Update for Community Groups – November 2015

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

About UC San Diego - The University of California, San Diego is a student-centered, research-focused, service-oriented public university that provides opportunity for all. Recognized as one of the top 15 research universities worldwide, a culture of collaboration sparks discoveries that advance society and drive economic impact. Our students, who learn from Nobel laureates, MacArthur fellows and National Academy members, are committed to public service. For the sixth consecutive year, UC San Diego has been ranked first in the nation based on research, civic engagement and social mobility. We are one campus with multiple pillars of excellence, a top ten public university that is transforming lives, shaping new disciplines and advancing the frontiers of knowledge. Learn more at www.ucsd.edu.

PROJECTS

Location of instructional and research facilities, as well as necessary campus support facilities, such as housing and parking, is directed by UC San Diego’s Long Range Development Plan (LRDP), which is prepared in response to campus enrollment and population projections. Available on the Physical and Community Planning website at http://physicalplanning.ucsd.edu/projects/index.html is the Capital Improvements Status Map which is an interactive map where major campus projects are identified by location and are linked to detailed project information sheets.

RECENT GROUND BREAKINGS

**Computer Science and Engineering Building Addition**

The campus is enhancing existing facilities and neighborhoods to enrich our scientific and intellectual communities. The renovation and expansion of the Computer Science and Engineering Building is currently underway, made possible because of the philanthropic support of a UC San Diego alumnus. The project proposes a one-story, ground floor addition of approximately 4,500 gross square feet plus an additional approximately 5,600 gross square feet of interior renovation. When complete in June 2016, this project will transform the flow of the downstairs space to increase faculty and student interaction, and add teaching laboratories.

The Computer Science and Engineering building occupied in 2005 was designed to create a sense of community among the department’s faculty, staff, students, and visitors. "Interaction spaces" for scholarly activity are located throughout the building where graduate and undergraduate students can drop in to discuss classroom topics, share research ideas, or hold casual conversations. The building houses laboratories dedicated to undergraduate instruction, as well as research facilities designed for ultimate flexibility so faculty and researchers can work on the technologies of the future. The building provides accommodations for visiting researchers and scientists, reflecting Computer Science and Engineering’s commitment to the development of strong partnerships with industry and other academic institutions.

**Graduate and Professional Student and Mixed Use Housing**

UC San Diego is committed to providing affordable, accessible housing for current and potential new staff, students and faculty. Construction of the Graduate and Professional Student Housing Project is underway with completion anticipated in fall 2017. This project consists of site improvements, demolition of existing buildings and construction of five new housing buildings that will be 4-8 stories high. Approximately 850 of the apartments will be studio style since that’s the largest unfulfilled demand on the waitlist of approximately over 2,000 graduate students. The remaining apartments will include approximately 150 2 bedroom units, 40 1 bedroom units and 40 3 bedroom units and a 930 stall parking structure, in addition to 760 parking spaces for bikes in a mix of enclosed and outside spaces.
UC SAN DIEGO COMMUNITY PLANNING NEWSLETTER AND WEBSITE INFORMATION

The newsletter, together with project information sheets and an interactive map of campus development projects is available on the UC SAN DIEGO Physical and Community Planning website at http://physicalplanning.ucsd.edu

UC SAN DIEGO NEWS

For UC SAN DIEGO News visit http://ucsdnews.ucsd.edu/

SUSTAINABILITY

UC San Diego is Sierra Magazine’s 7th Coolest School in Nation for Sustainability Efforts wherein the campus was recognized nationally for its commitment to protecting the environment, reducing water use significantly, addressing climate issues and encouraging environmental responsibility.

CARBON NEUTRALITY INITIATIVE

UC, a national leader in sustainability, has pledged to become carbon neutral by 2025, becoming the first major university to accomplish this achievement.

Global climate disruption is impacting the planet in ways never experienced in human history. Warmer temperatures are contributing to changing weather patterns that cause more intense storms and heavier rainfall in some places, while elsewhere drought is parching the land. Glaciers are melting at an accelerated rate and oceans are rising.

The overwhelming scientific consensus is that climate change is being driven by the release of carbon dioxide into the atmosphere, primarily from the burning of fossil fuels.

The University of California has responded to this growing environmental crisis with direct action aimed at ending its reliance on fossil fuels.

In November 2013, President Janet Napolitano announced the Carbon Neutrality Initiative, which commits UC to emitting net zero greenhouse gases from its buildings and vehicle fleet by 2025, something no other major university system has done.

The initiative builds on UC’s pioneering work on climate research and furthers its leadership on sustainable business practices. UC is improving its energy efficiency, developing new sources of renewable energy and enacting a range of related strategies to cut carbon emissions.

CLIMATE ACTION

UC San Diego is demonstrating how an institution can sustain itself while positively impacting the environment. We are the first California University to join the California Climate Action Registry, a voluntary greenhouse gas (GHG) registry and we are members of the Chicago Climate Exchange, a financial institution formed in 2000 to apply financial innovation and incentives to further social, environmental, and economic goals.

In 2008, UC San Diego developed a Climate Action Plan (PDF) to:
- Establish a target date for achieving and maintaining climate neutrality
- Establish interim goals and actions for reducing GHG emissions
- Determine how the campus will include sustainability in curriculum, student experience, and research
- Set goals for reducing emissions and waste impacts through purchasing, campus operations, transportation, and water use
- Develop methods for tracking progress and securing financing

WASTE MINIMIZATION

UC San Diego aims to be a zero-waste campus by 2020. In 2012, we diverted approximately 66% of waste from landfills. Including construction and demolition waste, the diversion rate was 75%. UC San Diego continually seeks opportunities to reduce waste, expand our recycling program, and use recycled materials.

ALTERNATIVE TRANSPORTATION

About 28,000 (57%) commuters arrive on campus daily on foot, by bike, vanpool, carpool, bus, or something other than a single-occupant vehicle. Alternative transportation commuting save nearly 48,000 metric tons of CO2 emissions annually (based on comparison to 100% single-occupant vehicle use).

GREEN BUILDING

UC San Diego plans, designs, and builds resource-efficient facilities. All new construction projects must meet Leadership in Energy & Environmental Design Silver certification or better. UC San Diego out-performs California building efficiency requirements by 20%. To help us achieve our goals, we’re studying campus microclimates and implementing new technologies to construct more efficient buildings and maximize efficiency in existing buildings.