Update for Community Groups – December 2009

Please note the underlined text in the electronic version of this update contains active links that provide additional information on the subject matter.

The campus will be closed from Saturday, December 19, 2009 through Sunday, January 3, 2010.

PROJECTS

SOUTH WEST FISHERIES SCIENCE CENTER
Site grading and soil removal for the project has started. Construction on the new research facility for use by the NOAA Southwest Fisheries Science Center (SWFSC) will start in early 2010.

MEDICAL EDUCATION AND TELEMEDICINE CENTER

A groundbreaking occurred on November 20 for the Medical Education and Telemedicine Center. Scheduled to open in Fall 2011, the approximately 99,000-gross-square-foot facility will be a hub of learning that incorporates state-of-the-art design and technology to prepare medical students to become physicians and innovators of tomorrow. It will also be used for physicians to learn new skills utilizing the latest advances in medical and surgical technology, such as surgical robotics.

In addition, the new facility 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.

Among the building's features:

• A telemedicine training and consultation center, which will also provide long-distance tele-education capabilities
• A 9,000 square-foot clinical skills and simulation center, with 18 exam rooms, a simulated hospital room, intensive care unit and emergency room with an operating room
• A 6,800 square-foot medical and surgical procedures teaching laboratory with 22 stations, where students, residents and current practitioners will be instructed in the latest surgical, laparoscopic, robotic, endoscopic, catheterization and other special techniques
• Classrooms, learning communities and student services, including a large auditorium to accommodate increased medical student enrollment through the Program in Medical Education – Health Equity (PRIME-HEq), which supports medical students who have chosen to focus on health disparities
• A large facility for computer-based testing
• Dining facilities and common areas to further support the community of medical school faculty and students

As students are learning the basic fundamentals of medicine, such as biochemistry, pathology and anatomy, they will also begin learning from patients in the clinical environment. During their first year, medical students will learn the basic principles of patient interviewing and examination, ethics and other professional development. Through exposure to patients as junior members of a health care team, they will understand better how the material they are learning can be used to treat, cure and prevent illness. Practice in simulated settings will ensure that when the medical students become more responsible, they have the preparation and skills required to help patients.
SUSTAINABILITY

SUSTAINABILITY RESOURCE CENTER

Also on November 20, the new Sustainability Resource Center, a one-stop-sustainability-shop where students can learn about green jobs and courses on sustainability-related topics, how to conserve energy and water or find eco-friendly products, was opened.

Located at the heart of campus in the Price Center, the Sustainability Resource Center will be home to campus sustainability staff and the student-funded Student Sustainability Collective. This unique collaboration between students and staff will work to achieve common sustainability goals and reach out to students, faculty and staff and the surrounding community. The center will have a public outreach space and a library showcasing sustainability research projects at UC San Diego.

For more information, go to http://sustain.ucsd.edu/involve/get-involved.html

CLEAN RENEWABLE ENERGY BONDS

The San Diego region has been allocated financing opportunities for 192 solar installation projects for public facilities, which will promote hundreds of new green jobs and increase by more than 40 percent the capacity of locally produced solar energy with an estimated 20 megawatts of additional solar power. A coalition of San Diego stakeholders, led by CleanTECH San Diego, captured $154 million in allocations for financing renewable energy projects for public facilities under the Clean Renewable Energy Bonds (CREBs) program. The total allocations to the San Diego region make up 19 percent of the total allocations going to public agencies nationwide.

UC San Diego, which will receive $15 million for 15 renewable energy projects, relied on four students who provided key help in the preparation of the proposals from the San Diego region while taking an engineering course on solar power from Jan Kleissl, a professor in the Jacobs School of Engineering.

The analytical tool created by the students working under Kleissl made it possible for the San Diego partners to perform engineering and economic analyses of cost, energy output, and payback time of solar PV arrays, information considered crucial to the success of the proposals during the federal review process.

NEWS

UCSD COMMUNITY PLANNING WEBSITE INFORMATION

The second issue of the Newsletter and project information sheets along with an interactive map of campus projects is available on the UCSD Community Planning website http://complan.ucsd.edu. Visit the website to learn more about campus development with accompanying information on specific projects.

UCSD NEWS

For UCSD News see http://ucsdnews.ucsd.edu/