
Administration and Organization

Principal Officers of Administration

President of the University.....	Elliot Hirshman
Provost and Senior Vice President for Academic Affairs.....	Chukuka S. Enwemeka
Vice President for Business and Financial Affairs and Chief Financial Officer	Thomas J. McCarron
Vice President for Research and Graduate Dean	Stephen C. Welter
Vice President for Student Affairs	Eric M. Rivera
Vice President for University Relations and Development.....	Mary Ruth Carleton

Academic Administration

ACADEMIC AFFAIRS

Provost and Senior Vice President for Academic Affairs.....	Chukuka S. Enwemeka
Associate Vice President for Academic Affairs, Enrollment	Sandra A. Cook
Associate Vice President for Academic Affairs, Faculty Advancement	Joanna M. Brooks
Associate Vice President for Academic Affairs, Resource Management	Radmila Prislun
Associate Vice President for Academic Affairs, Student Achievement.....	Norah Shultz
Assistant Vice President for Academic Affairs, International Programs.....	Alan R. Sweedler

ACADEMIC DEANS

College of Arts and Letters	Norma Bouchard
College of Business Administration	George E. Belch (Interim)
College of Education	Joseph F. Johnson
College of Engineering	Morteza M. Mehrabadi
College of Health and Human Services	Marilyn Newhoff
College of Professional Studies and Fine Arts	Joyce M. Gattas
College of Sciences	Stanley R. Maloy
Library and Information Access	Gale S. Etschmaier
College of Extended Studies	Joseph B. Shapiro
Imperial Valley Campus	Gregorio A. Ponce (Interim)

GRADUATE AND RESEARCH AFFAIRS

Vice President for Research and Graduate Dean.....	Stephen C. Welter
Associate Dean for Graduate and Research Affairs.....	Edmund M. Balsdon
Assistant Dean for Division of Graduate Affairs	Andrew J. Bohonak
Director for Division of Research Affairs.....	Rick Gulizia

THE GRADUATE COUNCIL

The Graduate Council of San Diego State University consists of 22 members to include 15 full-time faculty, two from each college and one from the Imperial Valley Campus; Dean of the Graduate Division or designee, who will chair the committee; Provost, Associate and Assistant Deans of the Graduate Division, Dean of the Library and Information Access or designee, and two classified graduate students in good standing (for a current listing of graduate student members serving on the Graduate Council, visit <http://newscenter.sdsu.edu/universitysenate/committees.aspx>).

Stephen C. Welter	Vice President for Research and Graduate Dean
Chukuka S. Enwemeka.....	Provost and Senior Vice President for Academic Affairs
Edmund M. Balsdon	Associate Dean for Graduate and Research Affairs
Andrew J. Bohonak	Assistant Dean for Division of Graduate Affairs
Patrick McCarthy.....	Associate Dean of the Library and Information Access
Jill Esbenshade	College of Arts and Letters
Matthew Lauer.....	College of Arts and Letters
Damon M. Fleming.....	College of Business Administration
Nikhil P. Varaiya	College of Business Administration
Marva Cappello.....	College of Education
.....	College of Education
Mahawseta Sarkar.....	College of Engineering
.....	College of Engineering
Guadalupe X. Ayala	College of Health and Human Services
Steven J. Kramer.....	College of Health and Human Services
Kurt J. Lindemann	College of Professional Studies and Fine Arts
Eric Smigel	College of Professional Studies and Fine Arts
Christopher C. Glembotski.....	College of Sciences
.....	College of Sciences
Gregorio A. Ponce (Interim)	Imperial Valley Campus

UNIVERSITY RESEARCH COUNCIL

The University Research Council of San Diego State University is the faculty policy-making body responsible for promoting, encouraging, and publicizing the research activities of the faculty consistent with the educational mission of the university. Much of the work of the council is carried out in its standing committees that include:

- Conflict of Interest
- Copyrights and Patents
- Faculty Recognition
- Grants and Lectureships
- Institutional Animal Care and Use
- Institutional Biosafety
- Institutional Review Board
- Student Research

The University Research Council membership is composed of no fewer than 15 faculty representing the various colleges and is chaired by the vice president for research.

- Stephen C. Welter Vice President for Research and Graduate Dean
- Executive Director, SDSU Research Foundation
- Rick Gulizia (*ex officio*).....Director for Division of Research Affairs
- Edmund M. Balsdon (*ex officio*).... Associate Dean for Graduate and Research Affairs

- Todd W. Anderson Department of Biology
- Wayne A. Beach School of Communication
- Edward J. Beasley..... Department of History
- Sanford I. Bernstein..... Department of Biology
- Marilee J. Bresciani Ludvik Department of Administration, Rehabilitation and Postsecondary Education
- Robert O. Briggs ... Department of Management Information Systems
- Douglas B. Grotjahn Department of Chemistry and Biochemistry
- Keven Jeffery.....Library and Information Access
- Samuel K. Kassegne Department of Mechanical Engineering
- Claire Murphy Department of Psychology
- Ramona L. Pérez Department of Anthropology
- Gregorio A. Ponce Imperial Valley Campus
- Jessica Rentto Business and Financial Affairs
- Rick Sayen..... Research Operations
- Mark R. Wheeler Department of Philosophy
- Stephen A. Schellenberg Division of Undergraduate Studies
- Peter van der Geer Department of Chemistry and Biochemistry



Division of Graduate Affairs

OFFICE: Student Services East 1410
TELEPHONE: 619-594-5213
FAX: 619-594-0189
E-MAIL: gra@mail.sdsu.edu

Within Graduate and Research Affairs, the Division of Graduate Affairs is the administrative unit responsible for post-baccalaureate and graduate study at San Diego State University. The Division of Graduate Affairs is composed of the academic units that offer graduate study in the university. The faculties of these units support nearly 5,000 students in over 100 master's, doctoral, and advanced certificate programs across the arts, business, education, engineering, humanities, sciences, and social sciences. The Graduate Council is a standing committee of the University Senate with representatives from the academic colleges and is chaired by the graduate dean. The council's responsibilities are broadly defined and include the development, consultation, and implementation of university-wide policies related to graduate studies, graduate student affairs, and graduate student scholarship.

The dean of the Division of Graduate Affairs is the chief administrative officer of the division and serves as chair of the Graduate Council. The graduate dean has general responsibility for implementing the policies of the Graduate Council and for the development, improvement, and administration of all post-baccalaureate study.

Graduate Study at San Diego State University

The size and scope of graduate studies at San Diego State University has increased significantly since graduate degrees were first offered at what was then San Diego State College in the 1950s. SDSU faculty embrace the necessarily close relationship between excellence in faculty research, program outcomes, student research, and teaching. Since the early 1970s, graduate study has steadily grown over a wide range of academic and professional disciplines to become an integral part of the institution's central mission. SDSU offers master's degrees that are entry-level requirements or terminal degrees in many fields of study, as well as numerous Ph.D. programs. In addition to Ph.D. degrees issued in partnership with other institutions, SDSU offers independent doctorate degrees in Audiology (Au.D.), Educational Leadership (Ed.D.), and Physical Therapy (DPT). Graduate studies are also available to meet state credentialing requirements and provide advanced certificates in many disciplines, particularly for careers in education.

Graduate studies at San Diego State University continually evolve in response to new local and global challenges and career opportunities. The faculty who support graduate studies maintain strong externally funded research programs in excess of \$100 million annually. The university is recognized nationally as a hub of entrepreneurship, innovation, and invention, SDSU is also one of the most ethnically, racially, and socioeconomically diverse universities in the United States, and is designated as a Hispanic-Serving Institution by the U.S. Department of Education. San Diego State University provides a dynamic and intellectually challenging environment for academic and professional opportunity.

Graduate Student Employment

Graduate Teaching Associates

Appointments as graduate teaching associates, known more commonly as TAs, provide students the opportunity to participate directly in the teaching activities of the university. Indeed, faculty members in many programs consider such appointments an integral part of the academic curriculum for their graduate students. Under the supervision of senior faculty, TAs provide direct instruction to undergraduate students, primarily at the lower division level.

Appointments as graduate TAs are available to qualified graduate students in all doctoral programs and many master's programs. Graduate TAs must be admitted to San Diego State University with classified or conditionally classified graduate standing. Appointments may be for a period of either one semester or the academic year. Reappointment is dependent on satisfactory performance in graduate studies (as prescribed by departmental need, Graduate Council, and satisfactory teaching performance). Information concerning an appointment as a graduate TA may be obtained from the head of the department, school, or college in which the applicant wishes to obtain the advanced degree. For further information, consult *A Handbook for Graduate Assistants and Graduate Teaching Associates* available at <http://aztecgrad.sdsu.edu/gra>.

Graduate Assistants

Graduate assistants (GA) provide instructionally related services to undergraduate students or may be assigned duties that directly support faculty research activities. Graduate assistants are available in most San Diego State University departments and schools. Graduate assistants must be admitted to San Diego State University with classified or conditionally classified graduate standing.

Appointments may be for a period of either one semester or the academic year. Reappointment or continuation of an appointment is dependent upon satisfactory performance in graduate studies (as prescribed by the Division of Graduate Affairs), departmental need, and satisfactory completion of assigned duties. Information concerning an appointment as a graduate assistant may be obtained from the head of the department, school, or college in which the applicant wishes to obtain the advanced degree. For further information consult *A Handbook for Graduate Assistants and Graduate Teaching Associates* available at <http://aztecgrad.sdsu.edu/gra>.

Student Assistants

Graduate students are eligible for employment as student assistants who perform a wide variety of tasks supporting faculty and staff across the university. Assistants are paid by the hour and are restricted to assignments not to exceed 20 hours per week. Information concerning an appointment as a student assistant may be obtained from the head of the department, school, or college in which the applicant wishes to obtain the advanced degree. A listing of available positions is also maintained by the Office of Career Services located in Student Services East, Room 1200.

Research Assistants (SDSU Research Foundation)

Some graduate students obtain part-time employment as research assistants. Research assistants work directly with faculty in a laboratory or other research facility in the health, physical, and social sciences. Although research assistants are employees of the SDSU Research Foundation, they are generally hired directly by faculty members seeking assistance for specific research programs. Students may inquire about such appointments through the appropriate faculty in their program, the chair or director of the respective department, or the Office of Human Resources of the SDSU Research Foundation. Those interested in adding their names to a list of candidates for current or future openings may obtain application materials from the San Diego State University Research Foundation, Gateway Building, 5250 Campanile Drive, San Diego, CA 92182-1945. Further information may also be available on faculty and department websites.

Scholarships

California Pre-Doctoral Program

The California Pre-Doctoral Scholarship Program targets students who have experienced economic and educational disadvantages, and intend to apply to a doctoral program. The program supports upper division undergraduate students, and current (non-Ph.D.) graduate students. The program places a special emphasis on increasing the number of CSU students who enter doctoral programs at one of the University of California institutions. Students chosen for this award are designated Sally Casanova Scholars. Recipients receive direct guidance from CSU faculty members and receive funding for travel, development (broadly defined), and summer research experience (at any U.S. major research university). For more information, contact the Division of Graduate Affairs or visit <http://www.calstate.edu/PreDoc/index.shtml>.

Chancellor's Doctoral Incentive Program

The Chancellor's Doctoral Incentive Program targets current or incoming doctoral students who intend to eventually pursue CSU instructional faculty positions. Students who obtain a loan through this program may have a portion of it forgiven if they obtain a CSU faculty position. For more information, contact the Division of Graduate Affairs or visit <http://www.calstate.edu/PreDoc/index.shtml>.

Additional Scholarships and Financial Aid Opportunities

Many additional scholarships and financial aid opportunities are available to San Diego State University graduate students. Contact the Office of Financial Aid and Scholarships or visit http://go.sdsu.edu/student_affairs/financialaid/Default.aspx.

Graduate Study in the College of Extended Studies

Most courses that apply to graduate degrees are state-supported. Enrollment in state-supported graduate courses requires admission to SDSU in an appropriate graduate program. Non-degree seeking students may be eligible to enroll for state-supported courses if there are open seats, through the College of Extended Studies (CES) Open University program. Individuals considering future graduate studies should consider that most master's degree programs allow use of no more than nine units of combined Open University and self-supported CES courses taken prior to admission. Applicants with prior coursework should consult the adviser for their intended program, or the Division of Graduate Affairs, or the section of the *Graduate Bulletin* entitled *Graduate Program Unit Limits and Guidelines*. For more information about Open University, visit <https://www.ces.sdsu.edu>.

San Diego State University offers some CES courses that are applicable to graduate degrees, certificates and credentials, and a small number of degrees that include only self-supported CES courses. Students who intend to earn a degree from these programs must be admitted to and matriculate in the program before completing more than nine units. Students in CES programs that are offered only during summer session must attend a minimum of three summers to earn their degree.

Fees for CES programs and courses (whether Open University or self-supported CES) differ from fees for state-supported San Diego State University courses. For more information, visit <https://www.ces.sdsu.edu>.

Veterans and Graduate Study

San Diego State University is approved to train veterans under the G.I. Bill. Veterans who are interested in graduate work should visit the Joan and Art Barron Veterans Center located in Student Services West for information and counseling regarding veterans' benefits. Veteran students and potential applicants may also call 619-594-5813 or visit <http://www.sdsu.edu/veterans> for more information.

Division of Research Affairs

Research Affairs

The Division of Research Affairs is responsible for the institutional approval of all grant proposals and contracts relating to sponsored research, instruction, and service agreements; administration of research regulatory and intellectual property services; administration of intramural faculty grants, fellowships and other institutional research support programs; administration of university cost-sharing; coordination of SDSU Research Foundation/University liaison.

The Division of Research Affairs is supervised by the director, who with the vice president for research, is responsible for the development, improvement, and administration of research activities at the university.

The importance of research in graduate instruction is recognized by the faculty, and all graduate programs provide for research on the part of the graduate student. Graduate students involved in thesis or other research at the university must comply with all applicable university research policies, including, but not limited to, those related to the use of human and animal subjects in research.

University Research Facilities and Organizations

Among the facilities for research that students may utilize are those provided in organized bureaus, centers and institutes located on the campus; specialized off-campus research facilities and field stations; inter-institutional, consortia and other cooperative research facilities.

Regulatory Compliance

Conflict of Interest Committee (COI)

SDSU investigators submitting, renewing, or participating in a proposal requesting funds from any designated external sponsor or receiving a gift or monetary pledge must file the appropriate financial disclosure statement at the time of the submission of the federal proposal, or within 30 days or prior to receipt of a privately sponsored grant or contract or receipt of a gift or monetary pledge. Disclosures must be updated on an annual basis during the period of the award and as new reportable significant financial interests are obtained. Disclosure statements are reviewed and evaluated by the Conflict of Interest Committee. The committee reviews the information provided by the investigator to determine whether the financial interest could affect the conduct or reporting of the project, and determine if any conditions or restrictions should be imposed on the investigator or research protocol in order to manage, reduce, or eliminate conflicts that are identified. The committee may also evaluate whether the financial interest has the potential to influence financial expenditures, personnel decisions, or facilities usages, limit or influence the teaching and research environment of the university. For more information contact the Division of Research Affairs, 619-594-5938. The website is <http://gra.sdsu.edu/research/coi>.

Institutional Animal Care and Use Committee (IACUC)

The Institutional Animal Care and Use Committee (IACUC) at SDSU functions in accordance with Federal and State regulations and institutional policy. The Division of Research Affairs provides administrative support to this committee for implementing university policy for research, testing, or education involving the use of animals. Call 619-594-0905 for more information. The website is <http://gra.sdsu.edu/research/iacuc>.

Institutional Biosafety Committee (IBC)

SDSU is responsible for ensuring that recombinant DNA research or experiments involving biological or potentially hazardous materials are conducted in compliance with the National Institute of Health Guidelines to promote safe and responsible practices. The Institutional Biosafety Committee (IBC) reviews research for this purpose. The IBC is a committee of the University Research Council appointed by the associate vice president for research. The Division of Research Affairs provides administrative support to the IBC.

For information regarding SDSU's Biosafety Program, visit the Environmental Health and Safety website at <http://bfa.sdsu.edu/ehs/> or contact the Institutional Biosafety officer at 619-594-2865. For information specific to the Institutional Biosafety Committee, contact the Division of Research Affairs, 619-594-0905 or e-mail ibc@mail.sdsu.edu. The website is <http://gra.sdsu.edu/research/ibc>.

Institutional Review Board (IRB)

The Institutional Review Board (IRB) reviews research when procedures are proposed to obtain information about a living individual through the use of a survey, interview, observation, experimentation, or the analysis of human tissues, records, samples, or other data previously collected from human subjects. All research involving human subjects, conducted within the jurisdiction of SDSU's Federalwide Assurance, must be reviewed and approved by the IRB in advance of study initiation. The IRB reviews research involving human subjects to determine and certify that all projects comply with the federal and institutional regulations and policies, and ethical standards.

The Division of Research Affairs provides administrative support to the IRB. For general information, application procedures, guidance on ethical practices, and submission deadlines visit the website at <http://gra.sdsu.edu/research/irb>, e-mail irb@mail.sdsu.edu, or call 619-594-6622.

Research Promotion

Albert W. Johnson University Research Lecture

Sponsored by the University Research Council and Graduate and Research Affairs, the Albert W. Johnson University Research Lectureship is awarded annually to an SDSU faculty member for outstanding achievement in research and scholarship. The purpose of the University Research Lectureship is to recognize such achievement, to foster its continuance, and to enable a distinguished resident faculty scholar to share knowledge more broadly with the academic community and the community-at-large.

Lecturers have included Dr. Joseph W. Ball, Professor of Anthropology; Dr. Diane K. Lapp, Professor of Teacher Education; Dr. Arthur Getis, The Stephen and Mary Birch Foundation Chair in Geographical Studies and Professor of Geography; Dr. Dipak K. Gupta, Professor of Political Science; Dr. E. Percil Stanford, Professor of Social Work; Dr. Donna J. Thal, Professor of Speech, Language, and Hearing Sciences; Dr. Catherine Yi-yu Cho Woo, Professor of Chinese [Senate Distinguished Professor]; Dr. Edward P. Riley, Professor of Psychology; Dr. Melbourne F. Hovell, Professor of Public Health; Dr. William G. Tong, Professor of Chemistry and Biochemistry; Dr. Eugene A. Olevsky, Professor of Mechanical Engineering; Dr. Walter C. Oechel, Professor of Biology; Dr. Mark A. Sussman, Professor of Biology; Dr. John P. Elder, Professor of Public Health; Dr. James F. Sallis, Professor of Psychology; Dr. John R. Weeks, Professor of Geography; Dr. Sanford I. Bernstein, Professor of Biology; Dr. Karen D. Emmorey, Professor of Speech, Language, and Hearing Sciences; Dr. Samuel S.P. Shen, Professor of Mathematics; Dr. Joanne M. Ferraro, Professor of History; and Dr. Douglas A. Stow, Professor of Geography. The website is <http://newscenter.sdsu.edu/researchaffairs/researchlectures.aspx>.

Student Research Committee (SRC)

The Student Research Committee (SRC) is responsible for planning the annual Student Research Symposium (SRS) to showcase student research, scholarship, and creative activities. In addition, members of this committee assist in the review of Graduate Student Travel Fund applications and make recommendations for the Inamori Fellowship program. For more information, visit the website at <http://gra.sdsu.edu/research/srs>.

Technology Transfer Office (TTO)

The Division of Research Affairs (DRA) and the Technology Transfer Office (TTO) serve SDSU in the management of new intellectual property developed by SDSU faculty and staff. Both play an active role with responsibilities to ensure compliance with all relevant laws as well as to open doors for impacting the communities where our researchers work. The TTO provides a central location where faculty, students, and staff may receive advice and assistance in the commercialization of their inventions, copyrights, and other scholarly work. In addition, the TTO assists in setting up new spin-off companies and obtaining venture capital for future development. The TTO is an SDSU Foundation office, functioning on behalf of the university community. For more information, call 619-594-0516 or visit the TTO website at <http://tto.sdsu.edu>.

University Copyrights and Patents Committee (UCPC)

The University Copyrights and Patents Committee (UCPC), a standing committee of the University Research Council, is charged with implementing the provisions of the copyrights, trademarks, and trade secrets policy, reviewing disclosures and declarations to ascertain the extent of institutional support involved in the completion of intellectual properties and make recommendations to the vice president for research of assignment of ownership rights and division of royalties. For more information about the UCPC and the SDSU policy, see the intellectual properties section of the website at <http://gra.sdsu.edu/grad/research/intproptechdev.html>.

University Grants Program (UGP)

The University Grants Program (UGP) was created to integrate independent funding mechanisms through which faculty derive internal support for creative and scholarly research. These internal funding sources now include: Research, Scholarship, and Creative Activity (RSCA) awards, the Faculty Development Program (FDP), Faculty Grant-in-Aid for Research (GIA), the Adams Humanities Endowment and the Office of the Provost. The Division of Research Affairs administers the UGP. For more information, contact the Division of Research Affairs at 619-594-5938 or visit the website at <http://gra.sdsu.edu/research/ugp>.

Graduate Research Centers and Institutes

California State University Program for Education and Research in Biotechnology (CSUPERB)

Susan Baxter, Executive Director

Created in 1987 as a systemwide program, the California State University Program for Education and Research in Biotechnology (CSUPERB) mobilizes and supports collaborative CSU student and faculty research, innovative educational practices, and responds to and anticipates the needs of the life science industry. The CSUPERB program office is hosted at San Diego State University. CSUPERB promotes biotechnology workforce development by supporting evidence-based instructional practices, real-world research experiences, and programs for faculty and students at all 23 CSU campuses. The program involves students and faculty from life sciences, physical sciences, clinical sciences, engineering, agriculture, mathematics, business and computer science departments. CSUPERB organizes the annual CSU Biotechnology Symposium and serves as the official biotechnology liaison for the CSU with government, educational, philanthropic, and industry partners.

CSUPERB recognizes that modern biotechnology preparation requires the integration of coursework, hands-on practice and participation in multi-disciplinary, team-based research projects. CSUPERB's competitive grants and awards programs support these activities systemwide. Programs include: the CSUPERB-I2P® Early-Stage Biotechnology Commercialization Challenge, the Howell-CSUPERB Research Scholars Awards, the Presidents' Commission Scholar Awards, the Crellin Pauling Student Teaching Award, the Glenn Nagel Undergraduate Research Award, the Don Eden Graduate Student Research Award, Travel Grant programs for students and faculty, New Investigator Grants, Research Development Grants, Entrepreneurial Joint Venture Grants, and Biotechnology Programmatic Development Grants. These programs award more than \$800,000 to CSU faculty and students annually.

CSUPERB programs are administered by an Executive Director, a strategic planning council and a faculty consensus group, involving faculty representatives from each CSU campus. The Presidents' Commission includes presidents from San Diego State University, CSU Channel Islands, CSU Northridge, CSU San Marcos, Humboldt State University, San Jose State University, and a CSU Executive Vice Chancellor. Visit the program websites at <http://www.calstate.edu/csUPERB> and <http://www.csubiocompass.org> for more information.

Mount Laguna Observatory

Paul B. Etzel, Director, Professor Emeritus

San Diego State University operates Mount Laguna Observatory under special permit from the US Forest Service some 45 road miles east of the campus at an elevation of 6100 feet in the Cleveland National Forest. The current research telescopes include two reflectors with apertures of 24- and 40-inches; a new 48-inch reflector is being built jointly with the University of Kansas. Each has a modern telescope control system that allows for remote and robotic observing over the Internet via high-speed (45 Mbps) wireless connectivity through the University of California, San Diego. Auxiliary equipment includes multiple CCD cameras, Near-IR camera, CCD spectrograph, and photoelectric photometers. Support facilities include a shop building, dormitory and apartments for observers. Associated with the observatory is the Awona Harrington Visitor Center, which supports educational programs and visiting astronomers. The 21-inch Buller telescope serves General Education classes on the main campus, and limited public outreach programs in the summer months with the US Forest Service. The website is <http://mintaka.sdsu.edu>.

Watershed Science Institute (WSI)

Trent W. Biggs, Director

The Watershed Science Institute (WSI) promotes collaboration among SDSU researchers and communities involved in the management and regulation of land and water resources. The objective of WSI is to improve the integration of science, policy, and management of watersheds by aligning research questions with critical management needs. The regional focus is on Southern California, including San Diego County, Imperial Valley, and the US-Mexico Border region, all of which face critical challenges related to water resources and water quality, including drinking water supply shortages, climate change, water quality deterioration, impaired surface water bodies, soil erosion, and coastal contamination. WSI has collaborators across the university, including faculty in biology, civil and environmental engineering, geography, mathematics and statistics, and public health, and is therefore a university-wide institute housed in the Division of Research Affairs. Community collaborators include the City of San Diego Water Department, San Diego Coastkeeper, San Diego Regional Water Quality Control Board, San Diego River Conservancy, San Diego River Park Foundation, Southern California Coastal Water Research Project, and others. For more information, visit <http://watershed.sdsu.edu>.

College of Arts and Letters

Administration

Dean: Norma Bouchard
Associate Dean: Eniko Csomay
Associate Dean: Madhavi M. McCall
Assistant Dean for Student Affairs: Michelle Lenoue (Interim)
Director of Development: Janee Shaw
Director of Resources Management: Elaine Rother

Research Centers and Institutes

Center for Asian and Pacific Studies Sandra A. Wawrytko, Director

The Center for Asian and Pacific Studies brings together interested students, faculty, and community members, to promote teaching, research, and contemporary dialogues on the cultures and societies of Asia and the Pacific Rim and their relationships to North America. To explore East Asia, South Asia, Southeast Asia, the Pacific Rim, and Asian American communities, the center draws on the academic resources of multiple departments and programs within and outside of the College of Arts and Letters, including: anthropology, art, Chinese, comparative literature, economics, geography, history, Japanese, linguistics, philosophy, political science, religious studies, sociology, and women's studies. The center supports colloquia and symposia, curriculum development, student and faculty research, community research, international programs, and new college initiatives to educate students, community members, and working professionals about Asian and Pacific languages, cultures, politics, economics, histories, and societies. The center promotes faculty and student exchanges with Asian universities as well as study abroad programs in the Asia Pacific. The center houses the undergraduate major, the emphasis in Chinese Studies and Language, a minor in Asian studies, a minor in Chinese studies, as well as the graduate program. For more information, please visit <http://asiapacific.sdsu.edu>.

Bread and Roses Center Doreen Mattingly and Kimala Price, Co-Directors

The Bread and Roses Center for the promotion of creativity, scholarship, and community action in support of the women's movement, is the first such center in the nation. The Bread and Roses Center plays a central role in promoting activism in close connection with research and teaching. Since its founding in 2002 by the Department of Women's Studies, the center has been home to interdisciplinary and intersectional projects that foster women's economic, social, and political empowerment; promote internationalization and transnational feminist collaborations; build a stronger local feminist community within the university and with other San Diego organizations; link feminist theory to practice; and train future feminist advocates and professionals.

The Bread and Roses Center is housed in the Department of Women's Studies and can be reached by contacting the department office at 619-594-2952 or on the website at <http://breadandroses.sdsu.edu>.

National Center for the Study of Children's Literature (NCSSL) Joseph T. Thomas, Jr., Director

Situated in the Department of English and Comparative Literature, the National Center for the Study of Children's Literature (NCSSL) embodies SDSU's long-term commitment to the study of children's and adolescents' literatures. As one of North America's oldest and largest programs, SDSU's children's literature program employs many specialists with national and international reputations and enrolls as many as 1,000 students annually in its undergraduate classes, in its Master of Arts degree in English, specialization in children's literature, and in its Advanced Certificate in Children's/Adolescent Literature.

As a research center, the NCSSL hosts visiting scholars, sponsors annual lectures and special events, and provides faculty with the wherewithal to engage in scholarship within a collegial environment. In terms of campus and community outreach, NCSSL faculty collaborate with other programs and departments, conduct summer programs and professional seminars for K-12 teachers, discuss books for the young in various media outlets, and speak to public and professional groups. NCSSL faculty and students also review contemporary children's/young adult books and have donated thousands of books to the SDSU library and to local school districts; these reviews and other announcements are available at <http://sdsuchildlit.blogspot.com>. Information about the NCSSL can be found at <http://childlit.sdsu.edu>.

Chinese Studies Institute Li-Rong Lilly Cheng, Director

The Chinese Studies Institute coordinates and supports on-campus teaching and research related to the Chinese speaking world. The institute develops and fosters faculty and student exchange programs with universities and institutions of higher learning. Various cultural programs on the Chinese speaking world and activities on campus and in the community promote cultural awareness and understanding. The development of Chinese language publications, audiovisual materials, periodicals, newspapers, and other resources on campus fosters relationships between San Diego State University and the Chinese community, as well as nurtures friendship between the Chinese and American peoples. For more information, visit the website at <http://www-rohan.sdsu.edu/~csi/index.htm>.

Collections Management Program (CMP) Jaime Lennox, Interim Director

The Collections Management Program (CMP) works toward the following goals: preserving and curating historic and prehistoric anthropological, archaeological, and ethnological collections; encouraging professional and student research with the collections; promoting the preservation of these resources in partnership with Native Americans and other ethnic groups; and advocating community involvement with the collections. It meets federal and state legislation regarding care of the collections, fosters an understanding of the value and importance of the collections, and provides advanced curation management and facilities for the care of over 900 collections and several hundred thousand artifacts. For more information on CMP and internship opportunities, visit their website at <http://cmp.sdsu.edu>.

Confucius Institute**Li-Rong Lilly Cheng, Managing Director**

The Confucius Institute (CI) at San Diego State University (SDSU) was established in collaboration with the Confucius Institute Headquarters (Hanban), the executive body of the Chinese Language Council International, a non-governmental and non-profit organization affiliated with the Ministry of Education of China. Housed in the College of Arts and Letters, the purposes of the CI of SDSU are to strengthen educational cooperation between China and the United States and to promote development of Chinese language education at the primary, secondary, and tertiary levels as well as at the community colleges. The CI at SDSU focuses especially on teacher training by offering both on-site and online classes while utilizing the most advanced language teaching pedagogy and technology. The CI at SDSU has a partner institution in China – Xiamen University, a distinguished national research university.

In conjunction with the Chinese program in the Department of Linguistics and Asian/Middle Eastern Languages, as well as other relevant academic units at SDSU, the institute supports and promotes the following activities:

- A teaching-training service center;
- Teach Chinese language and provide Chinese language teaching resources;
- Train Chinese language instructors;
- Hold Chinese proficiency tests and tests for the certification of Chinese language teachers;
- Provide information and consultative services concerning China's education, culture, economy, and so forth;
- Conduct language, trade mission, and cultural exchange activities;
- Conduct other activities in collaboration with Hanban and Xiamen University.

Institute of Druze Studies (IDS)**Samy Swayd, Director**

The Institute of Druze Studies (IDS) is an academic non-profit organization dedicated to research and discourse on the Druzes and related topics. The Druzes are a Middle Eastern minority group that live predominantly in the mountainous regions of today's Lebanon, Syria, Jordan, Israel, and with smaller numbers elsewhere around the world. More than 25,000 Druzes live in the United States with California as the main center of the American Druze Society (ADS). The Druze sect began in Cairo and has survived for almost one thousand years.

The IDS aims to 1) provide information on Druze history, society, and faith; 2) encourage research and studies on historical and contemporary Druze communities; and 3) promote academic discourse about other immigrant religious communities. The IDS pursues these objectives through an international multidisciplinary conference, an academic journal, and a newsletter. The IDS participates in professional conferences and provides guest lectures to interested organizations.

For more information, call the office at 619-594-1880 or the Department of Religious Studies at 619-594-5185, FAX 619-594-1004, or <http://www.druzestudies.org>.

Center for Earth Systems Analysis Research (CESAR)**Allen Hope, Piotr Jankowski, Douglas Stow, Co-Directors**

The Stephen and Mary Birch Foundation Center for Earth Systems Analysis Research (CESAR) was founded in 1986 as a computer-based facility for geographic information science research and instruction that is administered by the Department of Geography. The purpose of the center is to apply state-of-the-art, geo-spatial technology in geographic information systems (GIS), global positioning systems (GPS), remote sensing, image processing, automated cartography, spatial statistics, and spatial modeling to problems with geographic dimensions. As such, a number of Geography Department faculty are affiliated with the center. Research conducted by CESAR is directed at both applied and

fundamental problems in fields ranging from urban and regional planning to earth system science. This research includes computer-based map and image data processing and spatial simulation modeling, as well as field-based data collection. CESAR has extensive hardware, software, imaging systems, and field equipment resources in its four laboratories: (1) Richard Wright Spatial Analysis Laboratory, (2) Regional Analysis Laboratory (REGAL), (3) William Finch Remote Sensing Laboratory, and (4) Stephen and Mary Birch Foundation GIS Laboratory.

For more information about on-going research projects or services provided by CESAR, or for a demonstration of its capabilities, call 619-594-8042 or 619-594-5437 or dave@geography.sdsu.edu.

Institute for Ethics and Public Affairs**Peter C. Atterton, Director**

The Institute for Ethics and Public Affairs at San Diego State University seeks to promote critical thinking about moral issues that are often complex in nature. It aims both to be a resource to members of the campus community, the larger community of scholars, and the greater San Diego community who wish to pursue thoughtful discussion and research as a means of clarifying moral problems. It also aims to raise the profile of the moral dimensions of contemporary issues. The institute is housed in the Department of Philosophy, but seeks interdisciplinary discussion and collaboration since clarity on contemporary moral problems often involves both the application of normative theorizing and empirical investigation. The institute organizes and sponsors a variety of programs on applied and theoretical moral issues. Among these programs are colloquia, community outreach talks, lectures, and student essay contests. Visit the website at <http://ethics.sdsu.edu> for details.

Center for European Studies**Veronica Shapovalov, Director**

The Center for European Studies, through its associated faculty and students, is committed to the multidisciplinary study of Europe and its dynamic and evolving calculus of nations, cultures, languages, and perspectives. The center is a vehicle for fostering appreciation of Europe, the societies and cultures within its geographical boundaries, and the ideas that make up various European realities. The center will develop grant funded programs (e.g. colloquia, symposia, etc.), collaborative teaching and research opportunities, faculty exchanges, internship leads for partner programs, workshops, and related activities.

For more information regarding the Center for European Studies, contact Veronica Shapovalov in the Department of European Studies at 619-594-5111, 619-594-7147, or veronica.shapovalov@sdsu.edu.

Charles W. Hostler Institute on World Affairs**Jonathan M. Graubart, Director**

The Charles W. Hostler Institute on World Affairs plays a critical role in the educational mission of SDSU. It was founded in 1942 as the Institute on World Affairs to inform students, faculty, and the wider public on global affairs. The institute has provided the SDSU and greater San Diego communities with high level and spirited intellectual engagement on a rich diversity of international issues and controversies. Recent topics have included drone warfare and targeted killings, international war crime courts, Iran's stance on nuclear weapons and its evolving relationship with Israel, and new challenges in U.S. foreign policy. The institute includes an upper-division political science course every spring. Recent themes of this course have been international law and global justice, moral responsibility in world affairs, and critical Israeli voices.

The institute prides itself on encouraging robust critical debate, including the airing of highly controversial themes under the operating motto of *audiatur et altera pars* (let the other side be heard). Speakers are drawn from all areas of global affairs, including international diplomacy, academia, national security, and protest politics. The institute is honored to bear the name of Charles W. Hostler, former U.S. Ambassador to Bahrain. Ambassador Hostler served his country with distinction and provided generous support in time and money to the institute and many other worthy causes. More information can be found at <http://hostler.iwa.sdsu.edu>.

Center for Human Dynamics in the Mobile Age (HDMA)
Ming-Hsiang Tsou, Director

The Center for Human Dynamics in the Mobile Age (HDMA) examines the transformation of innovative academic research into technological and practical software solutions for solving real world problems (such as disease outbreaks, disaster response and recovery, health disparities in cancer and obesity, drug abuse, and urban crime rates). Researchers integrate spatial science (GIS and GPS technologies), mobile applications and technologies, and big data sources to analyze real world problems in order to build transformative scientific theories and computational models for understanding human dynamics. For more information, please visit <http://humandynamics.sdsu.edu>.

Center for Information Convergence and Strategy (CICS)
André Skupin and Akshay Pottathil, Co-Directors

The Center for Information Convergence and Strategy (CICS), established in mid-2014, focuses on modern technology application in diverse domains at local, state, federal, tribal, and international levels. It supports research across related disciplines with an emphasis on data acquisition and analytics, social media solutions, strategic mapping, and systems integration and development. From visualization to predictive analytics, CICS leverages various information technologies to evaluate current trends and develop strategies based on dynamically evolving content.

To promote innovation through open collaboration, the center offers transparent interaction among government, industry, and academia by acting as a platform for transdisciplinary research and education efforts, with focus on data mining and advanced visual techniques, as well as building strategies and solutions for government and private industry. To organically incubate innovation, CICS aims to catalyze and nurture partnerships and collaborations in strategic regions globally.

The center has a diverse group of faculty researchers and subject matter experts that deploy a range of methodologies, from machine learning and advanced visualization to rhetoric analysis, applied to subjects as diverse as disaster response, global security, threat reduction, business development, biomedicine, public health, and digital humanities.

For further information or to schedule a visit, see the website at <http://cics.sdsu.edu>. The CICS office is located in Storm Hall, Room 339.

**Center for Interdisciplinary Studies of
Young People, Environments, Society, and Space (YESS)**
Stuart C. Aitken, Director
Tom Herman, Managing Director
Fernando Bosco, Pascale Joassart-Marcelli,
Ramona L. Perez, Penelope J.E. (Jenny) Quintana,
Shulamit N. Riblantt, Co-Directors

YESS is an interdisciplinary collective of academic and community interests that integrates multiple approaches to foster child and youth well-being. The mission of the center is to support research on children, environments, families, society, and space. It includes not only international scholarship and global perspectives on families and young people but also local community research initiatives in San Diego and Tijuana.

The geographical contexts within which young people live structure individual lives and provide connections to social and political formations. It is important to get beyond the problematization of "children," "families," and "communities" as categories so that we may find ways to account for the unique processes of identity formation and the relationships through which young people construct their lived spaces. Consequently, YESS supports research that is intent on raising new questions concerning the interdependence of children, caregivers, their communities and social and spatial structures.

The center focuses on local and international research, workshops, and conferences as funding allows. It is connected to international child research centers in Africa, Asia, Europe, and Latin America. YESS sponsors the international Routledge journal, *Children's Geographies: Advancing interdisciplinary understanding of younger people's lives*. In addition to this international, global focus, ISYS supports research in San Diego and Tijuana that relates to children, families and communities.

For information call 619-594-6498, or visit the website at <http://geog.sdsu.edu/Research/Projects/ISYS/>.

International Population Center (IPC)
John R. Weeks, Director

The International Population Center (IPC) promotes applied demographic research and the provision of technical assistance and consulting, especially focusing on population issues and policy within the San Diego/Tijuana region, the U.S.-Mexico border, Africa, and the Middle East.

Although it is located in the Department of Geography, IPC is a multidisciplinary facility, linking center faculty from several departments on campus with center associates from other organizations and universities in the San Diego region. Contact the center at 619-594-8040 or visit the website at <http://geography.sdsu.edu/Research/Projects/IPC/ipc2.html>.

International Studies Education Project (ISTEP)
Emily M. Schell, Director

The International Studies Education Project (ISTEP) supports the twin SDSU priorities of community outreach and internationalization through the promotion of international studies education in our schools and community. Programs designed to improve teaching and learning at the pre-collegiate level are emphasized, with particular foci on the social sciences and humanities as they relate to international, cross-cultural and citizenship education within both the domestic American and wider global context.

ISTEP programs are multidisciplinary and collaborative in nature, involving partnerships with other SDSU academic departments, centers and institutes, as well as with other educational institutions and community groups. Programs include in-service teacher training and professional development workshops and institutes, curriculum development, student-focused programs, and partnerships with schools and districts. The ISTEP Instructional Resource Center is a "demonstration" collection of K-16 instructional materials in global issues, world areas and cultures, and cross-cultural education available to SDSU students and educators throughout San Diego County.

For more information, visit ISTEP's website at <http://istep.sdsu.edu>.

International Technology and Trade Network (ITTN)
Marc Siegel, Director

The International Technology and Trade Network (ITTN), an institute of San Diego State University's Center for International Business Education and Research (CIBER), is a collaborative offering of the College of Arts and Letters and the College of Business Administration. The objective of the ITTN is to promote methods for creating a stable economic environment for transnational business, trade, and research. The institute will seek ways to use business as a catalyst for regional peace and cross-border economic development. This effort will focus on networking together business assistance organizations, academic institutions, and research centers in regions of conflict and emerging economies. We will establish a virtual business assistance network that will take advantage of the latest Internet, information, and telecommunications technologies to provide business-to-business and organizational links. We will use these technologies to share information as well as provide educational, training and distance learning opportunities to participating members of the network.

Center for Islamic and Arabic Studies
Ahmet T. Kuru, Director

The Center for Islamic and Arabic Studies administers the minor in Islamic and Arabic Studies, and the major in Social Science: Emphasis on Islamic and Arabic Studies. It is committed to supporting teaching and research on the lives of Muslim and Arabic-speaking peoples past and present. The center's study of the Islamic world focuses on the global context in which Islam emerged historically, the cultures and societies that it helped shape, most especially in Eurasia and Africa, and the current global condition in which people in the Islamic world situate themselves today. It sees the Arabic language as the cultural medium for diverse ways of life that are of world historical significance.

The center is multi-disciplinary and includes in its scope of study the Arabic and Persian languages and literatures; the history of Muslim and Arabic-speaking peoples; political, economic, and social dynamics of contemporary societies; art and architecture; social, political, religious, and philosophic thought; and the experience of Muslim communities in the United States and around the world. For more information, visit the website at <http://www.cias.sdsu.edu>.

**Language Acquisition Resource Center (LARC)
National Language Training Center (LTC)
Mary Ann Lyman-Hager, Director, LARC and LTC
Chris Brown, Managing Director, LARC and LTC
Trevor Shanklin, LARC Laboratory Director**

SDSU created the Language Acquisition Resource Center (LARC) in 1989 to teach foreign languages more effectively using technology. From 1990-2014, LARC served as a national Language Resource Center (LRC), with funding from the U.S. Department of Education. Since 2011, LARC serves as a national Language Training Center to train military personnel in critical world languages and cultures. LARC laboratories and facilities serve area K-16 teachers, enabling them to do research in second language acquisition and to assess language proficiency. LARC staff and faculty provide professional development, experiences for teachers focused on enhancing cross-cultural competence and developing language competence, particularly in less commonly-taught languages. Students and teachers use the LARC laboratories to explore advanced technologies and to enhance language learning experiences. SDSU's LARC has one of the nation's finest multimedia collections and language laboratory facilities, with digitizing and desktop video conferencing capabilities, a research library, smart classrooms, and faculty offices. The laboratories also serve foreign language students in several departments (European Studies, Linguistics and Asian/Middle Eastern Languages, and Spanish and Portuguese Languages and Literatures).

LARC has enhanced its infrastructure and Internet capabilities in order to better explore and develop models of distributed and distance learning, as well as digital humanities materials. These models reflect the changing demographics of SDSU students and require new curricula to accommodate evolving student learning preferences. LARC's archives house learning objects, authentic materials, lesson plans, and courses and allow for online contributions from national and international collaborators.

LARC hosts companion initiatives, STARTALK Teacher and Student summer programs, focusing on youth and critical languages; ProjectGO (Project Global Officers), whose major purpose is to create opportunities for ROTC students to be learners of Arabic, Persian, Russian, and other world languages who can reach advanced levels of proficiency; and SAILN (the Southern Area International Language Network), offers professional development to world language teachers in several counties of Southern California.

Visit the website <http://larcnet.sdsu.edu> for more information.

**Center for Latin American Studies
Ramona L. Pérez, Director**

The Center for Latin American Studies supports teaching and research related to Latin America. It has primary responsibility for the administration of the Latin American studies undergraduate and graduate degrees. It also participates in joint degree programs in international business, business administration, and public health. The center administers programs that are interdisciplinary, drawing on the expertise of an outstanding Latin Americanist faculty from the following departments and schools: Anthropology; Art and Design; English and Comparative Literature; Economics; Geography; History; Political Science; Public Affairs; Public Health; Social Work; Sociology; Spanish and Portuguese Languages and Literatures; Women's Studies; and the College of Business Administration. In addition, the center is involved with the development of innovative methods of instruction in Mixtec, Spanish, and Zapotec; the provision of information and in-service training programs for elementary and secondary school teachers; and the provision of services for the general public through the sponsorship of conferences, workshops, lectures, and films. The center also assists in the development of the university library's Latin American holdings. The center has cooperative agreements for research, faculty, and student exchanges with several Latin American universities, particularly in Mexico, Chile, and Costa Rica.

For additional information, visit the website at <http://latinamericanstudies.sdsu.edu>.

**Lipinsky Institute
Risa Levitt Kohn, Director**

The Lipinsky Institute supports the advancement for community outreach and the annual visiting Israeli professorship. To learn more, visit the website at <http://jewishstudies.sdsu.edu>.

**Center for Qualitative Research
Norma Ojeda, Interim Director**

The Center for Qualitative Research, located within the Department of Sociology at San Diego State University, promotes the use of qualitative methods in the quest to understand and explain important aspects of social organization. Qualitative researchers utilize a wide range of methods to gather data including participant observation, in-depth interviews, content analysis, focus groups, photography, film, and videography to accomplish a holistic study of social meanings, social relations, and social institutions. The primary objectives of the center are to:

- Create and sustain an interdisciplinary community of scholars whose principal research focus is qualitative;
- Organize and facilitate workshops and colloquia focusing on the key issues facing qualitative researchers such as methodological, epistemological, and ethical issues;
- Provide a forum for the dissemination of the products of qualitative research across all disciplines;

For more information, contact the center at 619-594-4826.

**Institute for Regional Studies of the Californias (IRSC)
Paul Ganster, Director**

The Institute for Regional Studies of the Californias (IRSC) provides San Diego State University with a forum for the investigation, discussion, and dissemination of information about the United States-Mexican border region. Although the institute focuses on the border region of California, Baja California, the United States, and Mexico, it is also concerned with important issues of border regions elsewhere in the world.

Created in 1983, the institute has undertaken multidisciplinary applied research projects on important regional concerns including transborder environmental issues, policy perspectives of the California-Mexico relationship, quality of life, and sustainable development. IRSC also plays an active role in Mexico-related professional organizations and is frequently consulted on transborder issues by the media, nongovernmental organizations, the public sector, and other border stakeholders.

Other institute activities include conducting binational symposia; improving communication between public and private sector representatives on both sides of the border; serving as a clearinghouse for information on transborder events, issues, and institutions; and encouraging the effective use of educational resources among the region's universities. The institute serves as a major link between SDSU and Mexican universities and institutions.

IRSC has an ongoing publications program that includes books, monographs, and shorter items. Many titles are co-published with SDSU Press.

IRSC conducts applied research projects on border environmental issues and policy, regional economic issues, and transborder planning issues. For more information, visit the website at <http://irsc.sdsu.edu>.

**South Coastal Information Center (SCIC)
Seth Mallios, Director
Jaime Lennox, Coordinator**

The South Coastal Information Center (SCIC) promotes and ensures the preservation of historic resources in San Diego County through archaeological research, archival maintenance, and education. As the state-sponsored archaeological archive for the region, SCIC is responsible for coordinating all written and spatial information for over 50,000 archaeological sites. SCIC specializes in digital conversion and analysis and has a fully integrated archaeological Geographic Information System (GIS). Student internships are available with emphasis on the California Historical Resources Information System (CHRIS) and GIS. For more information, visit their website at <http://scic.org>.

Watershed Science Institute
Trent Biggs, Director

The Watershed Science Institute (WSI) promotes collaboration among SDSU researchers and communities involved in the management and regulation of land and water resources. The objective of WSI is to improve the integration of science, policy, and management of watersheds by aligning research questions with critical management needs. The regional focus is on Southern California, including San Diego County, Imperial Valley, and the US-Mexico Border region, all of which face critical challenges related to water resources and water quality, including drinking water supply shortages, climate change, water quality deterioration, impaired surface water bodies, soil erosion, and coastal contamination. More information can be found at <http://watershed.sdsu.edu>.

Social Science Research Laboratory (SSRL)
Cathy Cirina-Chiu, Managing Director

Established in 1974, the Social Science Research Laboratory (SSRL) was founded to support social research at San Diego State University and in the San Diego community. SSRL currently provides survey research and program evaluation services to university faculty and administrators, local government agencies, and non-profit organizations. SSRL has completed program evaluations in a variety of program areas, including youth violence prevention, LGBT health, substance abuse, and HIV prevention. Services available to clients include program evaluation, focus groups, telephone, web, mail, intercept, multi-mode and multi-language surveys, research design, and data analysis.

SSRL also provides graduate-level training in survey research methodology and practices through its Internship in Applied Survey Research and Program Evaluation. The goal of the internship is to provide eligible graduate students with field experience in survey research and program evaluation and an opportunity to apply the information and skills learned in their graduate program curriculum in a real-world social research setting. More information can be found at <http://ssrl.sdsu.edu>.



College of Business Administration

The College of Business Administration and the School of Accountancy are accredited by AACSB International—the Association to Advance Collegiate Schools of Business—at both the undergraduate and graduate levels. Several College of Business Administration programs are registered with the Certified Financial Planner Board of Standards. Visit the College of Business Administration website at <https://cbaweb.sdsu.edu/grad>.

Administration

Dean: J. Dennis Cradit

Associate Dean for Academic Affairs: David P. Ely

Assistant Dean for Student Affairs: Tita L. Gray

Director of Assessment: Kathleen A. Krentler

Director of Graduate Programs: Nikhil P. Varaiya

Director of Undergraduate Programs: Gary M. Grudnitski

Director of Graduate Career Management Center: Beverly K. Bracker

Director of Resource Management: Davette Kawachi

Research Centers and Institutes

Center for Accounting in the Public Interest

Steven L. Gill, Interim Director

The Center for Accounting in the Public Interest (CAPI) was established in 2006 and received its first grant from the President's Leadership Fund.

The center provides online resources and communication through the website at <http://capi.sdsu.edu>.

Corporate Governance Institute (CGI)

Lori Verstegen Ryan, Director

The Corporate Governance Institute (CGI) is an education and research center dedicated to the study and application of responsible corporate governance principles worldwide. Founded in 1998, the mission of the CGI is to enhance the skills of corporate directors, investors, and senior executives by developing innovative curriculum, fostering cutting-edge research, and offering influential practitioner education. CGI programs focus on identifying and applying ethical corporate governance practices and are guided by the principle that corporate leaders have a primary duty to ensure the financial viability of the organizations that they manage.

CGI was a first-mover in the development and delivery of a dedicated corporate governance course to MBA students in 1999, followed by a required corporate governance course for all Executive MBA students in 2007. For more than a decade, CGI has held dedicated symposia and annual research events for an international network of corporate governance scholars. The institute also offers lectures and panels for students, faculty, and the public, featuring such prestigious corporate executives, directors, and investors as the CEOs of Home Depot and Allergan Inc.; chairmen of the boards of CVS Caremark, Hewlett-Packard, Allergan Inc., and Chesapeake Energy; and Relational Investors founders David Batchelder and Ralph Whitworth.

For more information concerning CGI's programs, e-mail CGI@SDSU.edu, call 619-594-5314, or visit <http://cbaweb.sdsu.edu/cgi>.

Lavin Entrepreneurship Center

Alex F. DeNoble, Executive Director

Bernhard Schroeder, Director, Lavin Center Programs

The Lavin Entrepreneurship Center serves students and startup companies that contribute to the emerging growth sector of the regional business community. The mission of the Lavin Center is to develop educational and experiential programs and research focused on best practices that promote entrepreneurship and innovation at the individual and organizational levels.

The range of entrepreneurial programs offered includes:

- (1) mentorship and advisory support to help students acquire the tools and skills necessary for new venture creation and development;
- (2) intern programs to provide experiential education for undergraduate and graduate students; and
- (3) experiential programs, workshops, and competitions to help students foster the creation of startup companies.

The Lavin Center focuses its program development on all areas of the entrepreneurial process including: investor financing, product innovation, management of technology, managing organizational growth, succession planning, leadership, talent management, branding and positioning, social media marketing, and estate planning.

The Lavin Center sponsors and creates a myriad of programs and events at San Diego State University aimed at the campus population:

- LaunchIn, featuring an entrepreneur panel and 50 startups on the campus hiring students;
- LeanModel Competition, start-up global business model university competition;
- California Entrepreneurship Educators Conference, bringing thought leaders together to further entrepreneurship;
- QUALCOMM Social Entrepreneur Internship program; students helping non-profits;
- Venture Capital Investment Competition, preparing students for venture based activities;
- WebCompass, an undergraduate internship building websites for local companies;
- L. Robert Payne Distinguished Entrepreneur Lecture Series;
- VentureStart Competition, on campus business model competition for all SDSU students;
- Lavin Entrepreneurs, a two-year undergraduate cohort with mentoring by entrepreneurs;
- Entrepreneur Day, yearly campus wide celebration of SDSU student entrepreneurs;
- Entrepreneurs Study Abroad; melding courses, students, and entrepreneurs in international settings.

For further information, contact the Lavin Entrepreneurship Center in the Gateway Center, Suite 1502, 619-594-2781, and at <http://lavincenter.sdsu.edu>.

Institute for Inclusiveness and Diversity in Organizations (IIDO)

Beth G. Chung, Director

The purpose of the Institute for Inclusiveness and Diversity in Organizations (IIDO) is to support the development of knowledge and competencies needed to manage a more diverse workforce in a global business environment. Diversity is viewed here in broad terms, incorporating age, ethnicity, disability, sexual orientation, culture, and nationality. Both the changing nature of the work force and the global challenges faced by organizations point to the value of researching inclusion and diversity issues. This information deepens the body of knowledge about organizational diversity for management scholars, presents needed information to the business community, provides research opportunities for faculty, and offers educational opportunities for students. Founded in 2006, the IIDO seeks to accomplish these goals by: (1) conducting survey research that investigates the impact of organizational diversity and globalization, with the goal of improving organizational effectiveness; (2) cultivating mutually

beneficial relationships with organizations (private sector, public sector, and nonprofit) that support the goals of optimizing human resource management and development in a diverse and interconnected world; and (3) contributing to the education of students, employees, managers, and executives to prepare them for roles in an increasingly diverse and global world. The IIDO also seeks to create research partnerships among faculty at SDSU and at other universities to enhance the knowledge base on inclusion, and to increase the international reputation and visibility of the College of Business Administration among scholars and the business community. For further information, contact the IIDO at 619-594-2699, Beth.Chung@sdsu.edu, or at <http://www.sdsu.edu/iido>.

Center for International Business Education and Research (CIBER)

Mark J. Ballam, Managing Director
Martina Musteen, Faculty Director
A. Paige Bryant, Project Coordinator

San Diego State University's Center for International Business Education and Research (SDSU CIBER) is a national center of excellence funded, in part, by a grant from the U.S. Department of Education. The overall mission of the national CIBER program is to help ensure the United States' long-term international competitiveness by supporting research, education, and outreach activities.

One of 17 centers nationwide, SDSU CIBER was one of the first five established in 1989 and assists in linking the manpower and information needs of U.S. business with the international education, language training and research capacities of universities across the nation. SDSU CIBER serves as a catalyst to further integrate and advance a number of diverse activities relating to international business education and research. Activities of SDSU CIBER include support for faculty research, international business and foreign language curricular initiatives, outreach and development programs for the business community, and training programs for language and business faculty. SDSU CIBER also organizes conferences, workshops, and seminars designed to improve our nation's capacity to compete in the global economy.

SDSU CIBER is located in the College of Business Administration, and collaborates with programs and colleges across the university. For more information, visit <http://www.sdsu.edu/ciber>.

International Institute for the Commercialization of Biomedical Innovation (IICBI)

The International Institute for the Commercialization of Biomedical Innovation (IICBI) seeks to bring the world's biomedical innovations to the marketplace. The goal of the IICBI is to work with leading universities to expedite biomedical concepts into development; and then move them forward into the marketplace. The IICBI works with national as well as international universities to develop and bring new medical devices, apparatuses, pharmaceuticals, and treatments to the marketplace. It is partnered with other universities to identify and in-license technologies. Students, faculty, and key life science business leaders work together to develop: (1) a business plan; (2) an IP strategy; (3) a patent for a disclosure, regulatory plan; (4) a competitive strategy for the technology; and (5) identify and pursue commercial partners to develop and market the end product. The mission of the IICBI is to provide the expertise and infrastructures to support the development and commercialization of biomedical innovation from universities across the globe that currently lack the ability to bridge the gap between concept generation and product launch.

Center for the Study of Personal Financial Planning (CSPFP)

Marie-Eve Lachance and Ning Tang, Co-Directors

The center encourages research in individual and family finance to further the ability of financial counselors and planners to provide advice that aids in achieving their financial objectives.

The theoretical base of decision-making criteria for personal financial decisions is weak and sometimes non-existent. In many cases, individuals, families, and their financial planners and advisers make important decisions that have little or no theoretical foundation. The finance discipline – as taught at the university-level – has grown around corporate decision-making, not decisions of the household. The development of an emerging financial planning profession has made this lack of theoretical basis evident. The center is founded on the belief that there is a significant need for scholars to share their ideas and mutually develop their research thoughts, for financial reporters to bring the practical application of this work to the attention of professionals and the public, and for students engaged in the study of financial planning to be aware of the latest findings of researchers engaged in this field.

The center is involved in the development of a national web-based research database and a national graduate student financial planning competition. The financial planning web-based bibliography is aimed at three groups of users: journalists, researchers, and students. Summaries of recent research in financial planning concepts is available for journalists to help disseminate research findings to the popular press. Researchers can find background articles listed by financial planning topical areas. Faculty can determine state of the art research on various topics by sharing research interests and/or discussion drafts. And nationally, students can access research to aid in their academic understanding of financial planning issues.

The center can be reached at mlachanc@mail.sdsu.edu.

The Corky McMillin Center for Real Estate (CMCRE)

Mehdi Salehizadeh, Interim Director
Melissa Abeyta, Center Coordinator

The Corky McMillin Center for Real Estate, part of the College of Business Administration at SDSU, has a history, tradition, and commitment to teaching real estate. The program began in 1958 and continues to produce real estate graduates who are ready on day one. In order to contribute to the education of the next generation of real estate leaders, the McMillin family, along with HG Fenton, Cassidy Turley, and Cornerstone Communities, generously decided to give back and support real estate education by forming the Corky McMillin Center for Real Estate. The center provides students with excellent opportunities to engage with real estate professionals and participate in supplemental education sessions such as Argus training, CoStar, Excel modeling, and Yardi. For more information, please contact the center at realestate@mail.sdsu.edu.

Real Estate and Land Use Institute (RELUI)

Andrew Q. Do, Director

Established in 1983, the Real Estate and Land Use Institute (RELUI) is the first systemwide research-oriented institute of its kind in the 23-campus California State University system. The San Diego regional office of RELUI is located in the College of Business Administration.

CSU-RELUI's mission is to promote education and research in real estate and land use-related areas. In support of this mission, the RELUI seeks to support, coordinate, and manage systemwide and intercampus research activities, to maintain liaisons with government and private agencies with an interest in public policy, and to provide scholarships and grants to qualified SDSU students.

At San Diego State University, the RELUI regional director is appointed by the campus president to serve as a member of the CSU Advisory Board of the California Real Estate Endowment Fund. For more information, contact Dr. Andrew Do at 619-594-5324, andrew.do@sdsu.edu.

College of Education

Administration

Dean: Joseph F. Johnson
Associate Dean: Nancy Farnan (Interim)
Assistant Dean for Student Affairs: Patricia Lozada-Santone
Assistant Dean for Special Projects: Tanis K. Starck
Doctoral Programs: Joanne Lobato, Ian R. Pumpian,
Rafaela M. Santa Cruz, J. Luke Wood
Manager of Budget and Analysis: Julie A. White
Manager of Office of Student Services: Lisa McCully
Operations and Support Services Analyst: Elsa Tapia

Research Centers and Institutes

Center for Counseling and School Psychology Jan Ewing, Director

The Center for Counseling and School Psychology is a unit within the College of Education designed to provide support for activities such as (1) securing and administering grants and other support for research and development in counseling and school psychology, (2) encouraging cooperation with faculty members from other relevant disciplines such as anthropology, economics, psychology, social work, sociology, and Counseling and Psychological Services, and (3) conducting programs or rendering services designed to promote counseling and school psychology at San Diego State University. The center is administered by the Department of Counseling and School Psychology; fiscal matters are coordinated through the San Diego State University Foundation. For more information, visit the website at <http://www.psychology.sdsu.edu/advising/counseling%20psychology.htm>.

Center for Equity and Biliteracy Education Research (CEBER) Cristina Alfaro Karen Cadiero-Kaplan Alberto M. Ochoa, Co-Directors

The Center for Equity and Biliteracy Education Research (CEBER) examines structural, social, and linguistic conditions that hinder or promote the advancement of democratic schooling and educational social justice for all students. CEBER aims to bring together scholars and education and community leaders to assist in the advancement of knowledge regarding biliteracy and equity issues. Six components guide the work of CEBER: professional development and biliteracy teacher education, equity and biliteracy research on democratic schooling, international professional development of school personnel, biliteracy capacity from kindergarten to higher education, parental leadership in biliteracy, and dissemination of educational equity and biliteracy research.

Interwork Institute Caren L. Sax Marilee J. Bresciani Ludvik, Co-Directors

Interwork Institute's efforts focus on promoting the integration of all individuals, including those with disabilities, into all aspects of education, work, family, and community life. The institute conducts research, training, and education using a variety of strategies including distance-learning technologies. Current efforts include universal design in all aspects of our community. Educational and research efforts involve organizations and individuals in all states, tribal communities, the Pacific Basin, Asia, Mexico, South America, and Europe. Faculty and staff associated with the institute are uniquely prepared to promote the meaningful participation and productivity of each member of the community.

The institute has the following six centers:

- The Center for Educational Leadership, Innovation, and Policy examines issues that affect policies and practices of educational institutions, including their implications for leadership, planning, innovation, and organizational development. The center engages in research, development, and dissemination activities that focus on a few critical educational issues. As a result of its policy analysis and research, the center develops plans and programs which enhance organizational capacity to respond to the challenges and opportunities and which lead to the improvement of practice.
- The Minority Male Community College Collaborative (M2C3) was established with a grant from the SDSU President's Leadership Fund. The goal is to partner with community colleges across the U.S. to enhance access, achievement, and success among minority male community college students. M2C3's research and practice agenda prioritizes men who have been traditionally underrepresented and undeserved in postsecondary education
- The Center for Pacific Studies (CPS) provides research, training, and technical assistance services in partnership with institutions of higher education, government agencies, and non-profit organizations in the following Pacific Island jurisdictions: American Samoa, Republic of the Marshall Islands, Federated States of Micronesia, Territory of Guam, Commonwealth of the Northern Marianas Islands, Republic of Palau, and the State of Hawaii.
- Circle for American Indian Rehabilitation (CAIR) is devoted to the continuing education, training, and technical assistance needs for programs funded through American Indian Rehabilitation Service Projects (Section 121 of the Rehabilitation Act).
- The Collaborative for Distance Learning (CDL) provides the technology and instructional design support for all Department and Interwork activities. This has been in operation since 1993 when initial funding was received from the US Department of Education.
- The Exceptional Family Resource Center (EFRC) was initially developed under the Department of Special Education. It was transferred to the Interwork Institute in 2006. They have been serving individuals and families of children with disabilities and the professionals who assist them throughout San Diego and Imperial Counties since 1990.

The Interwork Institute's facilities are located at 6367 Alvarado Court, Suite 350. For more information, visit the website at <http://interwork.sdsu.edu>.

Center for Teaching Critical Thinking and Creativity Luke S. Duesbery, Director

The Center for Teaching Critical Thinking and Creativity (CTCTC) advances performance and productivity in diverse communities by enhancing critical and creative thinking in schools. The center collaborates with teachers to develop and evaluate applications of research on critical and creative thinking applied to rigorous content and supported by appropriate technologies. CTCTC supports teachers' continued development of their own expertise while taking advantage of their knowledge, skills, and experience in assessing effects on students' critical thinking, creative productivity, and academic performance.

San Diego State University Literacy Center
Pamela J. Ross, Director

The SDSU Literacy Center supports collaborative partnerships that serve a variety of diverse literacy needs in our community including assessment and tutoring in reading and writing for children, adolescents, and adults; workshops for parents to promote family literacy; professional education for teachers through coursework and institutes; and, research to inform teaching practice and effect systemic change in literacy education. The center houses the Community Reading Clinic. Credentialed teachers enrolled in graduate reading, Reading and Literacy Added Authorization, and Reading and Literacy Leadership Specialist credential programs, as well as professional staff, conduct tutoring and assessments. Professional development for reading recovery teacher leaders occurs at the center, and institutes are planned for reading recovery and elementary teachers in the community. Literacy center faculty members engage in research on effective instruction in reading and writing, teacher practices, and early intervention. The SDSU Literacy Center is located in City Heights in the Dede Alpert Center for Community Engagement, San Diego State University, 4283 El Cajon Blvd., Suite 200, San Diego, CA 92105. For more information, visit <http://edweb.sdsu.edu/literacy/>.

National Center for Urban School Transformation (NCUST)
Joseph F. Johnson, Executive Director

The National Center for Urban School Transformation (NCUST) helps school districts transform urban schools into places where all students achieve academic proficiency, evidence a love of learning, and graduate prepared to succeed in post-secondary education, the workplace, and their communities. The center pursues this mission through the following strategies:

- Strategy 1: Identify, celebrate, and study urban schools and districts that are transforming teaching and learning, as evidenced by excellent learning results for all students;
- Strategy 2: Engage in focused, long-term partnerships that support urban school districts as they endeavor to create model, high-performing schools;
- Strategy 3: Disseminate useful information about effective strategies to transform urban schools.

NCUST staff members develop articles, reports, book chapters, and books that feature information learned through both Strategies 1 and 2. The center supports SDSU doctoral students in educational leadership and SDSU faculty as they pursue research designed to deepen the knowledge base concerning high-performing urban schools. The NCUST website (<http://www.ncust.org>) is a nationally known source of information about effective strategies for transforming urban schools.

Pre-College Institute (PCI)
Cynthia D. Park, Executive Director

The SDSU Pre-College Institute (PCI) promotes college access and completion for underserved students, implements innovative programs to enhance excellence in teaching and learning in multicultural settings, and studies their outcomes. Founded in 1983, PCI provides an invaluable service to our communities' multicultural low-income, underrepresented, and underserved students. The faculty and staff of PCI believe that students can achieve their potential by enrolling in and completing a postsecondary program of their choice. Through multiple federally funded grants, our students receive academic advising, mentoring, personal and financial counseling, personalized college preparation, summer supplemental instruction, and tutorial assistance throughout their high school career. The institute, operating from the university's historic strength in teacher education and its proximity to Mexico, works closely with parents, principals, school counselors, teachers, and SDSU undergraduates to decrease the achievement gap between high- and low-performing schools. The institute supports continuous growth of its faculty and staff through a systematic professional development program.

The institute also offers services through its partnerships with the City Heights Educational Collaborative, the Division of Undergraduate Studies, Office of Financial Aid and Scholarships, and the Colleges of Sciences and Health and Human Services. The Pathways Office, through a partnership with PCI, the College of Education, and the Office of Financial Aid and Scholarships, provides current SDSU students with a service-learning opportunity to work as tutors at our partner school sites to provide in-class and afterschool tutoring. Tutors enroll in Education 201 and/or Teacher Education 362. Many of our tutors are interested in pursuing a career in teaching or education. The Pathways Office tutors are near-peer leaders and often serve as mentors to the students they tutor. The office recruits and trains approximately 120 volunteer and work-study eligible students per academic year. America Counts tutors work with middle and high school students on mathematics and science. America Reads tutors promote early literacy for kindergarten through third grade. All tutors attend tutor training and participate in monthly professional development seminars.

For more information, please access our website at <http://pci.sdsu.edu/education/pci>.

Center for Social Equity Technical Assistance
Alberto M. Ochoa, Director

The center conducts training and research on issues of social equity and bilingual/multicultural policy, and provides technical assistance to districts throughout southern California. The center conducts research in public equity and school finance. The center houses projects funded by federal, state, and private sources. Current projects include the Parent Leadership and the Social Equity project. The center functions within the SDSU Department of Dual Language and English Learner Education.

Center for the Study of International Education
Patricia Lozada-Santone and Sarah Maheronnaghsh, Co-Directors

The Center for the Study of International Education is a unit of the College of Education. It promotes faculty and graduate student research, explores study abroad and exchange possibilities for faculty and students, and disseminates information about international education to interested persons in the San Diego area. It also seeks to complement regular course offerings through sponsorship of lectures, conferences, and the development of bibliographic resources.

The center seeks to foster not only a network of interested faculty within the College of Education, but also encourages faculty involvement from other colleges on campus as well as from other organizations and universities in the San Diego area.

Center for Excellence in School Counseling and Leadership (CESCaL)
Patricia A. Hatch, Director

The Center for Excellence in School Counseling and Leadership (CESCaL) seeks to educate, collaborate, deepen understanding of, and improve partnerships between school counselors and administrative teams, graduate programs, and professional associations. The mission of CESCaL is to promote excellence in the field of school counseling and to assist school counselors, and their site and central office administrators, as they design, implement, and evaluate their school counseling programs. CESCaL provides training and consultation from state and national leaders in school counseling and administration with experience in implementing evidence-based practices and the ASCA National Model® for school counseling programs. CESCaL seeks to resolve critical issues that impede the operational efficiency, institutional legitimacy, and political social capital within the profession of school counseling. The center's website at <http://www.cescal.org> disseminates exemplars for educator use as a service to school counselors, school counselor educators, and administrators who supervise school counselors.

Center for Family, School, and Community Engagement
Jeana Preston, Director

The Center for Family, School, and Community Engagement was established to link the university to the educational pathways of children from “cradle through college.” The center’s mission is to build the capacity of families, educators, and community partners to advance the education of children together by providing (1) platforms for engaging in collaborative problem solving; (2) leadership development for parents and educators to work together; and (3) through new research that shines a light on partnership practices to support the healthy development and school success of children. Improving educational outcomes for children in our communities is the shared responsibility of families, educators from preschool through the college years (P-16), and their communities. The center promotes partnership approaches that engage all stakeholders to advance practical solutions and actions to ensure healthy development and academic success for all children across the continuum from birth, through each level of schooling, college, and career.

The California Parent Center (CPC) is located within the Center for Family, School, and Community Engagement, under the direction of the Department of Child and Family Development in the College of Education. CPC functions as a statewide technical assistance center for school-family-community partnerships focused on assisting educators and parent leaders at preschool, elementary, and secondary levels to work in partnership to improve academic outcomes for students. CPC works directly with school districts to implement achievement-focused family, school, and community partnerships as a key strategy for turning around low performing schools. CPC works in consultation with the California Department of Education Title I Office.

For additional information, contact Jeana Preston, Director, California Parent Center at 619-594-4756 or visit the website at <http://parent.sdsu.edu>.



College of Engineering

Administration

Dean: Morteza M. Mehrabadi

Associate Dean:

Assistant Dean for Student Affairs: Theresa M. Garcia

Director of Doctoral Programs: Eugene A. Olevsky

Research Centers and Institutes

Communication Systems and Signal Processing Institute Madhu S. Gupta, Director

This institute is engaged in educational, research, and service activities in the field of electronic communication systems, with an emphasis on radio frequency and digital signal processing aspects. Faculty, students, and industrial partners collaborate to advance the state-of-the-art in the institute's core areas of expertise, such as RF devices and integrated circuits, modems, receivers, transmitters, synthesizers, A-D and D-A converters, digital signal processing algorithms and hardware, antenna, and communication networks. Specific activities include research and design projects; development of products, software, algorithms, and techniques; and training programs including short courses.

Concrete Research Institute Mohamad Ziad Bayasi, Director

The Concrete Research Institute supports educational needs in civil engineering curriculum and concrete research performed for sponsors from industry and governments. The institute encompasses a wide range of topics. The main emphasis is currently on concrete materials and structures. Civil and environmental engineering faculty members are involved with finding optimum design solutions in bridges, seismic resistant structures, residential buildings, and retaining walls. Learn more by visiting the website at <http://engineering.sdsu.edu>.

Energy Engineering Institute Asfaw Beyene, Director

The Energy Engineering Institute has supported educational and research activities in energy related areas since 1985. Undergraduate and graduate students and faculty from the mechanical engineering and electrical and computer engineering departments are involved in obtaining solutions to problems presented by industrial sponsors. Institute research projects cover a wide range of areas from optimizing energy resources to international energy studies. For more information, visit <http://www-rohan.sdsu.edu/~energy/>.

Center for Industrial Training and Engineering Research (CITER) Gustaaf B. Jacobs, Director

The Center for Industrial Training and Engineering Research (CITER) structures and enhances collaboration between industrial partners and SDSU. The primary objective is to connect SDSU engineering departments, faculty members, undergraduate, and graduate students with engineers and staff scientists of local industry.

College of Health and Human Services

Administration

Dean: Marilyn Newhoff
Associate Dean: Guadalupe X. Ayala
Associate Dean: Larry S. Verity
Assistant Dean for Student Affairs: Jessica M. Robinson

Research Centers and Institutes

Center for Alcohol and Drug Studies and Services

Susan I. Woodruff, Director

The Center for Alcohol and Drug Studies and Services is a project of SDSU's School of Social Work. Originally named the Center on Substance Abuse, the center was established in 1985 to address alcohol and other drug-related problems at San Diego State University and in the larger community. The center specializes in research and evaluation design with an emphasis on socio-behavioral research and applied evaluation and is an umbrella organization for several alcohol and drug-related research initiatives, including the SDSU Driving Under the Influence Program, which provides education and counseling services for court-ordered offenders in the central judicial district of San Diego County. Over the past decade, the center has received numerous federal, state, and county grants and contracts from sponsors that include NIH, NIDA, NIAAA, Robert Wood Johnson Foundation, SAMHSA, and the Department of Defense. Our multi-disciplinary researchers have decades of experience in research and evaluation and are highly committed to scientific excellence. The center is located at 6386 Alvarado Court, Suite 224, 619-229-2340. We invite you to learn more about us through our website at <http://www.centerforaod.sdsu.edu>.

University Center on Aging

Anita S. Harbert, Director

The University Center on Aging is administered by the School of Social Work. The center is involved with supporting interdisciplinary educational and curriculum efforts; undertaking research, demonstration and evaluation activities; providing technical assistance and agency consultation for the community; coordinating workshops and seminars; and providing opportunities for student involvement in aging activities. The center serves as a central point for the development, dissemination, and analysis of data related to diversity and aging and long-term care.

Learn more about the center at <http://socialwork.sdsu.edu/coa>.

Institute for Behavioral and Community Health (IBACH)

Guadalupe X. Ayala and Gregory A. Talavera, Co-Directors

Administered through the Graduate School of Public Health, IBACH, formerly known as the Center for Behavioral Medicine, was established in 1982 for the purpose of promoting research and academic programs relevant to the application of behavioral science principles to medicine and health care. IBACH's current mission is to identify determinants of Latino and other health disparities and intervention approaches that address these determinants. IBACH has 27 investigators from the College of Health and Human Services (Graduate School of Public Health, Exercise and Nutritional Sciences), College of Sciences (Psychology), and the College of Business Administration (Marketing). It has two centers, the South Bay Latino Research Center and the Center for Research on Sexuality and Sexual Health. Strong research and teaching partnerships have been established with the UCSD School of Medicine, the Department of Pediatrics – Division of Child Development and Community Health, the Department of Family and Preventive Medicine, and Moores Cancer Center. Additional collaborations include Clinicas de Salud del Pueblo, Inc., Healthy Eating and Active Communities, San Ysidro Health Center Scripps Institute, Scripps Whittier Diabetes Institute, Inc., and WalkSan Diego. Funding comes from the National Institutes of Health (NCI, NICHD, NIDDK, NHLBI, NINR), Centers for Disease Control and Prevention,

Patient Centered Outcomes Research Initiative, Robert Wood Johnson Foundation, American Cancer Society, Dentaquest Foundation, Howell Foundation, and Kaiser Family Foundation. The institute provides important research experiences to trainees at all levels who intend to pursue related careers and offers opportunities for project staff and graduate students to participate in community-based work. IBACH offices are located at 9245 Sky Park Court, Suite 221, San Diego, CA 92113; additional sites are in Imperial County (Calxico and El Centro) and Chula Vista. For more information about IBACH, please visit our website at <http://ibachsd.org>.

Center for Behavioral Epidemiology and Community Health (CBEACH)

Melbourne F. Hovell, Director

Administered through the Graduate School of Public Health, CBEACH was established for the purpose of promoting research to study behavior that prevents or contributes to the causes of disease and injury. Both non-intervention and empirical studies are conducted to determine the factors most responsible for lifestyle practices related to morbidity and mortality. The center focuses on health related behavior – either protective practices or risk practices – and has been concerned with a wide range of public health and medical concerns such as: tobacco prevention in youth; environmental tobacco exposure reduction in children; STDs, AIDS, pregnancy prevention in adolescents, and prevention in women and divorced adults; violence and anger prevention. CBEACH conducts scientific investigations into the following broad areas: behavioral epidemiology, measurement, and interventions (clinical and community-based).

For more information, visit <http://www.cbeachsdso.com>.

Consensus Organizing Center (COC)

Jennifer M. Cosio, Director

The Consensus Organizing Center is administered through the School of Social Work. The COC's mission is to educate and train a new generation of social workers in community building techniques in order to make them effective catalysts for civic engagement and social change. Through school-based programs and community interventions, the center has created an environment for the teaching of consensus organizing skills to community leaders, foster youth, high school students, and social workers. Specific activities include developing a fellowship program for high school students and providing employment opportunities for undergraduate and graduate students, as well as training to the public in San Diego and throughout the nation. The COC has maintained a pledge to support community-based learning by training a select handful of highly qualified SDSU social work interns in the consensus organizing model and placing them in the San Diego community. Under the direction of Director Jennifer M. Cosio, the COC remains a strong influence in the San Diego community and has developed several successful initiatives using the consensus organizing model.

The center can be contacted at 619-594-4813 or at <http://www.consensus.sdsu.edu>.

Heart Institute

Christopher C. Glembotski, Director

The Heart Institute is sponsored by the College of Health and Human Services and the College of Sciences. The goals of the institute are to enhance basic and clinical research in the cardiovascular sciences, to foster undergraduate and graduate education in cardiovascular physiology and medicine, and to provide a community outreach service focused at heightening the awareness of cardiovascular disease and its prevention in the San Diego region surrounding SDSU. The institute is comprised of faculty members representing four different colleges at SDSU, as well as physicians and scientists from local hospitals and clinical research centers. Importantly, the institute also sponsors SDSU

undergraduate and graduate student memberships, which strengthens the involvement of students in all aspects of Heart Institute activities. The unusual blend of talent and expertise that comprise the institute membership results in an interdisciplinary approach to cardiovascular research, education and community outreach that is unique to the Heart Institute. The institute sponsors special seminars, on- and off-campus, which cover a wide range of topics in the field, and provides funding for the support of graduate students who are involved in cardiovascular research at SDSU. Areas of focus for the institute include studies of the molecular basis of cardiovascular disease, establishment of unique approaches for the early detection and prevention of cardiovascular disease, and the promotion of cardiovascular health in San Diego area K-12 schools. An important feature of these efforts that distinguishes the Heart Institute is the central role that SDSU students play in each of these areas. Funding for Heart Institute activities comes from a variety of sources, including the National Institutes of Health, the American Heart Association, the Muscular Dystrophy Association, the Rees-Stealy Research Foundation, and several San Diego-based biotechnology companies. For more information, contact the Heart Institute office at 619-594-5504 or at <http://www.bio.sdsu.edu/heart/sdsuhome.htm>.

Academy for Professional Excellence

Jennifer Tucker-Tutlow, Director

The Academy for Professional Excellence, administered through the School of Social Work, was established in 1996 with the mission to provide quality training and organizational support to health and human services agencies in the Southern California region including the counties of Imperial, Los Angeles, Orange, Riverside, San Bernardino, San Diego, Santa Barbara, and Ventura. The goal of the academy is to have university faculty and staff available to public and private health and human services agencies in the region by providing coaching, community building (classroom, field-based, online), curriculum development, organization development services, leadership development, training, and training evaluation. The academy develops competency-based curriculum on select topics for health and human services agencies in the region, provides quality training to service providers and administrators employed in health and human services agencies, engages in research and evaluation to improve the quality, accountability, and responsiveness of health and human service agencies, and develops executives in the Southern California region who will have the experience, knowledge, and skills to effectively guide organizational change and development. The academy has extensive experience managing contracts with multiple partners and organizations/agencies. The academy manages an annual operating budget of over six million dollars, comprised of multiple grants and contracts from local, federal, state governments, and private foundations.

The academy is located at 6505 Alvarado Road, Suite 107, and can be reached at 619-594-3546 or at <http://pcwta.sdsu.edu>.

Institute for Public Health (IPH)

Suzanne P. Lindsay, Director

Administered through the Graduate School of Public Health, the mission of the IPH is to serve as a vehicle for the development and support of functional linkages between the SDSU Graduate School of Public Health, local public health agencies, and private organizations in the San Diego community and neighboring areas, including Mexico. These linkages expand the availability of university-based public health expertise, research and information in the areas of epidemiology, biostatistics, health promotion and behavioral science, occupational and environmental health, maternal and child health, health services management and policy, and global/border health. Specific activities include collaborative research, technical assistance, program evaluation, consultation, continuing education and professional development, student field placement, faculty/practitioner exchange, information dissemination, and various service activities. The institute serves to bridge public health academics and practice by facilitating meaningful partnerships between faculty, students, and local practitioners. Visit the institute online at <http://iph.sdsu.edu/>.

Sharp Healthcare Professional Education and Research Institute

Marilyn Newhoff, Director

The institute serves to create a focus for excellence in healthcare education and research, advancing theory and practice in health services. Researchers conduct relevant healthcare research; clinical internships are provided, including in the Sharp Healthcare environment, to talented and promising future healthcare employees; guest lectures, seminars, and workshops are sponsored on emerging healthcare topics; and doctoral projects addressing critical issues in Sharp Healthcare and beyond foster mentoring and advanced applied clinical practice.

Social Policy Institute

Steve D. Hornberger, Director

Administered through the School of Social Work, the mission of the institute is to assist local, regional and state public and private sector leaders in the development of policies and programs that focus on family and community well-being. The institute is particularly focused on efforts that impact social determinants of health and reduce adverse outcomes for vulnerable communities, families, and individuals. To that end, we assist in identifying community strengths and delivery, needs, outcomes of care, program design, quality, as well as catalyzing and convening community leaders. The institute is particularly interested in innovative efforts that are collaborative, data driven, inclusive, and sustainable. The institute has prepared a training manual and CD-ROM for home visitors and case managers working with vulnerable families and has conducted community needs assessments surveys in Baja California Sur for the purpose of policy and program development. A computerized information system to provide decision and evaluation support to human services agencies has been developed and is available through the San Diego State University Research Foundation Technology Transfer Office.

For more information, visit <http://socialwork.sdsu.edu/research/research-centers-institutes/social-policy-institute>.

Center for Research on Sexuality and Sexual Health (SASH)

Eric Buhi and Heather L. Corliss, Co-Directors

Administered through the Graduate School of Public Health, the Center for Research on Sexuality and Sexual Health (SASH) contributes to the mission of SDSU by helping to advance and extend knowledge, learning, and culture related to sexuality and sexual health; provide opportunities for individuals to develop intellectually, personally, professionally; and prepare significant numbers of educated, responsible people to contribute to California's communities, culture, economy, future, and schools. SASH provides a quality, well-balanced education for undergraduate and graduate students, contributes knowledge and solutions to problems related to sexuality and sexual health through excellence and distinction in research, service, and teaching.

For more information, visit <http://publichealth.sdsu.edu/sash/>.

South Bay Latino Research Center (SBLRC)

Gregory A. Talavera, Director

Administered through the Graduate School of Public Health, the South Bay Latino Research Center (SBLRC) is an SDSU-approved integrated research unit and serves as the community-based site for research activities. SBLRC Director, Dr. Gregory A. Talavera, has received numerous grants to study Latino health disparities including serving as the principal investigator of the Hispanic Community Health Study/Study of Latinos (HCHS/SOL).

For more information, visit <http://sandiegohchssol.blogspot.com/>.

College of Professional Studies and Fine Arts

Administration

Dean: Joyce M. Gattas
Associate Dean: Donna M. Conaty
Assistant Dean for Student Affairs:
Senior Director of Development: Mary Darling
Director of Community Engagement and
Innovative Programs: Christine E. Timbol
Director of International Programs: Giancarlo Taylor
College Communications Officer: Christianne Penunuri

Arts Alive SDSU

Danielle J. Bedau, Chair

Arts Alive SDSU is a campus-wide arts visibility initiative that provides opportunities for students, faculty, and staff to engage in transformational arts interactions as part of an arts-rich, robust educational community on the campus of San Diego State University. Arts Alive SDSU's primary goals are to broaden awareness of arts events and programming, increase attendance at arts events, expand academically informed art-making opportunities, and integrate arts events and arts practices into curriculum. Pop-up performance and gallery events take place at the Farmers' Market, Art Under the Dome at the library, and the Conrad Prebys Aztec Student Union, along with a robust social media campaign, provide promotion of signature and supported events in the schools of Art and Design, Music and Dance, and Theatre, Television, and Film. Arts Alive SDSU develops and expands interdisciplinary curriculum opportunities by serving as a nexus for faculty interested in cross-disciplinary dialogue and collaboration. Visit the website at <http://artsalive.sdsu.edu> for additional information.

Research Centers and Institutes

The J. Willard and Alice S. Marriott Foundation Student Center for Professional Development Brian P. Blake, Director

The J. Willard and Alice S. Marriott Foundation Student Center for Professional Development is housed in the School of Hospitality and Tourism Management (HTM). The center provides support for internship programs related to the hospitality industry. It assists HTM students in finding internships and job placement through workshops, focus groups, and continuing conversations with industry leaders. Every HTM student spends two semesters working with the center, and again uses center resources at graduation. This experiential learning builds professional competencies which enhance effectiveness when students enter the workforce. The center serves as a testing ground to determine an individual's competence before hiring as a permanent employee. Visit http://htm.sdsu.edu/web/index.php/students/center_professional_development, for more details.

Center for Hospitality and Tourism Research Carl Winston, Director

The Center for Hospitality and Tourism Research is an education and research center dedicated to the study and application of professional principles in the broad field of hospitality and tourism. The mission of the center is to enhance the skills and knowledge of professionals and students in the field of hospitality and tourism management through the creation and delivery of initiatives in executive development, research, and curriculum innovation.

Programs associated with the center focus on identifying "best practices" in all aspects of hospitality and tourism such as hotel operations, restaurant operations, global tourism, and events, conventions and attractions management. The center's mission is pursued in multiple venues, including private, public, and not-for-profit agencies. Our vision is to become the leading center for hospitality and tourism management education in Southern California and a prominent national and international resource for questions related to education in hospitality and tourism. The center actively seeks to support SDSU, the College of Professional Studies and Fine Arts, and members of the local and national community in matters related to hospitality and tourism.

Contact the center in Professional Studies and Fine Arts, Room 436, or at 619-594-4964, or visit the website at <http://htm.sdsu.edu/web/index.php/centers>.

Sycuan Institute on Government Gaming Katherine A. Spilde, Director

The Sycuan Institute on Government Gaming, in partnership with the Center for Global Gaming Research, is housed in the L. Robert Payne School of Hospitality and Tourism Management. Under the terms of an endowment by the Sycuan Band of the Kumeyaay Nation, the institute has created and introduced an academic curriculum leading to the B.S. in Hospitality and Tourism Management with an emphasis in Tribal Gaming Operations and Management. The institute also produces and funds original academic research related to the legal gambling industry with an emphasis on tribal government gaming. In particular, the institute is dedicated to the development of a professional class of gaming industry experts who understand the unique partnership between host governments and the legal gambling industry. The institute actively engages students, faculty, and industry partners in order to cultivate a professional workforce, develop and document best practices, and share successful gaming innovations. Visit <http://htm.sdsu.edu/web/index.php/centers/sycuan> for details.

The Investigative Newsource Lorie Hearn, Executive Director

Investigative Newsource is housed in the School of Journalism and Media Studies. The institute is an independent, non-profit organization whose mission is twofold: (1) to produce investigative, data-driven journalism that informs the citizens of San Diego and Imperial counties and (2) to help develop the investigative journalists of the future. Through internships and other mentoring opportunities, the institute offers ways to enhance the learning experience of journalism students at San Diego State University. The institute is collaborative, not competitive, and seeks to distribute its work across multiple media platforms – print, broadcast and online – throughout the region. The institute is nonpartisan and does not engage in political advocacy. The website is <http://www.inewsource.org>.

Conrad N. Hilton Foundation Volunteer and Mentorship Center

The Conrad N. Hilton Foundation Volunteer and Mentorship Center is an endowed center that connects hospitality and tourism management (HTM) students to numerous volunteer and mentoring opportunities throughout San Diego.

Housed in the L. Robert Payne School of Hospitality and Tourism Management, the center engages with area high schools to provide learning opportunities for under-served youth. These range from supervised one-on-one mentoring by HTM students to the high school students, to an annual one-day educational conference managed and produced by the center. These programs shape responsible citizens through life-changing experiential teaching and learning opportunities and inspire active engagement with the social and economic development of San Diego. Visit http://htm.sdsu.edu/web/index.php/students/volunteer_mentorship_center for more details.

Institute of Public and Urban Affairs
Mounah Abdel-Samad, Director

The Institute of Public and Urban Affairs is located in the School of Public Affairs. The institute was established to conduct research in community and governmental affairs and to sponsor conferences, colloquia and symposia related to issues in public administration and affairs including urban planning, management, and criminal justice administration. The institute also publishes occasional working papers and research monographs. Selected students and faculty of San Diego State University staff the institute. An integral part of the institute is the Public Administration Center which contains a specialized and growing collection of research materials emphasizing issues in public affairs particular to San Diego and California. Visit the website at <http://ipua.sdsu.edu/> for additional information.

Institute for Meetings and Events
Stephanie Dathe, Director

The Institute for Meetings and Events is focused on education and research dedicated to the application of professional principals in meetings and events. The institute was created to enhance education and knowledge of students and professionals in this discipline. The institute has a global orientation and is guided by an international advisory board composed of the profession's most seasoned and successful leaders. The institute offers symposia, forums, and other education programs to stimulate dialog and discussion on key issues and to create new knowledge in this dynamic and emerging discipline. The institute conducts timely and innovative research as well as benchmarking data for best-practices. The institute involves faculty with expertise in disciplines as diverse as project management, business, public relations, graphic design, theatre, and hospitality. For additional information, contact Stephanie Dathe at sdathe@mail.sdsu.edu.

Center for Surf Research
Jess Ponting, Director

The Center for Surf Research is the first of its kind in the world. The center responds to the challenges of a rapidly expanding surfing industry and the broadening horizons of surf tourism and its impact on peoples, environments, and economies along the coastlines of more than 100 countries. Housed in the L. Robert Payne School of Hospitality and Tourism Management, the center engages with the surf industry and surf tourism industry to create a cutting edge research agenda; disseminates specialist knowledge to governments, the surf industry, tourism developers, destination communities, non-profits, and tourists; shapes responsible global citizens through life-changing experiential learning opportunities and study abroad programs; and, inspires active stakeholder engagement with the social and economic development of destination communities, the sustainable use of their resources, and the conservation of their critical environments. For more information, visit the website at <http://csr.sdsu.edu/>.

Production Center for Documentary and Drama
Timothy Powell, Director

The Production Center for Documentary and Drama is located in the School of Theatre, Television, and Film and is the professional production arm of the university. The center mentors graduate students in media in the creation of projects that promote their artistic and technical growth, and works with global film schools, film institutes, and filmmakers in the production of its long-running, international TV series, "The Short List," showcasing short films. The center interfaces with local, state, and national entities in the creation of films and television programs in the arts, humanities, and sciences, including distribution on public and cable television. These projects provide senior and graduate students with professional opportunities to work in key capacities, such as writing, directing, camera crew, editing, and production design.

For more information, visit the website at <http://arweb.sdsu.edu/es/admissions/majors/vfilmnewmediaproduct.htm>.

Center for the Study of Media and Performance (CSMP)

The Center for the Study of Media and Performance (CSMP) is an interdisciplinary forum for critical inquiry into the many expressions of live art and screen culture. The center invites faculty from across SDSU to participate in lectures, meetings, symposia, performances, screenings, and other presentations that explore the discourses linked by the keywords "media" and "performance." The center aims to engage leading thinkers in these and related fields in a national dialogue. The center welcomes participation from SDSU faculty, students, and affiliates, as well as the greater San Diego community.

The objective of the center is to make a significant intervention into research practices in the arts. Art is a mode of critical inquiry, and proceeding from this premise, the center seeks to bridge the divide separating theory and practice in the academy, as well as in the studio. Some of the center's projects will take the form of practice-based research that uses media forms and/or live performance to interrogate youth culture, classic literature, and our contemporary world. Aligned with the mission of the College of Professional Studies and Fine Arts and the School of Theatre, Television, and Film, the center brings together artists and scholars to engage in new ideas about critical analysis, devising, presenting, and other modes of research in the arts.

Center for the Study of Women in Television and Film
Martha M. Lauzen, Director

The Center for the Study of Women in Television and Film is the nation's first program dedicated solely to the study and discussion of women's representation on screen and behind the scenes in television and film. The purpose of the center is to (1) engage students, faculty, and individuals working in the industry in an on-going discussion regarding the portrayals of girls and women in television and film and women's employment behind the scenes; (2) heighten the profile of women's representation in television and film as a public policy issue and concern; (3) train the next generation of scholars to analyze media images of women, and; (4) conduct an expanded agenda of original research on women's representation in television and film that has both practical and theoretical import.

To learn more, visit <http://womenintvfilm.sdsu.edu>.

Institute for Leisure and Tourism Management
Lawrence A. Beck, Director

The Institute for Leisure and Tourism Management is primarily concerned with conducting leisure-related research, promoting professional development, disseminating specialized publications, and organizing conferences, seminars, lectures, and workshops.

**Center for Learning, Instruction,
and Performance Technologies**
Marcie J. Bober-Michel, Director

The center's faculty and staff conduct research on the design and use of technology-based systems for enhancing human learning and performance, monitor trends in advanced applications of educational technology and allied disciplines, and evaluate the effectiveness and usability of educational products and services.

The center consults with corporations, agencies, and SDSU affiliates on the design of products for education and training, arranges for on-site and electronic delivery of professional development courses and seminars by the nationally recognized faculty of SDSU Learning Design and Technology, and coordinates fieldwork and internship opportunities for advanced graduate students.

College of Sciences

Administration

Dean: Stanley R. Maloy

Associate Dean for Graduate and Research Affairs:

Associate Dean for Academic and Faculty Affairs: Catherine J. Atkins

Assistant Dean for Student Affairs: Estralita Martin

Director of Development: Stacy Carota

Director of Resource Management: Tony P. Carrasco

Research Centers and Institutes

Institute for Behavioral and Community Health (IBACH) **Guadalupe X. Ayala and Gregory A. Talavera, Co-Directors**

Administered through the Graduate School of Public Health, IBACH, formerly known as the Center for Behavioral Medicine, was established in 1982 for the purpose of promoting research and academic programs relevant to the application of behavioral science principles to medicine and health care. IBACH's current mission is to identify determinants of Latino and other health disparities and intervention approaches that address these determinants. IBACH has 27 investigators from the College of Health and Human Services (Graduate School of Public Health, Exercise and Nutritional Sciences), College of Sciences (Psychology), and the College of Business Administration (Marketing). It has two centers, the South Bay Latino Research Center and the Center for Research on Sexuality and Sexual Health. Strong research and teaching partnerships have been established with the UCSD School of Medicine, the Department of Pediatrics – Division of Child Development and Community Health, the Department of Family and Preventive Medicine, and Moores Cancer Center. Additional collaborations include Clinicas de Salud del Pueblo, Inc., Healthy Eating and Active Communities, San Ysidro Health Center Scripps Institute, Scripps Whittier Diabetes Institute, Inc., and WalkSan Diego. Funding comes from the National Institutes of Health (NCI, NICHD, NIDDK, NHLBI, NINR), Centers for Disease Control and Prevention, Patient Centered Outcomes Research Initiative, Robert Wood Johnson Foundation, American Cancer Society, Dentaquest Foundation, Howell Foundation, and Kaiser Family Foundation. The institute provides important research experiences to trainees at all levels who intend to pursue related careers and offers opportunities for project staff and graduate students to participate in community-based work. IBACH offices are located at 9245 Sky Park Court, Suite 221, San Diego, CA 92113; additional sites are in Imperial County (Calexico and El Centro) and Chula Vista. For more information about IBACH, please visit our website at <http://ibachsd.org>.

Center for Behavioral Teratology (CBT) **Edward P. Riley, Director** **Sarah N. Mattson, Associate Director**

Teratology is the study of birth defects. The faculty and students at the Center for Behavioral Teratology (CBT) are interested in how prenatal exposure to various drugs influences both brain and behavioral development. Additionally, members of the center engage in research related to the general neurotoxicity of alcohol as well as the study of other birth defects and disorders. The CBT is truly an interdisciplinary research organization, with a broad range of basic and clinical research interests. While the primary purpose of the CBT is to promote research in teratology, personnel in the center also act as a resource to the university and the community. The staff provides in-service talks at local hospitals, schools, and drug treatment facilities, as well as lectures to various classes at the university. The CBT staff has active collaborations with faculty from UCSD, the VA Hospital, Children's Hospital, and the Scripps Research Institute. Faculty in the center have grants from the National Institutes of Health, Tobacco-Related Disease Research Program, and the State of California.

Coastal and Marine Institute (CMI) **Todd W. Anderson, Director**

The Coastal and Marine Institute (CMI) promotes marine science research, education, and public service at SDSU. CMI emphasizes research in near-shore coastal ecosystems and is composed of faculty among departments within and outside the College of Sciences. The institute operates the SDSU Coastal and Marine Institute Laboratory (CMIL) located on San Diego Bay, facilitating faculty and student research and fostering interaction and collaboration with other institutions, agencies, and the community. CMIL offers closed-circuit and flow-through seawater, environmentally controlled rooms, a wet lab, analytical lab, equipment room, dive locker, and shop. A large yard for boat storage, equipment storage, and outdoor mesocosms to conduct research is also provided. The institute is administered by a director and an advisory council consisting of faculty members from participating departments, including Biology, Chemistry, Geological Sciences, and the Graduate School of Public Health. Additional information about marine studies is available from the Coastal and Marine Institute director, from the College of Sciences, and from the CMI website: <http://www.sci.sdsu.edu/CMI>.

Computational Science Research Center (CSRC) **José E. Castillo, Director** **Andrew L. Cooksy, Paul J. Paolini,** **and Satchi Venkataraman, Associate Directors**

The Computational Science Research Center (CSRC) promotes the development and advancement of the interdisciplinary subject of computational science. This is accomplished by fostering research, developing educational programs, and promoting industrial interaction, outreach, and partnership activities.

The center provides an environment for scientific research at San Diego State University. It facilitates the interaction between applied mathematics, computer science, and other disciplines by providing the necessary infrastructure for productive research efforts. Real world applications are the focus of faculty and student projects. These projects provide an educational opportunity for students to hone industrially relevant computational skills. The CSRC provides high performance computing and network support to the faculty in the college of sciences, the college of engineering, and other colleges on campus in need of computational infrastructure support.

The goals of the center are to encourage and facilitate research in computation, simulation, visualization, and numerical modeling in all disciplines (business and finance, biology and bioinformatics, engineering, physical sciences, and geography); to interact with other centers, laboratories, universities, and local industry; reduce lag time between algorithm development/analysis and applications; to participate in programs with other countries, including international programs sponsored by the National Science Foundation; to arrange visits by professors, including foreign visitors on sabbaticals and professional staff on industrial sabbaticals; to arrange part time and adjunct appointments for consulting activities by professional staff from local research laboratories; to provide employment, experience, and contacts for students; to sponsor conferences, workshops, and courses; to facilitate collaboration with government laboratories with private sector; to provide bridges to regional industry; and to direct the computational science program at San Diego State University.

Interested students and faculty may obtain more information by contacting the CSRC at 619-594-3430 or <http://www.csrc.sdsu.edu>.

Edwin C. Allison Center for Earth System History
Stephen A. Schellenberg, Director

Throughout the history of science, many of the critical breakthroughs in scientific understanding have resulted from cross-disciplinary research. The mission of the Allison Center for Earth System History is to foster this approach across the fields of paleontology, paleoclimatology, geochemistry, sedimentology, and organismal biology. The center seeks to facilitate research designed to improve and disseminate our understanding of global climate change and biodiversity, arguably the two most important topics facing current and future generations. Research materials of past and present faculty and their students form the core of an in-house reference and systematics collection, including Cretaceous to Recent Ostracodes from globally distributed ocean drilling sites and Ordovician, Devonian, and Carboniferous brachiopods and associated communities from the Appalachian Basin, the Great Basin, the Ohio Valley, and the mid-continent. Scholarly examination of these and other materials by SDSU students, faculty, and guests (e.g. visiting students, faculty) are supported through dedicated research space and facilities, including image analysis and carbonate microsampling systems.

For more information about the center, visit the website at <http://www.geology.sdsu.edu/facilities/allisonctr>.

Institute for Ecological Monitoring and Management (IEMM)

The Institute for Ecological Monitoring and Management (IEMM) provides a productive, interdisciplinary, and collaborative environment for research directed at developing new approaches, techniques and models for ecological monitoring and management. It engages in applied research that conducts science in service of policy and management, and works to translate science for policy makers and the larger community.

IEMM serves as a nexus to promote inter-department and inter-college research initiatives and facilitates the incorporation of academic and scientific expertise and involvement into relevant restoration, conservation and monitoring projects in the greater San Diego area. Its mission is to create an internationally and nationally recognized research entity. IEMM has three primary goals: research, training, and community service.

Center for Energy Studies (CES)
Alan R. Sweedler, Director

The San Diego State University Center for Energy Studies (CES) facilitates, promotes and supports research and academic programs relating to energy, with particular emphasis on energy matters of concern to the greater San Diego region including the international border with Mexico. The center encourages interdisciplinary research and instructional programs in the broad areas of energy modeling, technology assessment of energy systems, local energy policy planning and data collection relating to energy usage in the San Diego region. SDSU offers through the CES an interdisciplinary minor in energy studies. Completion of the minor will give the student a broad understanding of the technical, economic, social, and political aspects of energy issues. The CES is closely integrated with the environmental sciences program, which offers a Bachelor of Science degree through the College of Sciences and the recently established SDSU Center for Regional Sustainability. The CES works closely with local and state agencies concerned with energy policy and planning, and serves as a community resource in matters concerning local energy issues, and the impact of energy use of the environment.

For more information call the CES at 619-594-1354.

Field Stations Program
Paul Ganster, Director

The Field Stations Program provides opportunities for a broad community of students and faculty to explore the natural ecosystems of southern California. In addition, the field stations serve SDSU by functioning as a liaison to broader public community, highlighting SDSU's expertise regionally, nationally, and internationally. The Field Stations Program manage almost 9,000 acres of San Diego and Riverside county land for university teaching and research.

SDSU currently has four field stations: the Sky Oaks Field Station, 1,640 acres of high elevation redshank chaparral habitat in the Chihuahua Valley east of Temecula Valley; the Santa Margarita Ecological Reserve (SMER), a 4,464 acre reserve located along the upper Santa Margarita River inland from Camp Pendleton in San Diego and Riverside Counties; Fortuna Mountain, 231 acres close to the SDSU campus located within Mission Trails Regional Park; and the Tijuana River National Estuarine Research Reserve, a 2,513-acre reserve which serves as an auxiliary field station for SDSU.

Providing research and education opportunities for the future requires detailed knowledge of how changes in the environment outside the boundaries of a certain area affect ecosystem dynamics within that area. As habitat continues to be lost to development, areas such as the SDSU field stations will increase in importance as sites for studying natural ecosystems.

The proximity of sensitive habitats to a rapidly urbanizing landscape makes this region a recognized biodiversity "hot spot." San Diego State University has an extremely dynamic group of scientists (faculty, researchers, and students) working to understand these unique and threatened ecosystems. Research ranges from the global scale examining global warming and the impacts of increased carbon dioxide on native vegetation to the meso- and micro-scales of chaparral ecosystems dynamics, as well as plant, vertebrate, insect, and fungal diversity. Researchers at SDSU are also increasingly using sophisticated computer modeling and molecular techniques for analyzing environmental change. Natural sciences are the core users of the SDSU field stations. Biology, geography, geological sciences, hydrogeology, and other field sciences are consistent areas of study. There are growing opportunities for interdisciplinary work as well as for nontraditional study in the fields ranging from public health, civil and environmental engineering, recreation, business, and art, to education.

Persons interested in conducting research, instructional use, or access to the SDSU field stations should contact the academic programs of the SDSU Field Stations Program at 619-594-0580 or through the website at <http://fs.sdsu.edu>.

Heart Institute
Christopher C. Giombotski, Director

The Heart Institute is sponsored by the College of Health and Human Services and the College of Sciences. The goals of the institute are to enhance basic and clinical research in the cardiovascular sciences, to foster undergraduate and graduate education in cardiovascular physiology and medicine, and to provide a community outreach service focused at heightening the awareness of cardiovascular disease and its prevention in the San Diego region surrounding SDSU. The institute is comprised of faculty members representing four different colleges at SDSU, as well as physicians and scientists from local hospitals and clinical research centers. Importantly, the institute also sponsors SDSU undergraduate and graduate student memberships, which strengthens the involvement of students in all aspects of Heart Institute activities. The unusual blend of talent and expertise that comprise the institute membership results in an interdisciplinary approach to cardiovascular research, education and community outreach that is unique to the Heart Institute. The institute sponsors special seminars, on- and off-campus, which cover a wide range of topics in the field, and provides funding for the support of graduate students who are involved in cardiovascular research at SDSU. Areas of focus for the institute include studies of the molecular basis of cardiovascular disease, establishment of unique approaches for the early detection and prevention of cardiovascular disease, and the promotion of cardiovascular health in San Diego area K-12 schools. An important feature of these efforts that distinguishes the Heart Institute is the central role that SDSU students play in each of these areas. Funding for Heart Institute activities comes from a variety of sources, including the National Institutes of Health, the American Heart Association, the Muscular Dystrophy Association, the Rees-Stealy Research Foundation, and several San Diego-based biotechnology companies. For more information, contact the Heart Institute office at 619-594-5504 or at <http://www.bio.sdsu.edu/heart/sdsuhome.htm>.

Integrated Regenerative Research Institute (IRRI)
Mark A. Sussman, Director

The Integrated Regenerative Research Institute (IRRI) promotes faculty participation and collaboration in research and teaching programs relating to regenerative research on both basic and translational levels in health and disease. The institute: (1) fosters and encourages communication of ideas and information among its membership for mutual professional improvement; (2) attracts students to SDSU for participation in research and teaching programs dealing with regenerative research, and encourages them to adopt affiliation with Institute members and to develop an interdisciplinary understanding of their particular areas of interest in regenerative biology; (3) fosters active, collaborative research programs among Institute members; (4) seeks ways to expand and improve graduate and undergraduate instructional programs relating to regenerative research.

Center for Microbial Sciences
Anca M. Segall, Director
Stanley R. Maloy, Associate Director

The Center for Microbial Sciences is a research center dedicated to the study of microorganisms. The center's mission is to provide a productive, stimulating, and interactive research environment that will lead to rapid progress in the fields of microbial biology. The center integrates multiple scientific approaches to elucidate basic biological principles that helps in combating human health problems caused by microorganisms and stimulates applications of microorganisms in the biotechnology industry.

The center encourages multidisciplinary scientific research by bringing together a group of creative, cooperative investigators with different scientific backgrounds to attack major questions in microbial biology using a variety of experimental approaches. The center also trains scientists to attack important but neglected problems in microbial biology. The close proximity of the Center for Microbial Sciences to a nucleus of biotechnology companies facilitates interactions with industry. The center also collaborates with neighboring institutions with expertise in other biological areas (UCSD, Scripps Research Institute, Salk Institute, Scripps Institution of Oceanography, and others) providing additional intellectual and physical resources.

The primary goals of the center are: *Research* – To attract a group of imaginative, interactive investigators and provide a stimulating environment for productive, innovative research in microbial biology; *Training* – To train a new generation of scientists to solve important problems in microbial biology using innovative experimental approaches; *Outreach* – to provide expertise and facilities for visiting scientists from academia and industry to learn new technologies.

Find out more about the center by visiting the website at <http://www.sci.sdsu.edu/~smaloy/CMS/>.

Molecular Biology Institute
Greg L. Harris, Director

The Molecular Biology Institute was established to serve interested departments of the biological and physical sciences in the coordination, support and enhancement of research and instruction in the molecular biological sciences. Interests and activities of the MBI encompass all approaches which aim to explain biology at the molecular level. The MBI sponsors a weekly seminar series that facilitates faculty and student interaction with scientists from other institutions. Currently, full members of the institute are drawn from the Departments of Biology, Chemistry and Biochemistry, and the Graduate School of Public Health, and participate in the respective Ph.D. programs. Associate members are drawn from a variety of disciplines that are cognate with the molecular biological sciences. The institute is also constituted as the university unit authorized to administer the master's degree program with an emphasis in molecular biology. The research programs of the MBI members are supported by a variety of agencies including the National Institutes of Health, the National Science Foundation, NASA, the American Heart Association, the American Diabetes Association, the Muscular Dystrophy Association, the Department of Energy, the US Department of Agriculture, and the California Metabolic Research Foundation.

Additional information is available from the MBI office at 619-594-5655 or through the Master of Science degree website at <http://www.bio.sdsu.edu/cmb/masters.html>.

Center for Regulatory Science
Catherine J. Atkins, Interim Director
Lorah W. Bodie, Associate Director

The Center for Regulatory Science focuses on education and training related to the research, development, manufacture, commercialization, and post-marketing surveillance of pharmaceutical, biological, and medical device products regulated by the FDA and its international counterparts. The center's programs address the over-arching legal, ethical, and regulatory requirements for biomedical products. Programs provide students with the broad-based skills required by biotechnology companies as their initial product development projects progress from research and development into clinical research, process development, manufacturing, and beyond.

The Master of Science degree in regulatory affairs was the first program developed and offered by the center. Other offerings include an advanced certificate in regulatory affairs and an advanced certificate in intellectual property and regulatory affairs, offered in partnership with the University of San Diego School of Law.

Online e-learning technologies are used to make the center's education and training programs widely available to individuals outside of the San Diego region. Flexible learning options are designed to accommodate the busy work and travel schedules of industry professionals. The center is attuned to national and regional economic and workforce development issues, and interfaces with the California State University Program for Education and Research in Biotechnology (CSUPERB). Additional information is available from the Center for Regulatory Science office, 619-594-6030, <http://regsci.sdsu.edu>.

**Center for Research in Mathematics
and Science Education (CRMSE)**
Randolph A. Philipp, Director

The Center for Research in Mathematics and Science Education (CRMSE) is an interdisciplinary consortium of faculty interested in research on substantive questions related to the learning and teaching of science and mathematics. The center currently has members from the faculties of biology, dual language and English learner education, mathematics and statistics, physics, psychology, and teacher education. CRMSE is administered by a director and an associate director, who are appointed by the deans of the Colleges of Sciences and Education, in consultation with CRMSE members. Through its activities, CRMSE initiates, encourages, and supports the scholarly pursuit of important theoretical and applied problems in mathematics and science education. CRMSE supports faculty in their current research projects and in the preparation of manuscripts for publication and grant proposals for continued research. The center houses the Doctoral Program in Mathematics and Science Education (MSED) that is offered jointly by SDSU and the University of California, San Diego. It also houses the Professional Development Collaborative to serve area teachers.

The main office of the center is located at 6475 Alvarado Road, Suite 206, San Diego, CA 92120-5013. For more information, contact 619-594-1579. The center may also be reached via campus Mail Code 1862 and at <http://crmse.sdsu.edu>.

Visualization (Viz) Center
Eric G. Frost, Director

The SDSU Visualization (Viz) Center uses computer visualization and communications to bear on societal problems. The Viz Center is focused on processing and providing data sets to the world for humanitarian assistance disaster relief (HADR) events such as earthquakes, tsunamis, volcanoes, wildfires; as well as poverty, sustainable resources, and first responders in their daily efforts to serve the public. The focus is on being a connecting resource between the campus, community, and the world in bringing together solutions to problems that information technology, imaging, data fusion, visualization, and decision support can assist. The Viz Center develops and deploys tools for homeland security and works closely with many of the homeland security academic and research groups on campus, at the SDSU Research Foundation (SDSURF), and regionally. The Viz Center provides the physical laboratory function for a DHS multi-year, grant-funded project to the SDSURF Regional Technology Center for the assessment of homeland security technologies, governance structures, and data needs on a regional basis. This effort has led to establishment of a national presence as SDSU becomes a leader in addressing homeland security issues. The Viz Center also collaborates with other institutions in Indonesia, China, Mexico, Africa, Australia, Canada, and Central Asia. We interact with companies to help deploy and develop technologies, especially for response to "all hazards" events.

Watershed Science Institute (WSI)
Trent W. Biggs, Director

The Watershed Science Institute (WSI) promotes collaboration among SDSU researchers and communities involved in the management and regulation of land and water resources. The objective of WSI is to improve the integration of science, policy, and management of watersheds by aligning research questions with critical management needs. The regional focus is on Southern California, including San Diego County, Imperial Valley, and the US-Mexico Border region, all of which face critical challenges related to water resources and water quality, drinking water supply shortages, climate change, water quality deterioration, impaired surface water bodies, soil erosion, and coastal contamination. More information can be found at <http://watershed.sdsu.edu>.