer program.

ADB/Government of Thailand/USU/CID Skills Development Project

Coordinators: A. Bruce Bishop and Yun Kim

Utah State University, lead university on this project, and the Consortium for International Development were awarded a five-year contract to provide technical consulting services for the Thailand Skills Development Project, which seeks to improve the technical training level of Thai citizens. Funded by the Asian Development Bank and the Thai Government, the focus of the project is expanding and strengthening Thailand's skill development institutes and centers operated under the Thai Ministry of Labor and Social Welfare.

USAID/USU Global Livestock Collaborative Research Support Program (GL-CRSP)

Coordinator: D. Layne Coppock

The Global Livestock CRSP is a program of applied research and outreach, with the goal of improving pastoral risk management using asset and income diversification, enhancement of information flow and use, and improving access to external resources. The project focus is on intact ecological and livestock marketing regions in northern Kenya and southern Ethiopia. Research will identify context-sensitive interventions at various socio-economic levels. Intervention concepts are organized with respect to four cross-cutting systems, including livestock marketing, rural finance, natural resource tenure, and public service delivery. Outreach focuses on how to help development agents and policy makers deliver comprehensive packages of risk management interventions to beneficiaries.

USAID/USU World Irrigation Information Network (IrriNet)

Coordinator: Wynn R. Walker

The World Irrigation Information Network, or IrriNet, project is a \$1.7 million effort at USU to provide on-line training, technical assistance, and applied research support in irrigation engineering and water resources management. The IrriNet concept was funded for three years, beginning on July 1, 2001, by USAID and will include one prototype satellite-based Internet site in a developing country. IrriNet will eventually include academic courseware, as well as the full training program of USU's International Irrigation Center.

USAID/USU University Linkage Program to Establish a College of Agriculture in the West Bank

Coordinators: Rodney J. Brown and James H. Thomas

Supported by USAID funding, Utah State University provides guidance and personnel for the development, governance, and international relations of the newly established (October 2000) Arab-American University of Jenin (AAUJ). Faculty from USU are assisting AAUJ to build a dynamic program of education, cooperative research, and technical outreach in the agricultural sciences, thus preparing graduates to meet the manpower needs of this important economic sector of the West Bank and Gaza. USU personnel are also assisting in various administrative roles until appointed administrators develop the required skills and necessary experience.

University Advancement

Vice President for University Advancement:

James A. MacMahon, Main 102A, (435) 797-1158

Assistant to Vice President for University Advancement:

Janet L. Appuhn, Main 101G, (435) 797-1280

Good teaching, sound research, practical services performed well, and productive students and alumni are USU's chief means of public relations and development activity.

However, as a public, tax-assisted institution, the University has the responsibility of keeping the public informed as to its operation. The Office of University Advancement assumes this responsibility and plans and executes a wide variety of programs and projects designed to maintain contact between the University and the various publics it serves.

USU Development Office **Central Office**

Assistant Vice President for University Advancement:

Joyce V. Albrecht, M 101B, (435) 797-1324,
joycea@cc.usu.edu

Director of Annual Support: Thomas A. Dyson, M 101D,
(435) 797-1321, tomodyson@cc.usu.edu

Director of Planned Giving: Mark Parsons, M 101F,
(435) 797-1201, mparsons@cc.usu.edu

Director of Research/Communications: Lisa M. Scoffield,
M 112E, (435) 797-7611, lisasco@cc.usu.edu

Director of Special Projects: Jeannie F. Simmonds, M 101A,
(435) 797-3166, simmonds@cc.usu.edu

College and Division Offices

Development Director, College of Agriculture: Victor J. Saunders, AG S 214, (435) 797-2208, vics@cc.usu.edu

Development Director, College of Business: Alta Markeson, B 305, (435) 797-3720, altam@b202.usu.edu

Development Director, College of Education: Wesley K. Boman, EDUC 116, (435) 797-1611, wboman@cc.usu.edu

Development Director, College of Engineering: Robert L. Davis, EC 208B, (435) 797-2762, bob@engineering.usu.edu

Development Director, College of Family Life:
Janet L. Appuhn, FL 205, (435) 797-2767,
appuhn@cc.usu.edu

Development Director, College of Humanities, Arts and Social Sciences: Julie Pitcher, M 331, (435) 797-3662,
jpitcher@hass.usu.edu

Development Director, College of Natural Resources:
Mary Lu Roskelley, NR 104A, (435) 797-2760,
marylur@cnr.usu.edu

Development Director, College of Science: Joel Kincart,
ESLC 245, (435) 797-3510, jkincart@cc.usu.edu

Development Director, Athletics: Kenneth L. Beazer,
SPEC 301, (435) 797-1325, beazerk@cc.usu.edu

Development Director, Utah Public Radio-KUSU:
Bryan K. Earl, MLS 118E, (435) 797-3107,
bryear@upr.usu.edu

The USU Development Office provides professional assistance to the publics of Utah State University in the transmission of charitable gifts, providing needed financial support to the institution and its programs.

The Development Office was established in 1967 to seek private contributions. The resulting generosity of USU's alumni and friends has vastly enhanced USU's teaching, research, service, and the accessibility of higher education to many students. Contributions to Utah State University are recognized through membership in various donor clubs and activities, including the Old Main Society, the Big Blue Athletic Club, the Alumni Association, and sponsored endowments.

Utah State University receives only 34 percent of its operating budget from the State of Utah. The remainder comes from a combination of student fees, competitively awarded grants and contracts, auxiliary services, endowments and interest, and gifts. Private contributions provide a growing and very important part of the cost of providing an education of the highest quality.

For further information on how to transmit cash, securities, or in-kind property to the University through a number of tax-advantaged strategies, contact Joyce V. Albrecht at: **The USU Development Office, Main 101, 1420 Old Main Hill, Logan UT 84322-1420, tel. (435) 797-1324 or toll-free 1-888-OLD-MAIN (653-6246).**

University Alumni Association

President: Dennis L. Sessions

Director of Alumni Relations: G. Carlos Smith
Office in the David B. Haight Alumni Center, (435) 797-2055,
1-800-291-2586

The Utah State University Alumni Association now numbers more than 180,000 members. This membership includes all who have attended USU for one semester (or one quarter) or more or who have served on the staff or faculty of the University.

Purpose: The mission of the Alumni Association is to promote the interests and welfare of Utah State University, as well as that of USU alumni, students, faculty, staff, and friends.

Government: The governance of the association is vested in the Executive Board. The board is comprised of the president and vice president of the association, the vice president of University Advancement, the president of the Associated Students of USU, the president of the Emeriti, the president of the Young Alumni, the president of the Student Alumni Association, a College Alumni/Development representative, a University faculty representa-

tive, the director of Alumni Relations, the immediate past president of the association, and representatives of regional alumni chapters selected by the Council of Chapter Presidents with the approval of the Executive Board.

Function: The Alumni Association is the medium through which former students maintain contact with the University and are served after leaving the campus. Efforts are made to maintain a complete record of every former student throughout life, and his or her accomplishments and progress are recorded. Former students receive *Utah State University Magazine*, an official publication of USU, full of news and articles about the University. The association maintains alumni volunteers and chapter organizations throughout Utah and in major areas where former students are located. Through the association, former students are kept in contact with each other, and they meet and participate in business and social activities. They likewise assist the University with special projects in their areas.

The Alumni Association takes the leadership in sponsoring such campus events as Homecoming, Founders Day, Distinguished Service Awards, Aggie Lagoon Day, Aggie Family Day, and reunions. The association also provides opportunities for travel through the alumni travel program, and aids in athletic and other school activities.

Public Relations and Marketing

Executive Director of Public Relations and Marketing:

John DeVilbiss
Office in Public Relations 207, (435) 797-1358

Assistant Director: Tim Vitale

Marketing Director: Renee L. Payne

University Editor: Linda E. Keith

Utah State University Webmaster: Charles W. Thompson III

Public Relations Specialist: Maren Cartwright

Publications Specialist: Nadene Steinhoff

Audio News Producer: Craig Hislop

Senior Writer: R. Patrick Williams

Utah State University Magazine and Inside USU (Staff News)

Editor: Jane G. Koerner

Public Relations Specialist: Mary-Ann C. Muffoletto

Senior Writer: Dennis L. Hinkamp

University/University Extension Graphic Artist:

Holly Broome-Hyer

Office Manager: Joni Ralph

Assistant Office Manager: Rebecca Liechty

Public Relations and Marketing exists to influence favor and support for Utah State University. As part of its marketing and promotions task, this office oversees University marketing efforts and disseminates information daily and weekly through the press, radio, television, and the Internet. It includes articles on research and news of general campus events and accomplishments.

Liaison between the University and the news media is maintained by this office.

Public Relations and Marketing publishes *Utah State University Magazine* and *Inside USU* (Staff News). *Utah State University Magazine* is devoted to reporting information about Utah State University to alumni, parents, and other friends of the institution. *Inside USU* (Staff News) is a weekly newspaper distributed to University employees.

Utah Public Radio

Executive Director/General Manager: Richard S. Meng

Program Director: Lee M. Austin

Chief Engineer: Clifford J. Smith

Producer/Promotion Coordinator: Craig Hislop

Production Specialist: Shalayne Smith

Development Director: Bryan K. Earl

Development/Public Relations Specialist: Nora J. Zambreno

Operations Coordinator: Thomas W. Williams

Office Supervisor: Shauna K. Madson

Office in Multimedia and Distance Learning Services 110,
(435) 797-3138

During more than 45 years of broadcasting, Utah Public Radio has provided a wide variety of noncommercial radio programming which has extended the vast resources of Utah State University to the residents of the state. Utah Public Radio has also provided training to many students in the use, operation, and human service of the radio medium.

Utah State University is the licensee of KUSU-FM and KUSR Radio and a series of nearly 30 translator and booster stations which comprise Utah Public Radio (UPR). Serving people throughout the state, UPR is a natural portion of a land-grant institution. This broadcast station and its series of translators take the UPR signal to St. George on the south and Vernal on the east. Through informative, interesting, educational, and timely broadcasts, UPR conveys the knowledge and intellectual service of a faculty whose literary, scientific, technical, and philosophical interests comprehend much of the field of learning. Issues and ideas of local, national, and international import are actively explored, investigated, analyzed, and interpreted. The broadcasts help listeners to better understand themselves, their government, their institutions, their neighbors, and their natural and social environment. Through understanding and genuine concern, they can intelligently fulfill their obligations of citizenship and find personal satisfaction.

Alumni and Development Information Services

Manager, Gift/Biographical Records: April Barker

Office in Main 112C, (435) 797-3583

The Alumni and Development Information Services Office maintains and updates biographical and gift information about University alumni and friends, in accordance with the general needs and expectations of the University community.

It is the desire of the Alumni and Development Information Services Office to support the ongoing activities of Utah State University by providing assistance for programs, communications, and events, which bring together alumni, donors, and friends of the University.

American West Heritage Center

Executive Director: Ronda L. Thompson
Executive Assistant: JoAnn R. Poulsen
 4205 South Highway 89-81 Wellsville, (435) 245-6050

The mission of the American West Heritage Center is to educate, entertain, and enlighten audiences by collecting, preserving, and interpreting the heritage of the American West from 1820 to

1920. After years of nurturing, the Festival of the American West and the Ronald V. Jensen Living Historical Farm and Museum were merged into the American West Heritage Center. The center administers the operation and growth of these two award-winning programs involved in historical preservation, education, economic development, and heritage tourism. By providing internships and scholarship programs centered around cultural heritage, the center fosters programs beneficial to the University.

University Publications Editors

University Editor, Public Relations and Marketing:

Linda E. Keith

University Webmaster, Public Relations and Marketing:

Charles W. Thompson III

Public Relations Specialist, Public Relations and Marketing:

Maren Cartwright

Publications Specialist, Public Relations and Marketing:

Nadene Steinhoff

Advising and Transition Services Editor and *USU General*

***Catalog* Editor:** Sheri E. Peterson

Extension Publications Editor: Donna H. Falkenborg

Extension Webmaster: Dan V. Pond

Agricultural Experiment Station Editor: Lynnette F. Harris

USU Press Editor: John R. Alley, Jr.

Assistant Athletic Director—Media Relations:

Michael C. Strauss

***Utah State University Magazine* Editor:** Jane G. Koerner

***Inside USU* (Staff News) Editor:** Jane G. Koerner

***The Utah Statesman* Advisor:** Jay C. Wamsley

***USU and YOU* (Recruitment/Enrollment Services)**

Coordinator: Jan H. Benson

***Utah State Biotechnology* Editor:** Kamal Rashid

Utah Water Research Laboratory Editor: R. Ivonne Harris

Space Dynamics Laboratory Editors: Margaret M. "Peg"

Cashell, Kelly Davis, Thomas J. Gordon, Joelle Mancini

College of Agriculture

***Newsline* (alumni newsletter) Editor:** Vic Saunders

***Western Center Dairy Newsletter* Editor:** Carl Brothersen

College of Business

Partners in Business Program Editor: Amy H. Sadler

***School of Accountancy Newsletter* (alumni) Editors:**

Clifford R. Skousen, Mary Ann Clark

***Information Systems Educator* (BISE alumni/professional newsletter) Co-editors:** Jean A. Pratt, Malia L. Young

College of Education

College Publication Specialist: Melanie Stein

Center for Persons with Disabilities Information Specialist:

Kelleen Smith

Center for Persons with Disabilities Newsletter Editors:

***UATP News* (electronic):** Sharon H. Weston

CPD News, Enables, and Parent News: Marlene Deer

SKI*HI Institute Publication Specialist/Editor/

Instructional Designer: Mary Ann Parlin

College of Engineering

***The Signal* (Department of Electrical and Computer**

Engineering alumni newsletter) Editor: Randy L. Haupt

USU Engineer and Dean's Newsletter Editor: Jaylynn Lewis

***MAE News and Views* Editor:** Joan Smith

College of Family Life

***Family Life* (college alumni newsletter) Coordinator:**

Teresa Passey

***Dietetics Newsletter* (alumni) Editor:** Noreen B. Schvaneveldt

College of Humanities, Arts and Social Sciences

***Western American Literature* Editor:** Melody Graulich

***Western Historical Quarterly* Editors:**

Executive Editor: Clyde A. Milner, II

Editor: Anne M. Butler

Co-editor: David R. Lewis

Assistant Editor: Ona W. Siporin

(on leave through 7-1-2002)

Temporary Writer/Editor: Philip Parisi

***Insites* (LAEP alumni newsletter) Advisor:**

Michael L. Timmons

***Extra!* (Journalism and Communication Department alumni/friends newsletter) Editors:**

Michael S. Sweeney, Edward C. Pease

***Utah State Theatre Newsletter* Editor:** Michael Flood

***English Department Newsletter* Editors:** Christine Hult, Anne Shifrer

***Petroglyph* Executive Director:** Shanan Ballam

***Ploutarchos* Editor:** Frances B. Titchener

***Western Folklore* Editor:** Barre Toelken

College of Natural Resources

***Resource Lines* (alumni newsletter) Editors:**

Mary Lu Roskelley, Mary Ann Lowe

***Complexity in Ecological Systems* Editor:** David W. Roberts

***Utah Geographic Alliance Newsletter* Editor:** Clifford B. Craig

College of Science

***Insights* (alumni newsletter) and *Science Scene* Editor:**

Colette D. Yates

***Biolog* Editor:** Liz Allred

Affirmative Action/Equal Opportunity Office

Director: Sue Guenter-Schlesinger
Office in Main 161, (435) 797-1266

The vision statement of the Affirmative Action/Equal Opportunity (AA/EO) Office reads as follows:

“USU sees an environment in which every individual has an opportunity to learn, work, and contribute, and where full inclusion and respect for all people encourages creativity and productivity. The result will be students, faculty, and staff working together, serving and strengthening our local, national, and global communities.”

In support of this vision, it is the policy of Utah State University to ensure equal educational and employment opportunity regardless of race, color, religion, sex (including sexual harassment), national origin, age, disability, or veteran status. In addition, discrimination based on sexual orientation is prohibited in evaluating employee or student performance.

The AA/EO Office implements federal, state, and University anti-discrimination laws, statues, and policies, and strives to provide an atmosphere in which students, staff, and faculty can work, study, and live without fear of discrimination or sexual harassment. It also works to increase access to education and employment for groups that have traditionally faced barriers to opportunities in these areas.

The AA/EO Office focuses on a variety of areas. The major responsibilities of the office include:

1. Developing affirmative action policies, plans, and programs at USU aimed at increasing participation of underrepresented groups of women, minorities, persons with disabilities, and veterans.
2. Monitoring the representation and status of underrepresented groups (women and minorities) at USU who are prospective or current faculty, staff, or students.
3. Investigating, processing, and resolving discrimination and sexual harassment complaints.
4. Providing training on affirmative action/equal opportunity laws, policies, prevention of sexual harassment, and valuing diversity.
5. Enhancing awareness of and sensitivity toward diversity and “differences.”

Utah State University is dedicated to providing equal opportunity in education and employment to all students, faculty, and staff. University members who feel their rights have been violated, want information, or just need some guidance relating to their course of action should contact the Affirmative Action/Equal Opportunity Office, located in Main 161, or call (435) 797-1266. Copies of the complete Affirmative Action Plan, Affirmative Action/Equal Opportunity Policy, Sexual Harassment Policy, and Discrimination Complaint Policy, as well as information pertaining to other AA/EO-related laws and policies at the local (USU), state, and federal levels, are available in the AA/EO Office, on the USU Web Site, and at the Merrill Library.