

Archive of UC Sustainability News Articles

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Note: This is not a complete list. If you know of articles that are not included on this list, please send them to andrew.coghlan@ucop.edu for posting

UC Irvine

10/2011: ACUPCC Case Study: Siemens and UC Irvine

The University of California, Irvine (UCI), founded in 1965, is one of the 10 general campuses of the University of California. A major research university that is home to three Nobel Prize-winning researchers, UCI serves nearly 28,000 students, 1,100 faculty members and 9,000 staff. The university is also noted for its graduate and undergraduate programs and a growing number of professional schools, including new public health, pharmaceutical sciences and nursing science programs, as well as a new School of Law that welcomed its first students in fall 2009.

<http://www.presidentsclimatecommitment.org/supporters/corporate/case-studies/siemens>

8/17/2011: Sierra magazine ranks four UC campuses among the Top 10 Greenest Colleges in America

Four UC campuses are among Sierra magazine's [Top 10 Greenest Colleges in America](#) for 2011, highlighting the University of California's commitment to [sustainability](#). [UC San Diego](#) was third, [UC Irvine](#) sixth, [UC Santa Cruz](#) seventh and [UC Davis](#) eighth on Sierra Magazine's fifth annual rankings. Also making the list were UCLA at No. 15 and UC Santa Barbara at No. 72. UC San Diego jumped to third from 15th in last year's rankings by Sierra magazine, the flagship publication of the Sierra Club, one of the nation's most influential environmental organizations. The campus was recognized for environmental practices, green initiatives and its caliber of sustainability-oriented education. "Being green is part of our institutional DNA," said UC San Diego Chancellor Marye Anne Fox. "This ranking reflects the commitment, planning and hard work of our students, faculty and staff to implement sustainable solutions which will create a better future for us all."

See the [full Sierra rankings](#).

<http://www.universityofcalifornia.edu/news/article/26131>

UCSD release: http://ucsdnews.ucsd.edu/newsrel/general/2011_08ucranks.asp

UCSC release: <http://news.ucsc.edu/2011/08/sierra-club-cool-schools-UCSC-recognition.html>

Business Week article:

http://www.businessweek.com/bschools/blogs/mba_admissions/archives/2011/08/the_sierra_club_ranks_cooler_schools.html

6/2011: NACUBO Article: Campus 'Power Potential' uses UCI as a case study

"Pairing local renewable energy resources with smart technologies can ensure reliable, efficient, and cost-effective power supplies," says a recent article in the National Association of College and University Business Officers' (NACUBO) Business Officer magazine. Using examples from the University of Minnesota, Morris; Santa Clara University (CA); University of California, Irvine; and Oregon Institute of Technology, the article details specific case studies of successful energy cost savings and emissions reductions on campuses.

http://www.nacubo.org/Business_Officer_Magazine/Magazine_Archives/June_2011/Power_Potential.html

5/27/2011: UCLA, UCI win awards for alternative commuting programs

UCLA Transportation wins the top Corporate Blue Diamond Award for pioneering development and robust management of wide array of commuting options for a daily campus population of 65,000. When all efforts to mitigate traffic are considered, UCLA generates less vehicle traffic today than it did in 1990, despite a 30 percent growth in the campus...Awards for Orange County top efforts in commuting and parking management on behalf of their employees and the community went to "ETC of the Year" Michael Davis of U.C. Irvine.

<http://today.ucla.edu/portal/ut/staff-applause-transportation-204302.aspx>

http://www.metro.net/news/simple_pr/a-sweet-ride-annual-Diamond-Awards-showcase-commut/

4/7/2011: UCI Vice Chancellor on taking emissions reductions to the next level

"We've relamped practically every fixture on campus, installed occupancy sensors and flow-restrictors, adopted green cleaning practices, increased our landfill diversion rate, made LEED Gold our policy, converted to 'thin client' computing and installed power management software, increased our AVR, and completed dozens of other, significant green actions. We 'walk the talk,' yet our carbon footprint has only declined about ten percent. What now? Our progress seems to be slowing down or, worse yet, topping out! We are beginning to understand the necessity for major capital investment in order to attack the remaining nine-tenths of our carbon footprint. We need large-scale changes in the way we consume energy and source it. How do we make the transition from fast-payback projects and low-investment behavioral changes to projects with sufficient scale to, say, cut our carbon footprint in half by 2020? Such a milestone would surely be consistent with our commitment to attain carbon-neutrality 'as soon as possible.'"

<http://secondnaturebos.wordpress.com/2011/04/07/dont-blame-your-cfo-if-progress-is-slowing/>

3/9/2011: First-Ever Bicycle Friendly Campus Designations Announced

The League of American Bicyclists has announced the first institutions to receive its Bicycle Friendly University designation. The program recognizes colleges and universities that create environments where bicycling can thrive and provides a roadmap and technical assistance to create great campuses for bicycling. For its breadth of programs, including a cycling network, education programs like the Bike Safety Dorm Challenge, bicycling incentive programs and 21.7 percent of bike commuters, Stanford University (CA) received the only platinum-level award. Both Gold designations went to UC campuses - UC Davis and [University of California, Santa Barbara](#). One of the nine Silver designations went to UC Irvine.

10/28/2010: U California Irvine Student Housing Earns LEED Gold

The University of California, Irvine has announced that its newest student housing project has earned LEED Gold certification. The \$137 million project features two student residential communities totaling 1,760 beds and a seven-level parking garage. The buildings green features include specified cool roofs to lower heat island effects and recycled construction materials. Seventy-five percent of construction waste was diverted from the landfill.

October, 2010: UCI Vice Chancellor's column in ACUPCC newsletter: *Why do good plans die?*

Sometimes failure of a plan to prove transformative is not an inherent weakness of the plan, itself, but due to organizational incapacity or resources. My July column outlined ten critical success factors that predict an organization's performance. Item #10 was Accountability goals and measures that mainstream mission-critical problems into annual performance goals and subsequent performance appraisals of line managers. This means that any plan, in order to effect change, needs to *transition* from staff to line. This happens when specific, measurable outcomes are written into annual performance objectives of the directors of facilities, construction, parking, transportation, housing, food services, environmental safety, environmental planning, and procurement. Failure to make the staff to line transition negates the value of many plans.

<http://secondnaturebos.wordpress.com/2010/10/06/why-do-good-plans-die/>

8/16/2010: Eight UC campuses make Sierra Club's green rankings

Eight University of California campuses made Sierra magazine's list of [100 Cool Schools](#), which ranks environmentally friendly policies at universities across the country. Leading the way for UC was [Irvine](#), which placed sixth on the list with a score of 84.4 out of a possible 100. Santa Cruz was 11th with score 82, San Diego was 15th with 81.6, Davis was tied for 16th with 81.2, UCLA was 25th with 77.6, Berkeley 32nd with 76.3, Merced 39th with 73.3 and Santa Barbara 44th with 72.2. The Cool Schools survey results will be published in the September/October issue of Sierra, a publication of the Sierra Club.

UC press release: <http://www.universityofcalifornia.edu/news/article/23885>

Chronicle of Higher Ed: <http://chronicle.com/blogPost/Sierra-Magazine-Shuffles-the/26247/>

NPR Talk of the Nation: <http://www.sciencefriday.com/program/archives/201008205>

Environmental Leader Daily: <http://www.environmentalleader.com/2010/08/16/sierra-names-green-mountain-college-as-top-school-in-green-college-ranking/>

July, 2010: UC Irvine Vice Chancellor assesses institutional readiness for implementing climate solutions

"During the past three years I have served in the roles of both Chief Business Officer (CBO) and ACUPCC Implementation Liaison at the University of California, Irvine. In this dual role I have recognized certain factors critical for attaining success in implementing climate action plans. In this first of four articles to be published over the next twelve months, I will describe two basic tools that can determine whether your organization and key stakeholders are adequately prepared to move forward in implementing solutions to the complex problem of attaining institutional climate-neutrality. The following 10 factors are strong predictors of an organizations success in addressing any large, complex problem including climate change solutions."

<http://secondnaturebos.wordpress.com/2010/07/06/institutional-readiness-to-implement-climate-solutions/>

3/19/2010: UC Irvine wins Transportation Award

UCIs Parking & Transportation Services department launched ZotWheels last fall as an alternative to driving a personal or fleet vehicle to, from and around campus. Students, staff and faculty members take advantage of the program, reducing traffic congestion, the demand for parking, and UCIs carbon footprint. Computerized and networked ZotWheels stations are strategically located at high-volume destinations throughout campus, allowing members to rent a bike from one site, ride it and then return it to any of the other stations. Bicycles can also be used in the neighboring community. ZotWheels membership is \$40 per year. The Green California Leadership Awards were established to recognize outstanding environmental achievements in government. Awards were presented Tuesday, March 16, at the [Green California Summit](#) in Sacramento.

http://today.uci.edu/news/2010/03/nr_zotwheelsaward_100317.php

<http://www.azocleantech.com/Details.asp?newsID=9176>

1/08/2010: Campuses Announce New Ride-Sharing Programs

The University of California, Irvine; University of California, Berkeley; University of San Francisco (CA); University of Maryland; and George Mason University (VA) have launched an integrated car and ride sharing application on their campuses. The integrated Zipcar-Zimride application allows members to share a ride by posting the date, time, and destination of the trip to the Zimride campus community. Once posted, Zimride's route algorithm finds and notifies users looking for a ride to the same or nearby destination. Zimride members also may find and share a local Zipcar if a posted ride is not available or does not exist. The campuses hope to reduce congestion, parking demand, and CO2 emissions while at the same time providing a cost-saving and convenient alternative to car ownership for faculty, staff, and students.

See also: [List of Campus Car-Sharing Programs](#)

<http://zipcar.mediaroom.com/index.php?s=43&item=173>

10/16/2009: UCI Student Among Country's Top Youth Environmental Leaders

The Earth Island Institute has announced the six winners of the 2009 Brower Youth Awards. Winners include: Hai Vo, 22, of California, for helping transform University of California food purchasing; Sierra Crane-Murdoch, 21, of Vermont, for uniting the movement to battle coal; Adarsha Shivakumar, 16, of California, who implemented a biofuel solution in rural India; Alec Loorz, 15, of California, the youngest presenter of Al Gore's The Climate Project;" Diana Lopez, 20, of Texas, who created an organic food source for San Antonio; and Robin Bryan, 21, of Manitoba, who helped protect one million acres of forest in Canada from industrial logging. The winners were selected from more than 125 applicants and will receive a \$3,000 cash prize for their achievements.

http://current.com/items/91232431_hai-vo-brower-youth-award-winner-2009.htm

See also: [2009 Award Winners' Profiles](#)

10/5/2009: UCI Launches Bike-Share

Flemings brainstorm has spawned the first automated bike-sharing program in the University of California system. With its launch Friday, Oct. 9, students, faculty and staff will be able to borrow a bicycle with the swipe of a membership card...Ports to accommodate 40 bikes are located at Langson Library, the Student Centers lower lawn area, Physical Sciences and the Science Library. The \$40-per-year program is open only to UCI affiliates with a current employee or student identification number. The first 250 subscribers will receive a helmet, safety light, lock and water bottle.

http://www.uci.edu/features/feature_zotwheels_091005.php

9/16/2009: UCI's Recreation Center earn UCI's 5th LEED Gold certification

UC Irvines Anteater Recreation Center expansion has earned LEED NC Gold certification from the U.S. Green Building Council. Expansion of the state-of-the-art sports and fitness complex was completed in September 2008, increasing the facility's size from 89,000 square feet to 115,000 square feet, including 10,000 square feet for weight training, two additional activity rooms, a demonstration kitchen, and a wellness center with massage, exercise testing and Pilates reformers.

http://today.uci.edu/news/nr_leedgoldarc_090916.php

8/4/2009: UCI Receives Fourth LEED Gold Rating

For the fourth time since March, 2007, UC Irvine has earned LEED Gold certification from the U.S. Green Building Council for excellence in environmentally responsible building design, construction and operation. The most recent award went to Donald Bren Hall. The 147,975-square-foot facility completed in March 2007 provides research, classroom and office space for faculty and students in the Donald Bren School of Information & Computer Sciences...These prestigious awards reflect UCIs commitment to green building design, said Wendell Brase, vice chancellor for administrative & business services. To date, every UCI construction project to complete the LEED process has achieved a Gold rating from the U.S. Green Building Council.

http://today.uci.edu/news/nr_leedgoldbren_090804.html

6/23/2009: UC Irvine cuts greenhouse gas emissions from the (efficiently irrigated) ground up

In ways that have altered nearly every aspect of campus life, UC Irvine has reduced the energy needed to keep the place humming, serving as a model for other large organizations seeking to shrink their carbon footprints.

http://www.uci.edu/uci/features/feature_greenu_090623.phpv

6/15/2009: Hai Vo '09 sows seeds of sustainable food reform at UC Irvine and beyond

Last fall, Vo and Kelsey Meagher, cognitive sciences undergraduate and Real Food Challenge president, began an [assessment](#) of campus dining services. The early results revealed that 10 percent of it is real not bad, considering the national average is 2 percent. But the Real Food Challenges target is 20 percent real food by 2020. And Vo is busy trying to reach it...His passion for sustainable food is spreading beyond the Irvine campus all the way to the UC Office of the President, where Real Food Challenge goals are being considered for systemwide implementation. Its a really exciting time right now, Vo says, beaming.

http://www.uci.edu/features/feature_vorealfood_090615.php

6/15/2009: For Max Broad '09 and undergrad Alexis Kim, The Green Initiative Fund brings new meaning to TGIF

Approved in April, TGIF will raise more than \$160,000 a year for projects that fight global climate change and shrink UCI's carbon footprint. Students can apply for grants of up to \$50,000, and their proposals are reviewed by a committee of five undergraduates..."It puts power in the students' hands and lets them take control of green projects," says Kim, a second-year Earth and environmental sciences major...TGIF, the brainchild of the California Student Sustainability Coalition, is already in place at UC Berkeley, UC Santa Barbara and other universities, and it has funded such green projects as waterless urinals, solar power panels, organic gardens and sustainability awareness campaigns. UCI hopes to launch its first TGIF project in 2010.

http://www.uci.edu/uci/features/feature_greenfee_090615.phpv

4/23/2009: UCI's Student Center earns LEED Gold certification

UC Irvine's new Student Center has been awarded Leadership in Energy and Environmental Design gold certification by the U.S. Green Building Council. The 287,000-square-foot social hub at UCI is the states first student center to receive LEED gold certification..."This accomplishment not only exemplifies UCIs commitment to environmental stewardship but is a real tribute to the creativity and resourcefulness of our staff," said Wendell Brase, administrative & business services vice chancellor. "The new Student Center was originally designed to qualify for the basic LEED rating. At the onset, I dont think any of us expected the project to achieve such a high level of performance."

http://today.uci.edu/news/release_detail.asp?key=1891

4/21/2009: Eating can be energy efficient too

With Americans looking to reduce their "carbon footprints," food seems an obvious place to start. Choosing a diet with a smaller carbon footprint means choosing foods that are processed in ways that emit less carbon dioxide a heat-trapping "greenhouse" gas into the atmosphere. The article quotes Gail Feenstra, a food systems analyst at the UC Davis Agricultural Sustainability Institute, and Nathan Fiala, a doctoral candidate in environmental economics at UC Irvine.

http://www.usatoday.com/news/nation/environment/2009-04-21-carbon-diet_N.htm

4/16/2009: UCI's Sustainable Transportation Programs Earn EPA Environmental Achievement Award

UC Irvines effort to reduce congestion and improve air quality through sustainable transportation programs was recognized Thursday, April 16, with an outstanding achievement award from the U.S. Environmental Protection Agency. UCIs sustainable transportation program promotes walking, biking, and the use of scooters, carpools, vanpools, car-sharing services, shuttles and public transportation. The EPA lauded the comprehensive program for eliminating more than 39 million vehicle miles and 19,000 tons of greenhouse gas emissions, and for saving the university community more than \$21 million annually. UCI commuters average 1.87 riders per car, the highest average vehicle ridership for any employer of comparable size in Southern California.

http://today.uci.edu/news/release_detail.asp?key=1887

2/2/2009 Green OC: UCI students are finalists in \$25,000 "crazy green idea" contest

Their idea is to create the "ultra capacitor." And it's landed them among the top three competitors for \$25,000 from the X Prize Foundation – the same organization that awarded \$10 million to the team that built SpaceShipOne. Kyle Good and Bryan Le, both 19 and both second-year students at UC Irvine, explain their idea in a Youtube video, one of 133 submitted to the X Prize Foundation in the "What's Your Crazy Green Idea?" contest. Their idea is among three chosen by the Foundation as finalists; the public got to vote for their favorite among the three, and the winner will be announced Feb. 5. <http://greenoc.freedomblogging.com/2009/01/30/uci-students-are-finalists-in-25000-crazy-green-idea-contest/4052/>

December 17, 2008: UC Irvine Wins Flex Your Power Award

The State of California's Flex Your Power program recognized UC Irvine with a "Best Overall" award. The campus was honored for reducing its electrical demand by up to 15,000 kW, yielding a peak savings of 68% and saving nearly 4 million gallons of water annually.

<http://www.fypower.org/feature/awards/6th/profile.html?company=uci>

November 26, 2008: UCI wins environmental award for reducing driving

UCI has won a state environmental award for its commuter programs that saved local roads and highways from more than 39 million miles of driving per year. Gov. Arnold Schwarzenegger announced this week that the university has won the 2008 Governor's Environmental and Economic Leadership Award for its Sustainable Transportation Program. The school offers "green" transportation, van pooling, carpooling and other options to those who commute to school. <http://www.dailypilot.com/articles/2008/11/25/education/dpt-uciaward112608.txt>

See also: http://today.uci.edu/news/release_detail.asp?key=1854

November 5, 2008: Making a greener campus; College officials discuss ways to save money, reduce carbon footprint at national conference

College technology officials say environmentally friendly policies can save IT departments millions as campuses across the United States adjust to tighter operating budgets. At a forum discussion with chief information officers and campus administrators, Wendell C. Brase, vice chancellor for administrative and business services at UC Irvine, said tech officials should know their college's carbon footprint, promote more energy-efficient ways to cool servers, and cut energy usage in laboratories that generally use the majority of a campus's electricity. Brase gave his presentation at the 10th annual EDUCAUSE conference in Orlando, where thousands gathered Oct. 28-31 to discuss the latest in higher-education technology use.

<http://www.eschoolnews.com/news/top-news/index.cfm?i=55868>

September 29, 2008: UCI Vice Chancellor Leads UC Systemwide Climate-Neutrality Effort

Wendell Brase is already leaving his reduced-carbon footprint on the state: UC Irvine's vice chancellor for administrative & business services has made his mark at UCI with green buildings, waste recycling, solar energy and more. And now, Katherine Lapp, executive vice president of the University of California, has asked Brase to chair the Climate Solutions Steering Group, which will focus on implementing carbon-neutral technology and solutions on UC campuses. Lapp and Brase answer questions about this new endeavor.

http://uci.edu/uci/features/feature_braselapp_080929.php

September 22, 2008: Living the green life: Doctoral candidate Candice Carr Kelman conducted a sustainability assessment of the UCI campus and takes everyday steps to reduce her carbon footprint

Carr Kelman, a doctoral candidate in planning, policy and design, recently released a sustainability assessment of the UC Irvine campus, covering areas including dining, transportation and purchasing. The two-year study produced some encouraging results, while showing there are areas that need improvement, says Carr Kelman.

http://today.uci.edu/Features/profile_detail.asp?key=382

September 16, 2008: New student housing combines amenities and green features

Construction has begun on a \$221 million student housing project that combines desirable amenities with many green features and will allow UC Irvine to lead the University of California system in the percentage of student population housed on campus. The project was designed to meet the U.S. Green Building Council's Gold LEED certification. The community will optimize energy and water efficiencies and is situated on campus to promote the use of public transportation, bicycles and walkways. Additionally, it will reduce light pollution, waste water and construction waste, and utilize regional materials.

http://www.today.uci.edu/news/release_detail.asp?key=1830

August 5, 2008: [UC Irvine Extension Offers Online Certificate in Sustainability Leadership](#)

The University of California, Irvine Extension has launched a new online certificate program in Sustainability Leadership. Providing an interdisciplinary focus, the program aims to integrate sustainable development and environmentalism into management strategy, advance the comprehension of environmental compliance, contribute to an understanding of regulatory trends, and add to the achievement of corporate social responsibility. The program is designed for individuals who are leading sustainability initiatives in their roles in corporate, government and public agencies, nonprofit advocacy organizations, engineering, public health, urban planning, and law. In addition, those within professional designations such as human resources, marketing, and facility management are encouraged to participate. The program will begin this fall.

June 12, 2008: What's Hot on Campus This Year: Solar Power

The University of California at Irvine is getting into the solar game through a [20-year contract](#) with UPC Solar in Chicago to install a 1.2-megawatt system on 11 campus buildings. And the university's San Diego campus [announced](#) in April a contract to put up a 1-megawatt solar array this year on campus buildings, to be followed next year by a similarly sized project.

<http://chronicle.com/blogs/architecture/2191/the-hottest-thing-on-campus-this-year-solar-power>

April 2, 2008: College Officials Face Tough Choices in Achieving Carbon Neutrality

At the Smart and Sustainable Campus conference, which drew sustainability directors, business officers, and architects to the University of Maryland here, Wendell C. Brase took on one of the Big Questions: What will it take for colleges to become "climate neutral"?

The question wasn't just academic. The University of California at Irvine, where Mr. Brase is vice chancellor of administrative and business services, has signed the American College & University Presidents Climate Commitment, which says that colleges should achieve that state at some reasonable point in the future. To do so means eliminating the effects of greenhouse gases like carbon dioxide, methane, and nitrous oxide which have been tied to climate change. That task is far more difficult than many of the signatories might have thought it would be[...]. Mr. Brase detailed the many ways that Irvine is trying to reduce the greenhouse-gas emissions it is

held responsible for, but he focused on two principal efforts: building more student housing and improving the energy efficiency of laboratories.

<http://chronicle.com/free/2008/04/2335n.htm?rss>

See also: <http://fastfood.freedomblogging.com/2008/03/28/uci-adopts-cage-free-egg-policy/>

March 26, 2008: UCI Dining Facilities to serve Organic, Cage-Free Eggs

University of California Irvine has joined a growing movement toward improving the lives of farm animals by enacting a cage-free egg policy for campus dining facilities. Effective this month, all eggs that UC Irvine serves its students will be organic and cage-free.

http://www.hsus.org/press_and_publications/press_releases/ucirvine032608.html

February 4, 2008: UC-Irvine Signs 1-MW PV Deal

University of California Irvine (UCI) is now adding solar power to its list of sustainability initiatives. A newly approved, 20-year agreement with Chicago-based UPC Solar will locate a 1.17-megawatt (MW) solar photovoltaic (PV) system on campus rooftops. UPC Solar will design, install, own and maintain 6,500 solar panels to be placed on 11 campus buildings.

<http://www.renewableenergyworld.com/rea/news/story?id=51354>

See also: http://today.uci.edu/news/release_detail.asp?key=1724

January 31, 2008: Focus the Nation Educates About Global Warming

Focus the Nation, a national movement based on spreading knowledge about global warming and related environmental concerns, came to UC Irvine with a series of events on Jan. 30 and 31. The effort was organized by the Focus the Nation steering committee, Students for Sustainability and the Orange County chapter of the Society for Conservation Biology.

<http://www.newuniversity.org/checkDB.php?id=6502> See also:

http://today.uci.edu/news/media_advisory_detail.asp?key=395

November 8, 2007: UC Irvine Researchers Receive Grant to Develop Measures to Value Green Space in Urban Areas

Project Description: At a time of increasing concerns for urban sustainability, what are the physical, social, and economic values of urban forests in semi-arid climates where many of the world's fastest growing cities are located? Although urban forests are increasingly popular to improve environmental quality, little is known about their impacts on greenhouse gas emissions, local air quality, and local temperatures in relation to the urban heat island effect. We also want to understand how complex systems involving urban ecosystems, social organizations and individuals learn and change when provided with scientific information on urban forests, and how this influences the implementation of sustainability at the regional level.

<http://yosemite.epa.gov/opa/admpress.nsf/0/157561f771227e248525738d00591b93?OpenDocument> see also:

http://cfpub.epa.gov/ncer_abstracts/index.cfm/fuseaction/display.abstractDetail/abstract/8564/report/0

May 5, 2007: Dorm room on UCI's campus aims to raise students' awareness on sustainability

A new UC Irvine program to promote "green" living hopes students will soon take tests with pencils made of recycled newspaper or pens made of recycled corn, writing on paper made of recycled banana fibers. The Green Campus Program opened a dorm room this week displaying about 80 environmentally friendly products worth about \$2,000. The Green Room is available for viewing through the summer in hopes that students, especially freshmen, will stock their dorm rooms with some of the products.

http://www.ocregister.com/ocregister/homepage/abox/article_1681635.php

April 17, 2007: UC Irvine to Convert Buses to 100% Biodiesel

UC Irvine has announced plans to convert its fleet of 10 buses to 100% biodiesel. The move comes after more than a year of test with a single bus that was fueled exclusively with biodiesel. Other campus fleet vehicles, such as solid waste and recycling trucks, operate on fuel that is 20 percent biodiesel and 80 percent diesel.

UC Irvine unveiled its first 100% biodiesel-fueled shuttle bus Tuesday, with more than 200 students, faculty and staff -- as well as Irvine Mayor Beth Krom -- gathering to celebrate the campus move toward sustainability. The university plans to convert its entire shuttle bus fleet to run exclusively on biodiesel fuel in a UC system-wide effort to become greener and cleaner... the featured vehicle runs entirely on fuel made from soybeans, producing nearly 80% less carbon dioxide emissions than regular diesel fuel, as well as fewer nitrogen oxides and other greenhouse gases, according to Dick Sun, UCIs environmental manager.

<http://epaper.ocregister.com/Repository/ml.asp?Ref=T0NXSXJ2aW51V29ybGROZXdzLzIwMDcvMDQvMTkjQXIwMTYwMA>

<http://www.dailypilot.com/articles/2007/04/18/education/dpt-soybeans18.txt>

September 29, 2006: A Great Park education: A class at UCI proposes cutting-edge concepts for more energy efficiency.

UCI student-inspired idea for the Great Park has the design team "seriously considering" making it a part of the park's plan...Natalia Komar, Jim Maclay and Shane Stephens presented that and four other ideas to the Great Park Corp. board on Thursday. Their PowerPoint presentation included these ideas: dishes that collect and convert sunlight into energy, an electric light-rail train, ways to measure the park's energy usage, kiosks to educate park visitors, and a system to produce electricity and heat from grass clippings...The presentation was a first step into the real Great Park world for the students who spent a semester studying ideas for the metropolitan park. Still, they were anxious waiting to see what the seven board members said.

http://www.ocregister.com/ocregister/news/homepage/article_1291902.php