As newly appointed Vice Chancellor for Research, I look forward to helping our campus translate innovative discoveries into products that improve lives, and promoting UC San Diego as a world-class institution. This is an exhilarating and challenging time, and the importance of interdisciplinary research has never been more apparent. As a campus, we will have to continue to work very hard to maintain the level of success we have experienced in the last several years. From my over twenty years of experience at UC San Diego, I am confident our team of excellent faculty, postdoctoral scholars, staff and students will continue to foster research across disciplines to promote rigorous inquiry and academic excellence. We are charged with creating opportunities, enhancing the research experience, developing tools and training to improve research administration, and supporting and promoting university innovations to benefit the region, the state, the nation, and the world.

UC San Diego has grown to become a billion-dollar research enterprise. We achieved those numbers thanks partly to stimulus funding, which we will not have going forward. We are also faced with the sluggish recovery of the economy at large, and a significant decline in state support. Simultaneously, we are challenged as an institution to maintain the level of research funding we achieved in 2010.

Everybody is aware that we have to work very hard, indeed, just to stay where we are, and I know that we are committed to an aggressive, interdisciplinary effort to maintain that progress and those levels of funding.

I welcome you to learn more about our mission, principles and our role, by visiting http://research.ucsd.edu/

Sandra Brown
Vice Chancellor for Research
UC San Diego
UC San Diego Health System celebrates the Sulpizio Cardiovascular Center grand opening on March 4 and 5, 2011.

The campus community and beyond are invited to celebrate UC San Diego’s state-of-the-art, 128,000 square foot cardiovascular building. This facility signals the transformation of our La Jolla Campus and our commitment to innovative care, to the prevention, diagnosis and treatment of cardiovascular disease for all patients.

As part of an academic medical center, this new facility designed by RTKL Associates Inc. will unite leaders in cardiovascular medicine, cardiothoracic surgery, pulmonary vascular medicine, vascular surgery, stroke, heart imaging and research. “We’re lucky to have UCSD here in the community; having an academic medical center is pretty impressive,” Sulpizio said. “And it’s not only the academic medicine aspect and the care they deliver, it’s the three D’s: The Medical Center discovers, delivers, and disseminates. If you go to a regular hospital, they don’t offer all those aspects.”

To take a virtual tour of the Cardiovacular Center visit http://heartcenter.ucsd.edu/about/Pages/virtual-tour.aspx

Medical Education and Telemedicine Center - Innovative Hub of Learning in the 21st Century

With the construction of the new Medical Education and Telemedicine Center, scheduled to open this fall, the UC San Diego School of Medicine, is investing in an innovative way of educating future physicians and a new way of delivering health care in the 21st Century.

Located in the School of Medicine Neighborhood, this project will provide 92,000 gross square feet to accommodate a new program in Medical Education and support a major new telemedicine initiative to improve health care access to medically underserved populations and other “at risk” populations. The building which incorporates sustainable “green building design” features and practices will include instruction, academic office and support, patient care, and student support space for the School of Medicine, including a surgery teaching laboratory. The goals of the program are to: address health disparities among medically underserved ethnic and socioeconomic groups; develop, transmit, and apply new knowledge regarding healthcare disparities and methods for addressing those inequities; and promote a multidisciplinary community/university partnership to reduce/eliminate health disparities.

Thus, this new facility designed by Skidmore, Owings & Merrill will be a regional and statewide center for new initiatives in tele-education and telemedicine to support improved health care access. Telemedicine uses telecommunications to practice medicine over far distances, which allows medical care and expertise to be provided to remote areas and communities with inadequate physician coverage.
The Capital Improvements Status Map is an interactive map where each project link leads to a detailed project information sheet. Available online at http://physicalplanning.ucsd.edu/projects/map.html

PLANNED ENHANCEMENTS TO SUPPORT RESEARCH, PATIENT CARE AND STUDENT LIFE

Location of instructional and research facilities, as well as necessary campus support facilities, such as housing and parking, is directed by UCSD’s Long Range Development Plan (LRDP), which is prepared in response to campus enrollment and population projections.

PROJECTS UNDER CONSTRUCTION — EAST CAMPUS

East Campus Office Building — 75,000 gross square feet (GSF) with anticipated completion in August 2011. The project will comprise new space for office, administrative, and clinical research activities.

East Campus Parking Structure — 1,253 parking spaces with anticipated completion in December 2011. The project will include parking and a recreation field under which some of the spaces will be constructed.

Sulpizio Cardiovascular Center — 128,000 GSF building with anticipated completion in March 2011. The project will provide a state-of-the-art facility in heart and vascular disease, and stroke management.

PROJECTS UNDER CONSTRUCTION — WEST CAMPUS

Health Sciences Biomedical Research Facility — 196,000 GSF with anticipated completion in April 2013. The project will provide research and support space for Health Sciences needed to advance major interdisciplinary programs, including Medical Genomics.

Rady School of Management Phase 2 (RSOM) — 80,000 GSF with anticipated completion in July 2012. The project will include construction of additional classrooms to Rady Phase 1, an open class laboratory, faculty and administrative offices, conference rooms, an auditorium, and student work and study areas.

Sanford Consortium for Regenerative Medicine (SCRM) — 145,000 GSF, ground lease project with anticipated completion in November 2011. SCRM, a 501(c)3 non-profit, public benefit corporation is formed by the Sanford-Burnham Institute for Medical Research, the Salk Institute for Biological Studies, The Scripps Research Institute, and UC San Diego. The facility will serve as a hub of innovative multidisciplinary, basic, translational, and preclinical research programs, and outreach programs that will advance stem cell research and education.

Southwest Fisheries Science Center (SWFSC) — 124,000 GSF, ground lease project with anticipated completion in December 2011. The project is developed by the National Oceanic and Atmospheric Administration (NOAA). The facility will provide safe and modern accommodations for SWFSC and support the research collaborations between SIO and SWFSC.

Structural Materials and Engineering Building — 169,000 GSF with anticipated completion in August 2012. The project will provide instruction and research space for the Department of Structural Engineering and Department of Visual Arts. The facility will merge the areas of advanced materials testing with scientific visualization.

Student housing projects with anticipated completion in 2011: North Campus Housing Phase 2 - 806 beds, Revelle College Apartments - 510 beds and Muir College Apartments - 275 beds. These project will add a combined total of 1591 on campus beds.

Telemedicine and Prime HEq Facility — 92,000 GSF with anticipated completion in September 2011. The project will accommodate a new program in Medical Education and support a major new telemedicine initiative to improve health care access to medically underserved populations and other “at risk” populations.
**Diagnostic Breakthrough for Autism**

Through the research efforts of Dr. Karen Pierce and UC San Diego’s Autism Center of Excellence (ACE), a new diagnostic procedure has been developed to identify autism in young children.

As director of the Clinical Phenotype Core of ACE, Pierce has been creating a clinical profile for autism in children at ages 12 to 36 months. Her most recent research tool incorporates moving geometric images and moving social patterns on a screen or monitor that can be used on patients as early as twelve months of age.

Autism is a neural developmental disorder that affects information processing and causes delays in cognitive abilities and language skills. Autistic individuals also demonstrate an inability to comprehend complex social relationships. There is currently no known cure and researchers are unclear as to whether brain or other biological markers can predict the non-responsive behavior -- but early diagnosis is a major step forward for research endeavors.

**UCSD Tops UC Campuses in Research Funding in 2010**

UC San Diego, now celebrating its 50th anniversary, has added another distinction to our list of achievements: the campus is ranked first among the 10 University of California campuses in contract and grant awards, with $1,059,326,359 in awards for fiscal year 2010.

UC San Diego narrowly edged UC San Francisco and UCLA, which brought in $1,054,324,978 and $1,014,696,797, respectively, in contracts and grants. The numbers were compiled by the Institutional Research Office of the University of California Office of the President.

UC San Diego reported in July 2010 that it had passed the billion-dollar mark in research funding, a milestone for the La Jolla campus. Its top ranking among UC campuses is also a first, although it has typically ranked in the top three in recent years. Visit http://ucsdnews.ucsd.edu/rss/ to subscribe to research news.

**Information You May Be Looking For**

Useful Web sites:
- Homepage - http://ucsd.edu
- News - http://ucsdnews.ucsd.edu
- Events - http://calendar.ucsd.edu
- Campus Tours - http://ucsdnews.ucsd.edu/tours/index.html
- Sustainability - http://esi.ucsd.edu
- Capital Projects - http://capital.ucsd.edu
- Physical Planning - http://physicalplanning.ucsd.edu
- Community Planning - http://commplan.ucsd.edu
- UC San Diego Health System - http://health.ucsd.edu
- 50th Anniversary - http://50th.ucsd.edu/

Something you’d like to see in the Newsletter? Suggestions? Questions?
Contact the Community Planning Team
Anu Delouri - (858) 822-0150
Brian Gregory - (858) 534-6514
Milt Phegley - (858) 534-5782

Interested in subscribing to the Newsletter?
Send email to commplan@ucsd.edu

**Factoids.......**

- UC San Diego Chancellor Marye Anne Fox received the 2009 National Medal of Science Honor from President Obama.
- UC San Diego ranks fifth among top U.S. universities in federal research and development dollars.
- In fiscal year 2009-10, researchers at UC San Diego submitted 5,074 proposals seeking $4,508,815,615 in awards.
- UC San Diego won $1,059,326,359 in awards from 1,019 funding agencies, supporting 103 departments or Organized Research Units on campus, in FY 2009-10.
- In FY 2009, more than 60 companies offered over 200 products derived from UC San Diego innovations.
- At the end of 2009, UC San Diego’s Tech Transfer Office had more than 400 active license agreements for inventions and copyrights.
- Since FY 2002, UC San Diego has filed more than 200 patent applications each fiscal year.
- The Tech Transfer Office distributed more than $15 million of intellectual property income in FY 2009.
- UC San Diego has more than 2,600 innovations in our campus portfolio.
- The San Diego Supercomputer Center has served more than 10,000 researchers at 300 academic, government and industrial institutions around the world.
- The Graduate School of International Relations and Pacific Studies is the only school in the nation with a focus on the Pacific Rim.
UC San Diego is one of the nation’s leading institutions of higher education, ranked among the top 10 public universities in the country by U.S. News & World Report and first in the nation for its commitment to service by Washington Monthly. The university contributes $5.7 billion annually to the local economy and generates more than 33,600 jobs.

Beginning in September 2010 and concluding in June 2011, UC San Diego celebrates 50 years of historic milestones, remarkable achievements and innovative firsts since the university’s founding in 1960. As we celebrate the past, our sight is set on the next half century.

Join us in celebrating our landmark anniversary at these signature events:

**February 22-25, 2011 — IDEaS (Innovation Day Expo and Symposia)**

Five decades ago, the University of California, San Diego was founded with an idea – and a large dose of innovative spirit. As UC San Diego marks its 50th Anniversary, the university welcomes the campus and local community to Innovation Day Expo and Symposia (IDEaS) Feb. 22-25 to celebrate a week of high-profile events and share the exciting discoveries, breakthroughs and innovation emerging from UC San Diego. The week of free events will feature dynamic leaders in the arts, sciences, technology, medicine and education who are making a positive impact in San Diego, the nation and the world.

“Innovation is central to who we are and what we do at UC San Diego,” said Chancellor Marye Anne Fox. “From the university’s founders to our current freshmen class, the desire to explore, create and achieve is a common bond we all share.”

**April 16, 2011 — Green Open House**

UC San Diego celebrates “Healthy People, Healthy Planet.” We will reach out to the San Diego community by opening national Earth Week with a “Green” Open House, showcasing the campus as a living laboratory of green innovation. Attendees will enjoy interactive demonstrations of environmentally friendly cars, healthy living and sustainable cooking.

*For more information, visit www.50th.ucsd.edu or email fifty@ucsd.edu*