

AASHE DIGEST

A Review of Campus Sustainability 2005

Compiled by Julian Dautremont-Smith
March 2006



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About AASHE



AASHE is a professional, membership-based association of colleges and universities in the U.S. and Canada. Its mission is to promote sustainability in all sectors of higher education - from governance and operations to curriculum and outreach - through education, communication, research and professional development.

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LaGrange College	University of Idaho
Lane Community College	University of Minnesota, Morris
Lewis & Clark College	University of Montana
Menlo College	University of N. Carolina at Chapel Hill
Michigan State University	University of Oregon
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Introduction

by Julian Dautremont-Smith and Judy Walton

Welcome to the first issue of *AASHE Digest*!

We hope you enjoy this retrospective look at campus sustainability stories and events from 2005, compiled from the weekly *EFS-News* (now called *AASHE Bulletin*). We couldn't think of a better way to present the year in stories than to draw on *EFS-News* items and arrange them by topic.

The Digest does not claim to be comprehensive; in fact, and unfortunately, we missed several key stories during the year. But we've continually refined the search alerts, and appreciate that more subscribers are alerting us to their press releases.

The sheer number of stories in 2005 is convincing evidence that the campus sustainability movement has achieved a sort of critical mass. In this introduction, we wanted to share a few highlights from the past year:

New Organizations

At least three major organizations were launched in 2005:

- ***The U.S. Partnership for the Decade of Education for Sustainable Development*** - was formed to coordinate and promote the United Nations' Decade of Education for Sustainable Development (2005-2014) in the U.S. It includes a sector for higher education.
- ***The Association for the Advancement of Sustainability in Higher Education (AASHE)*** - was formed in the fall to connect and leverage the efforts of diverse campus sustainability organizations in the U.S. and Canada, to provide a professional home for sustainability coordinators and directors, and to advance sustainability in all sectors of higher education.
- ***The Higher Education Associations Sustainability Consortium (HEASC)*** - was established in the fall as a consortium of mainstream higher education associations committed to advancing education for a sustainable future within their constituencies and in higher education in general. (HEASC members include SCUP, APPA, NACUBO, AGB, NAEP, and ACPA.)

Conferences and Competitions

Conferences and competitions dotted the 2005 campus sustainability landscape:

- ***Greening of the Campus*** – a successful 6th biennial GOC conference was held by Ball State University in September, with the theme “Extending Connections.”
- ***Campus Sustainability Day*** – the 3rd CSD (October 26) centered on a webcast organized by SCUP and was accompanied by the release of a white paper to campus leadership, *We Rise to Play a Greater Part*.
- ***Smart and Sustainable Campuses*** – this new conference was held in November by the U.S. EPA, with support from APPA, NACUBO, and SCUP.
- ***Recyclemania*** - Miami University and California State University San Marcos emerged as winners in the 2005 competition, with Miami generating the least amount of solid waste per person and San Marcos achieving the highest recycling rate.

- **Solar Decathlon** - the University of Colorado at Boulder won first place in this international competition to design, build and operate the most attractive and energy-efficient solar-powered home,
- **2005 North American Solar Challenge** - University of Michigan won this educational competition to design, build, and race solar-powered cars.

Victories

The campus sustainability movement truly exploded last year, with new milestones and achievements virtually every week. Here are some of the key trends from 2005:

- **Clean energy** – Western Washington University and Evergreen State College raised the campus sustainability bar by purchasing 100% renewable energy starting in the fall. The purchases were funded with student-approved fee increases. In addition, the California State University Board of Trustees, following a two-year student-run campaign, unanimously approved one of the strongest and most comprehensive university policies on clean energy; it stipulates that by 2010, CSU will meet 20 percent of its electricity needs from renewable sources.
- **Green building** – a number of schools across the U.S. and Canada adopted green building policies last year. For instance, the California State University system's new policy (see above) requires all new buildings and major renovations to meet LEED standards. In addition, state governments in Washington, Nevada, and Arizona passed legislation or executive orders that required state-funded buildings to meet LEED standards. This includes buildings on state-funded college campuses.
- **Local food** – farm-to-cafeteria initiatives were a big hit on campuses this year. Efforts to offer more locally grown food in campus dining halls received coverage by the *New York Times*, *Time Magazine*, and the *Associated Press*.
- **Student activism** – In September, students announced a national campaign calling for universities to require licensees who produce college-logo apparel to use only designated "sweat-free" factories, where workers are paid a living wage and are allowed to form unions and bargain collectively. The University of Wisconsin-Madison is one of the campuses that have already begun moving in this direction.
- **Human rights** – University of Michigan, New York University, and other schools responded to allegations of Coke's complicity in human rights violations in Colombia by removing Coke products from campus.
- **Waste reduction** – a model project emerged from College of the Atlantic, which held what is believed to be the first-ever zero waste commencement, with no garbage created during commencement and week preceding it.
- **Global warming** – Energy Action, a coalition of 29 environmental and social justice networks, launched the Campus Climate Challenge to engage students, faculty and staff at college campuses in the U.S. and Canada in a long-term effort to eliminate global warming pollution. Within three months approximately 150 campuses had signed up. In addition, Yale University committed to reduce its greenhouse gas emissions by 10% below 1990 levels by 2020 through investment in energy conservation and alternate energy sources.

Over the next year we'll continue to provide you with the latest news and resources from the campus sustainability community via *AASHE Bulletin*.

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Sustainability/Environmental Policies

1. Duke Announces Institution-Wide Environmental Policy (04.27.05)

On Earth Day, Duke University announced the adoption of a formal, institution-wide environmental policy that aims to make the university a national leader in implementing environment-friendly management and practices. The policy commits the university to leadership in three areas: environmental research and education, environmentally responsible operations and environmental stewardship in the community.

http://www.duke.edu/sustainability/050422_policy.html

<http://tinyurl.com/ch97e> (pdf)

2. Washington State University Adopts Sustainability Policy (01.06.06)

Washington State University recently adopted a Sustainability Initiative Policy. Among other things, the policy states that "Washington State University is committed to improve its performance in sustainability in all areas of operations to meet the needs of current generations without impairing the ability to meet the needs of future generations."

http://www.wsu.edu/~forms/HTML/EPM/EP24_WSU_Sustainability_Initiative.htm

3. Declaration of Support for Sustainability at PSU Launched (05.11.05)

A group of 55 faculty, staff, administrators, and students of Portland State University have launched an effort to get the university to adopt a Declaration of Support for Sustainability. Advocates are currently working to build support from the campus community before presenting the declaration to the University Administration. The goal of the effort is for Portland State to become a leader in sustainability research and practice.

http://www.sustain.pdx.edu/forms/PSU_Declaration.pdf

<http://www.dailyvanguard.com/vnews/display.v/ART/2005/05/04/427865a833e25>

Talloires Declaration Signings

4. University of Idaho to Sign Talloires Declaration (03.01.05)

On March 3rd, 2005, University of Idaho President Timothy White will commit the University to sustainability by signing the Talloires Declaration. The Declaration is a ten-point action plan for incorporating sustainability and environmental literacy into teaching, research, operations, and outreach at institutions of higher education. Written in 1990 at an international conference in Talloires, France, the Declaration has been signed by over 300 universities in 40 countries. Anthony Cortese, a co-author of the Declaration and a founder of EFS West, will be speak at the ceremony.

<http://www.today.uidaho.edu/details.aspx?id=2994&sctn=news>

5. Lewis & Clark College to Sign Talloires Declaration (04.20.05)

Lewis & Clark College will be the first Oregon college to sign the Talloires Declaration when President Tom Hochstettler signs the document on Earth Day, April 22nd. The Declaration is a ten-point action plan for incorporating sustainability and environmental literacy into teaching, research, operations, and outreach at institutions of higher education. Written in 1990 at an international conference in Talloires, France, the Declaration has been signed by over 300 universities in 40 countries. The signing comes after ninety-three percent of student respondents to a fall 2004 poll by Lewis & Clark's student government favored signing the declaration.

<http://www.lclark.edu/cgi-bin/shownews.cgi?1113779640.2>

6. Lane Community College Signs Talloires Declaration (12.08.05)

Lane Community College President Mary Spilde signed the Talloires Declaration on Wednesday, December 7. The Declaration is a 10-point action plan for teaching and operating in ways that help achieve environmental literacy and sustainability. More than 300 colleges and universities worldwide have signed the declaration since its creation in October 1990. LCC will be the second institution of higher education in Oregon and the first community college in Oregon to sign the document. As part of Lane's commitment to sustainability, the College began purchasing 10 percent wind power from Eugene Water & Electric Board in November 2005 and is now EWEB's largest wind power customer.

<http://www.lanecc.edu/mpr/news/rel00736.htm>

Sustainability/Environmental Professionals Hired**7. Dartmouth College Appoints First Sustainability Director (04.27.05)**

Jim Merkel, the founder of the Global Living Project and author of the book *Radical Simplicity*, will start work as Dartmouth College's first Sustainability Director on June 1st. In this position, he will lead Dartmouth's ongoing efforts to integrate environmentally and socially sustainable practices into the College's strategic planning. Dartmouth already supports a host of initiatives based on sustainability including: maintaining an organic farm, using green cleaning products, supporting local growers through the Vital Communities program, employing ground-water cooling in its dormitories, and managing a sustainable forest.

<http://www.dartmouth.edu/~news/releases/2005/04/26.html>

8. New Sustainability Coordinator Starts at Cornell University (09.14.05)

Dean Koyanagi, has been appointed Cornell University's first sustainability coordinator. The hiring of a full-time, professional level sustainability coordinator, who reports directly to Executive Vice President for Finance and Administration Steve Golding, fulfills and exceeds the agreement Cornell President Hunter R. Rawlings signed with students who opposed the construction of a new parking lot. Koyanagi will build on the efforts of Garrett Meigs, who served as a part-time intern this past year. He will be responsible for developing and leading a coherent, campuswide sustainability program by coordinating with academic, research, operations and student sustainability activities and assessing their cost effectiveness, technical feasibility and means of achieving acceptance. Koyanagi is charged with sponsoring two environmental sustainability summits at Cornell this year, one each semester. He also will continue to catalog and publicize the many ongoing and new sustainability initiatives on campus and coordinate across various administrative units to ensure that Cornell is leveraging its existing resources in this area.

<http://www.news.cornell.edu/stories/Sept05/Sustain.coordinator.ssl.html>

9. Duke University Hires Green Purchasing Specialist (09.14.05)

Duke University's Procurement Services & Supply Chain Management has hired Vanessa Hamer identify environmentally preferable products and companies. She will be helping to implement Duke's Environmentally Preferable Purchasing Guidelines which "gives preference to environmentally friendly products whose quality, function, and cost are equal or superior to more traditional products."

<http://www.duke.edu/sustainability/2005-08-05vanessa.html>

<http://www.duke.edu/sustainability/documents/EPP%20Guidelines%207-8-04.pdf>

Sustainability/Environmental Professional Job Postings

Staff

10. Director, Office of Sustainability, University of Florida (08.17.05)

The University of Florida seeks to become a global leader in sustainability. To this end, a campus-wide Office of Sustainability is being established to foster innovation and collaboration in sustainability-related teaching, research, outreach and resource conservation programs and projects. The Director is responsible for the overall management of the Office of Sustainability including: the supervision of its staff; the development of reports, programs, and policies related to operational sustainability for University facilities and infrastructure; funding initiatives; and the development and execution of an outreach program and strategic communication plan. The Director will work in close conjunction with a Chief Academic Officer, who is responsible for the development of programs and policies relating to sustainability in teaching and research on campus, as well as the University Sustainability Committee. Applicants must have a master's degree in an appropriate area of specialization and six years of related experience or a bachelor's degree in the same and 8 years of related experience. The starting salary range is \$55,000 to \$75,000, negotiable based on experience and skills. This position is open until filled. Initial review of resumes will begin on September 16, 2005.

http://www.sustainable.ufl.edu/positions_director.html

11. American University Environmental Coordinator (03.30.05)

American University is seeking an Environmental Coordinator to provide the leadership, administrative support and coordination appropriate to develop, maintain and enhance environmental stewardship within the campus community and among its constituencies. Applicants should have a Bachelors degree or significant progress towards a degree. The salary for this position is 30K for a 28 hour work week. [link no longer available]

12. Campus Sustainability Coordinator, Seattle University (07.13.05)

Seattle University is seeking a full time Campus Sustainability Coordinator to promote sustainability on campus. The Coordinator will maintain, expand and develop programs, grants, etc., aimed at reducing the environmental impact of Seattle University operations, projects, and practices. A B.S. Degree in Environmental Science or related field and 5 years experience in the environmental field is required, and a Masters Degree is preferred. Salary starts at \$35,500 DOE.

http://www.aashe.org/resources/pdf/seattle_coordinator.pdf

13. Campus Sustainability Coordinator, Middlebury College (08.31.05)

Middlebury College seeks applicants to fill its Campus Sustainability Coordinator position. The Campus Sustainability Coordinator guides the College on a path of national leadership in campus sustainability and environmental education by advancing existing and developing new programs and innovations to promote sustainable practices and awareness throughout the College. Applicants should have a master's degree in related field (or commensurate work experience) and 5-years of hands-on experience implementing environmental or sustainability programs. Minimum salary for this position is \$41,731 per year. The application deadline is September 17, 2005.

<http://www.middlebury.edu/administration/enviro/coordinator.htm>

14. Environmental Sustainability Coordinator, Oberlin College (09.07.05)

Oberlin College in Oberlin, Ohio is seeking an energetic and entrepreneurial person to serve as Environmental Sustainability Coordinator. The successful candidate will provide leadership to the Oberlin community in implementation of the College's comprehensive environmental policy. The Coordinator will interact with the administration, faculty, staff, and students and will be instrumental in focusing attention on ways to maximize the environmental performance of Oberlin College. The Coordinator will reach out to the campus and wider community and provide a connection between Oberlin and regional and national activities. The Coordinator will serve as an ex officio member of the President's Environmental Policy Advisory Committee and will facilitate the implementation of the College's comprehensive environmental policy in line with the College's strategic goal of sustainability. Applicants should have experience with environmental sustainability issues and a bachelor's degree or higher in a relevant field. Applications are due by November 1, 2005.

[link no longer available]

15. Community Service and Sustainability Initiatives Coordinator, Green Mountain College (07.20.05)

Green Mountain College is seeking a Community Service and Sustainability Initiatives Coordinator (CSSIC) to coordinate a range of faculty, student, and staff initiatives in the areas of community service and campus greening. Specifically, the CSSIC will work towards the development and implementation of service learning projects, environmental programs, and campus outreach efforts. The CSSIC will also be responsible for collecting and documenting achievements across the campus related to greening and community service and for periodically offering workshops to students on greening and community service topics. Experience on college campuses promoting service activities and greening efforts is a plus. A Bachelors Degree is required, preferably in an environment-related field. Salary is \$20,000-30,000.

[link no longer available]

16. Sustainability Education & Communication Coordinator, Duke University (07.27.05)

Duke University is seeking applications for a full-time Sustainability Education & Communication Coordinator to coordinates the Education for Efficient Resource Use Program. The coordinator will work to improve the behavior of Duke community members with regards to the efficient use of resources on campus by developing and implementing programs that raise awareness and environmental literacy. Applicants should have a Bachelor's degree or four to ten years' related experience and/or training. Salary is \$31,000 to \$45,000 DOE. The position is to be filled by before the start of school (August 25th).

<http://www.duke.edu/sustainability/2005-07-20hiring.html>

17. Sustainability Manager, Princeton University (10.19.05)

Princeton University is seeking applications for a Sustainability Manager position. Primary responsibilities of this position include facilitating and supporting the Princeton Environmental Oversight Committee and associated working groups; coordinating and enhancing diffuse sustainability efforts of staff, faculty, and students; and publicizing, promoting, and communicating Princeton's sustainability efforts within and outside the campus community. The manager will educate staff, faculty, and students on sustainability best practices, providing a central clearing-house of case studies, guidelines, and financial incentives. The manager will also educate non-campus professionals working on campus, as well as the broader

society. The manager will be required to publish a campus sustainability indicators report, analyzing past successes, current efforts, and future focus areas for reducing environmental, social, and economic impacts. The manager will also identify and adapt sustainability best practices from other universities, corporations, and governments. Developing long and short-term strategic plans, recommending policy and organizational changes needed to advance sustainability initiatives are also required, along with providing ongoing financial reporting on costs and benefits of all programs. Additionally, the manager will manage an Eco-Rep Program. A related undergraduate degree (masters degree preferred) is required as well as demonstrated experience and interest in sustainability and sustainability best practices in universities and the ability to analyze cost/benefit of future and current programs. The position is funding for two years, future growth of the office will rely on the Sustainability Manager developing a fully-funded program. The position is open until filled.

[link no longer available]

Faculty

18. Faculty of Sustainability Studies, The Evergreen State College (09.07.05)

The Evergreen State College in Olympia, WA seeks a broadly trained faculty member with academic training and demonstrated expertise in sustainability studies to teach at the undergraduate and graduate levels. This full-time position involves planning and teaching team-taught, interdisciplinary programs with faculty members from a wide range of disciplines. Opportunities exist locally for collaboration with community organizations. The successful candidate will have a strong theoretical background in sustainability studies (e.g. systems perspective), and experience that demonstrates critical thinking about sustainability issues. A Ph.D. in a natural, or social science or other relevant field is strongly preferred. Review of complete applications begins January 5, 2006.

<http://www.evergreen.edu/facultyhiring/jobs/sustainability.htm>

Campus Sustainability Assessments

19. Campus Sustainability Assessment Project (03.16.05)

This new campus sustainability library includes a searchable database of over 1,200 campus sustainability assessment projects; providing project information, websites and contact information, and details on the assessment framework employed for select projects. The site also includes a guide to conducting a comprehensive campus sustainability assessment, including step-by-step guidelines, assessment framework, data calculators, information management databases, and various templates.

<http://csap.envs.wmich.edu/>

20. University of North Carolina at Chapel Hill Campus Sustainability Report 2005 (11.02.05)

UNC Chapel Hill recently released their 2005 Campus Sustainability Report, entitled *Institutionalizing Sustainability at the University of North Carolina at Chapel Hill*. The report describes UNC Chapel Hill's sustainability initiatives in teaching, research, public service, transportation, buildings, energy, water, stormwater, grounds, and materials management and recycling.

<http://tinyurl.com/ex36q> (pdf)

21. Campus Sustainability in Higher Education Analysis (06.15.05)

This report summarizes a survey of campus sustainability progress at 28 institutions. Results are presented in quantitative and qualitative formats. Case studies are provided for 5 leaders: CU-Boulder, Duke, Harvard, U-Michigan, U-Vermont. Of particular interest is a comparative table showing each school's progress in achieving 13 campus sustainability milestones.

<http://tinyurl.com/9y5cx> (pdf)

22. Sustainability at Cornell University Report (06.15.05)

This report presents an overview of current progress of campus sustainability efforts at Cornell University and recommends next steps for sustainability on and off campus. Four scales of sustainability efforts are examined: education and curriculum, campus operations and culture, community and regional integration, and transnational leadership. Each section describes past and current efforts and includes a prioritized list of recommendations. The report makes 3 overarching recommendations: 1) Full-time staff for campus sustainability, 2) Increased support of interdisciplinary collaboration around sustainability, and 3) Full engagement of the Cornell community around sustainability.

<http://tinyurl.com/aytmt> (pdf)

23. UC Berkeley 2005 Campus Sustainability Assessment (05.04.05)

The Chancellor's Advisory Committee on Sustainability at UC Berkeley recently released the school's first campus sustainability assessment. The report analyzes UC Berkeley's performance with 32 indicators of sustainability across 9 systems (Energy; Water; Built Environment; Transportation; Purchasing & Waste; Land Use; Food; Health & Wellbeing; Academics & Culture). For each indicator, the report provides: a description of the indicator and how UC Berkeley is doing, recent accomplishments related to the indicator, how other institutions compare, and opportunities for further action.

<http://sustainability.berkeley.edu/assessment.html>

24. UNC Greensboro releases first Campus Sustainability Report (03.30.05)

University of North Carolina at Greensboro has released its first comprehensive sustainability assessment. The report evaluates UNC Greensboro's performance across 8 aspects of campus sustainability: energy and air pollution, water, land use, waste and recycling, health and safety, academics and culture, purchasing, and policy.

<http://www.uncg.edu/rcy/Assets/Images/Assess.pdf>

25. Grand Valley State University Sustainability Assessment (01.06.06)

Grand Valley State University recently completed its first Sustainability Assessment. The report evaluates the University's performance across 64 indicators encompassing social, economic, and environmental sustainability.

http://www.gvsu.edu/forms/sustainability/sustainability_report2.pdf

26. Sustainability at Lewis and Clark: A Holistic Assessment Framework (06.01.05)

This Senior thesis by Liz Fehrenbach reviews the existing literature on campus sustainability assessments and develops an assessment framework specific to Lewis & Clark College. She finds that despite some well-known successes, Lewis & Clark has great room for improvement. This resource will be useful for people interested in campus sustainability assessments.

<http://www.lclark.edu/~esm/FehrenbachThesis-04.pdf>

Institutional Campus Sustainability Websites

27. Duke Sustainability Website Launched (03.09.05)

This website is a clearinghouse for news and information about Duke's efforts toward environmental stewardship. The site includes a Greenhouse Gas Inventory report, an inventory of student sustainability initiatives, the full text of Duke's green purchasing policy, information about a green dormitory, and more.

www.duke.edu/sustainability

28. Colorado State University Sustainability Site (03.16.05)

Colorado State recently launched a sustainability site with information about campus sustainability activities. The site includes an annual "Energy Report" showing how energy and water are used on campus. The site also includes information about CSU's innovative program that offers students who live in the residence halls the option to purchase wind-generated electricity.

<http://www.fm.colostate.edu/sustain/>

29. Cornell Sustainable Campus Website (04.13.05)

This website presents efforts that the Cornell community is making to push forward on the path of sustainability. The site focuses on the operational aspects of the university, rather than teaching and research activities. It includes information about Cornell's pollution prevention efforts, energy and transportation initiatives and green building plans.

<http://www.sustainablecampus.cornell.edu/>

Awards & Recognition

30. EPA Funds Sustainability Projects at 41 Universities (12.01.05)

EPA recently awarded \$410,000 to 41 student teams for the 2005-2006 academic year to research and develop sustainable designs through the People, Prosperity and the Planet (P3) competition. The P3 student design competition was launched in January 2004, and several 2004 winners' designs have been successfully implemented into business practices.

<http://tinyurl.com/a4vog>

<http://es.epa.gov/ncer/P3recipients/2005/>

31. State honors UNC's campus green efforts (04.06.05)

University of North Carolina has been awarded 2005 N.C. State Government Sustainability Award for its leadership in sustainability. UNC's efforts towards sustainability include: the use of vegetated roofs, porous pavement parking lots and underground rainwater storage cisterns to improve stormwater management; a tree protection policy incorporated into all campus construction projects; a large recycling program for paper, packing, construction debris and food waste that officials say saved UNC \$800,000 last year; the Carolina Environmental Program itself, which offer's a bachelor's degree in environmental studies and environmental sciences; fare-free bus service, which the university supports along with the towns of Chapel Hill and Carrboro. Since its inception several years ago, the fare-free service has encouraged the use of public transportation and provided 5 million rides last year; and the Zipcar program, which allows students and staff to rent a car by the hour to run errands in and around campus.

<http://www.herald-sun.com/orange/10-590931.html>

32. Evan Williams Award for Outstanding Student Leadership in Campus Sustainability Winner Announced

Stephanie Erickson, a senior at the University of Oregon, has been selected to receive EFS West's 2005 Evan Williams Award. The award, which comes with a \$250 prize, is presented annually to an undergraduate student from the western U.S. or Canada who has demonstrated outstanding leadership in promoting campus sustainability. While at the University of Oregon, Stephanie spearheaded an initiative that led to the creation of the Energy Conservation and Alternative Futures Fund, a \$36,000 annual fund to support alternative energy and energy conservation projects. The fund is supported with a \$2 increase in student fees, approved by 80% of students voting in the April 2005 student government elections. Stephanie faced close competition for the award, with judges also awarding honorable mentions to Dorothy Kieu Le of University of California, Los Angeles; Guyton Durin of Rice University; and Bridgit Van Belleghem from the University of California, Davis. The award is named after Evan Williams, a founding member of EFS West and the first chair of the Environmental Studies Program at Lewis & Clark College in Portland, Oregon.

http://www.efswest.org/highlights/ewaward_winner.php

Other

33. St. Olaf College Sets Sustainability as Theme for 05-06 Academic Year (07.06.05)

Provost and Dean of St. Olaf College (MN) James May has announced that "sustainability" will be the college's main academic theme during the 2005-06 academic year. With the unveiling of a new composter this summer and wind turbine in the fall, and the adoption of campus-wide sustainable design guidelines, the time seemed right, says May. The focus will be academic as well, as professors across disciplines incorporate the sustainability theme into their syllabi. Before the Class of 2009 arrives on campus, the students will take a survey to gauge their environmental values and ecological literacy. Upon their graduation Professor of History Jim Farrell plans a similar survey to determine how students' environmental concerns might have changed.

<http://fusion.stolaf.edu/news/index.cfm?fuseaction=NewsDetails&id=2877>

34. Elon University Launches Environmental Council Intern Program (09.14.05)

Elon University's Environmental Ad Hoc Advisory Council has launched the Environmental Council Intern program, which will provide a stipend annually to as many as four Elon students who will develop yearlong projects to raise awareness or improve university practice on issues related to the environment and conservation. Each intern will be mentored by a member of the council and will be encouraged to participate in group activities while working on their own projects. The council has decided that internships during this inaugural year of the program will have a term of one-half the academic year. The stipend for this inaugural year will be \$2,250 and up to \$250 for supplies, travel and other expenses. For future years the awards will be for one year and the amounts will double. The internship program is the next phase the Campaign for Environmental Awareness, which last year achieved a 12 percent reduction in total energy consumed compared to the previous year as well as big increases in recycling.

<http://www.elon.edu/e-net/Note.aspx?id=22575>

35. UC Santa Barbara to Develop Sustainability Plan (09.28.05)

Over the current academic year UC Santa Barbara will be holding a series of workshops to assist the campus in developing a Sustainability Plan. Among other things, the campus plans to examine and improve its use of energy and water, its procurement and transportation practices, and its landscaping and construction practices. To develop its plan, the university will be using the Natural Step framework.

<http://www.ia.ucsb.edu/pa/display.aspx?pkey=1344>

36. Green Team Forms at Smith College to Implement Sustainability (09.28.05)

A volunteer-based Green Team has formed at Smith College to implement the recommendations of the Sustainability Committee, whose members are appointed by the college President. Like the Sustainability Committee, the Green Team will include faculty, staff, and students. The team's first initiative, The Million Monitor Drive, will work to activate power management features on all the computers connected to the Smith network. If successful, this effort could save up to \$60,000 and prevent the release of over 500 tons of carbon dioxide.

<http://tinyurl.com/dvxld>

<http://www.smith.edu/physplant/greenteam/>

37. Campuses Celebrate Campus Sustainability Day (10.27.05)

Over 100 campuses celebrated Campus Sustainability Day on October 26th by viewing a two hour webcast organized by the Society for College and University Planning. The webcast, entitled "A Six-Pack of Sustainability Lessons from the Past Year in Higher Education," featured presentations of the latest initiatives and successes regarding sustainability in higher education from five recent conferences and was moderated by NPR Science Correspondent Joe Palca. Many campuses also organized additional lectures, discussions, campus clean ups, tours and other events related to campus sustainability. At University of Florida, President Bernie Machen announced his desire to decrease the University's waste production to zero by 2015.

<http://www.scup.org/csd/3/>

<http://tinyurl.com/alht4>

<http://www.alligator.org/pt2/051027machen.php>

<http://staff.juniata.edu/yelnosr/sustainday.html>

<http://eco.wsu.edu/page.asp?rid=37>

<http://www.newsroom.msu.edu/site/indexer/2540/content.htm>

<http://www.ithaca.edu/intercom/article.php/20051018144557328>

<http://duckhenge.uoregon.edu/hparchive/display.php?q=sustainability.html>

<http://www.dailytarheel.com/vnews/display.v/ART/2005/10/26/435f116392629>

<http://newsobserver.com/news/story/2823888p-9273308c.html>

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Curriculum

1. CSU Chico to Incorporate Sustainability into the Curriculum (09.22.05)

At a recent environmental summit at California State University, Chico, faculty and administrators announced plans to incorporate sustainability into the curriculum. They hope the focus on sustainability will foster great community engagement and make classes more interesting. The effort has the support of Provost Scott McNall and President Paul Zingg, who said "This is something I deeply believe in."

<http://tinyurl.com/7kkpj>

2. Prescott College to offer PhD in Sustainability Education (05.18.05)

Prescott College has announced that it will offer what it believes to be the country's 1st fully accredited PhD program in sustainability education. Beginning this fall, this low-residency four year program will offer a sequence of foundational courses along with the opportunity for individually-designed course work and a dissertation/project that supports change for a sustainable and secure society. The College's philosophy stresses experiential learning and self-direction within an interdisciplinary curriculum.

http://prescott.edu/news/phd_approved.html

http://prescott.edu/admissions/apply_phd.html

3. New Program in Corporate Social Responsibility at Harvard Business School (08.10.05)

Harvard Business School recently announced a new business strategy program that addresses the increasing emphasis on corporate social responsibility as an important component of good business practice. Corporate Social Responsibility: Strategies to Create Business and Social Value is being launched on the HBS campus from October 23 to 26, 2005. Developed in response to increasing expectations of consumers, employees, investors, communities, and governments for socially responsible business practices, this Executive Education program provides senior corporate executives with the knowledge, skills, tools, and frameworks to integrate social responsibility as part of their corporate strategy, drive it throughout the organization, and, ultimately, leverage corporate social responsibility for improved business performance. The program is designed for senior executives, CEOs, and general managers in a broad range of industries, who are responsible for corporate social responsibility initiatives and organizational strategy. Participation in the program costs \$6,000.

<http://www.csrwire.com/article.cgi/4217.html>

<http://www.exed.hbs.edu/programs/csr/brochure.pdf>

4. Beyond Grey Pinstripes 2005 (10.19.05)

The Aspen Institute and the World Resources Institute have released Beyond Grey Pinstripes 2005: Preparing MBAs for Social and Environmental Stewardship, a ranking of business schools on how well they incorporate social and environmental issues into MBA training. The report also spotlights faculty that are integrating issues of social and environmental stewardship into business school curricula and research. The survey of business schools showed that while an increasing number of survey respondents require at least one course related to sustainability, ethics, or corporate social responsibility, few schools are integrating social and environmental topics into other required courses.

http://www.beyondgreypinstripes.org/pdf/2005_beyond_grey_pinstripes.pdf

5. Business Week Highlights Increasing Sustainability Offerings at Business Schools (07.27.05)

A recent article from Business Week entitled "It's Getting Easier Being Green," calls sustainability "the latest 'it' field for MBAs" and describes sustainability initiatives at some leading business schools. The article ascribes growing interest in sustainability to student demand and pressure from recruiters, who increasingly seek students with an understanding of sustainability.

<http://tinyurl.com/cwkyq>

New Centers and Institutes

6. New Purdue Center to Make Protecting Environment Profitable (07.27.05)

Purdue University has announced the formation of the Center for the Environment to create a focal point both for those who wish to harness the planet's resources and for those who wish to preserve them. "Our goal is to replace the traditional notion that environmental stewardship is a cost of doing business with a new paradigm - that protecting environmental integrity is essential to prosperity," says Bernard Engel, the center's interim director. This is one of four new Discovery Park centers Purdue is creating, thanks to initial funding of \$10 million from the Lilly Endowment. The funding will be spread over the first three years, after which the four centers are to become financially self-sustaining.

<http://news.uns.purdue.edu/html3month/2005/050630.Discovery.envir.html>

7. Santa Fe Community College Unveils Plans for Sustainability Center (09.14.05)

A new center at Santa Fe Community College called the Center for Community Sustainability aims to foster clean, beneficial, self-sustaining water and energy projects to shape Santa Fe's social, economic and environmental future. The center will focus on developing partnerships with private industry and training students to work in related fields. Officials hope that new businesses will use the center to see how their ideas work in a real world application. Initial projects might concern biomass or gray-water systems. The college has agreed to invest \$25,000 in the center, while the city and the county have agreed to kick in \$20,000 and \$10,000, respectively.

<http://www.freewmexican.com/news/32190.html>

8. Coastal Carolina University Announces Creation of Center for Campus and Community Sustainability (11.10.05)

On Campus Sustainability Day, Coastal Carolina University announced the creation of The Coastal Carolina University Center for Campus and Community Sustainability. Under the direction of Associate Professor of Marine Science Dan Abel, the Center will promote the practice of sustainability in all campus endeavors, including the university curriculum. "This Center represents Coastal's commitment to be a regional leader in environmental sustainability," said Dr. Abel. The Center also plans to share its expertise with the neighboring community.

<http://www.coastal.edu/newsletter/article.html?id=456>

<http://www.coastal.edu/news/story.php?id=1212>

9. University of Michigan Launches Graham Environmental Sustainability Institute (12.01.05)

A \$10.5 million sustainability initiative has been created by the University of Michigan to advance the university's position as a global academic leader in sustainability research and teaching. The Institute will leverage the University's existing programs related to sustainability by creating a cohesive, well-coordinated effort to encourage additional synergies and support new, high-impact programs. Current activity involves more than 300 faculty members, spread across seven schools, with extensive efforts in disciplines as business, engineering, science, social science, and health. The Institute will focus on five crucial areas of sustainability: energy; freshwater systems; human health and its link to the changing environment; global change and biodiversity; and infrastructure and manufacturing systems. About half the funding will go toward faculty research support for preparation of major collaborative grant applications in the five key topic areas. The funds also will be used to encourage both undergraduate and graduate studies in sustainability with new fellowships and internships, and to create integrated graduate degree programs and courses among the schools and colleges now engaged in sustainability studies. The Institute plans to be fully operational by late 2006.

<http://www.umich.edu/news/index.html?Releases/2005/Nov05/r111705a>

10. Engineers at Three Universities Create Center for Sustainable Engineering (12.08.05)

A collaborative research team led by Carnegie Mellon University's Cliff Davidson, David Allen of The University of Texas at Austin and Brad Allenby of Arizona State University plan to revolutionize the way engineering education is taught by creating a new Center for Sustainable Engineering. The center, supported by \$1.7 million from the National Science Foundation (NSF) and \$350,000 from the Environmental Protection Agency (EPA) is designed to help future engineers better manage increased stress on the world's limited resources. The Center's programs will include holding workshops to improve engineering faculty teaching, creating a Web site with peer-reviewed educational materials about sustainable engineering with Prentice Hall's Pearson Custom Publishing, and conducting a nationwide survey of sustainable engineering programs and courses to benchmark the status of education in this emerging discipline.

<http://www.cit.cmu.edu/default.aspx?id=294>

Demonstration Projects

11. Appalachian State University and Others Construct Zero Energy House (10.05.05)

Catawba Valley Habitat for Humanity and the Appalachian State University Department of Technology and Energy Center recently celebrated the completion of the first Zero Energy Home in North Carolina. The home combines state-of-the-art energy efficient construction and appliances with commercially available renewable energy systems. A solar water heating system will supply most of the hot water needs for the house and solar photovoltaic panels provide electricity for the house. A ground-source heat pump will be used to heat and cool the house. With its reduced energy needs and renewable energy systems, the house returns as much energy as it takes from the utility grid on an annual basis. The home will be used for demonstration the first year and then will become available for occupancy.

<http://faa.appstate.edu/fullnews.php?ID=131>

<http://tinyurl.com/d6fm3>

12. Green Demonstration Dorm Room Opens at UC Berkeley (11.10.05)

A green demonstration dorm room has opened at UC Berkeley. The room is stocked with ENERGY STAR appliances, organic personal-care products, and other environmentally preferable products. As a result, it uses 35 percent less energy and emits 473 fewer pounds of carbon dioxide each year than other rooms in the building. Half-hour tours of the room are being given to show students and the broader public how easy it can be to reduce energy consumption and live more sustainably. The project was funded by the U.S. Department of Energy.

<http://www.dailycal.org/article.php?id=20245>

13. Cinergy Awards Ohio University \$43,500 for Eco-House (10.05.05)

Ohio University has been awarded a \$43,500 grant to help develop the Dairy Lane Eco-House, a venue for showcasing leading edge green technologies. The Eco-House project is intended to educate and encourage students, staff, faculty and the community about how to apply such technologies to conserve energy and reduce greenhouse gas emissions in a sustainable manner. The grant monies come from Cinergy Corp.'s Greenhouse Gas Fund which invests in projects that support Cinergy's commitment to reduce its greenhouse gas emissions to 5% below 2000 levels by 2010 and keep them at that level through 2012. The university has enjoyed a long-term partnership with Cinergy Solutions. The partnership has helped Ohio University to save \$2.5 million in utility costs annually to date and maintain utility costs at 2002 levels despite rising energy costs and the addition of over 350,000 square feet of new building space. The Eco-House also received a grant from the Ohio Department of Development Office of Energy Efficiency this summer to fund the installation of a photo-voltaic array and solar thermal system which will significantly reduce the Eco-House's dependence on fossil fuel.

<http://www.ohio.edu/outlook/05-06/October/59n-056.cfm>

14. WSU Spokane Students Design and Build Green Housing for Habitat for Humanity (12.01.05)

Washington State University Spokane (WSUS) and the Northwest EcoBuilding Guild are working together with Habitat for Humanity Spokane (HFHS) to investigate future HFHS residential design solutions that are more environmentally sensitive and responsive. Students from WSUS in the disciplines of Architecture, Interior Design, and Landscape Architecture, are currently exploring a total of 16 alternative design solutions for 2 proposed single family Habitat housing sites in the City of Spokane. The intention is to select one design solution from the 16 proposals to be constructed this winter/spring using primarily student labor. Email Matt Melcher, Assistant Professor of Interior Design, at melcher [AT] wsu.edu for more information.

Other

15. New Sustainability Programs at Michigan State University (12.08.05)

The December issue of Footprints, the newsletter of Michigan State University's Office of Campus Sustainability, describes three new sustainability programs at MSU. The Office is inviting staff, students, and faculty to apply to the Stewardship Coordinator Program, which seeks to meet the university's stewardship goals in each of MSU's departments. The Coordinators will volunteer two hours per month of work time with the support of their supervisors to promote sustainability within their department. The Coordinators will also meet at least once per semester to exchange ideas, questions, and to nurture sustainability activities throughout campus. The Office also announced a new sustainable housing option at MSU. Beginning with the

fall semester of 2006, students will have the opportunity to live together with people that share their same values of environmental stewardship. The Spartan Sustainable Village will offer students a comprehensive recycling center, a community garden plot adjacent to their apartment block, onsite composting, an intergenerational and international community, and opportunities to study "green" housing. Lastly, the Office has started a Campus Sustainability Student Project Fund to provide between \$500 - \$1,500 for students to work on projects on campus and in the local community that will lead to more sustainable practices, enhance their understanding of sustainability, and develop skills associated with sustainable development.

<http://www.ecofoot.msu.edu/newsletters/footprints.newsletter.12.05.pdf>

16. Campus Green Teams Resource from Harvard Green Campus Initiative (11.10.05)

Harvard Green Campus Initiative has released a Campus Green Teams Resource to help members of other campus communities develop green living and student internship programs that result in the economic, environmental and educational benefits experienced at Harvard. Harvard's Green Living Program and Student Internship Program have produced real results including: reduced greenhouse gas emissions, decreased waste, water conservation, increased recycling, and increased purchasing of environmentally preferred products. Drawing from Harvard's experiences, this online manual provides a range of ideas, approaches and resources to assist readers in creating learning opportunities that bring students, staff and administrators together to work toward the common goal of campus sustainability.

<http://www.greencampus.harvard.edu/greenteams/>

17. Sustainability Pledge Drive underway at Harvard University (11.10.05)

The Harvard Green Campus Initiative recently announced a pledge campaign asking students, faculty and staff to commit to at least three of ten possible actions to reduce Harvard's environmental impact. To encourage participation, when more than 50 percent of a the residents or office workers in a building sign the pledge, the Green Campus Initiative will purchase enough wind energy credits to offset a quarter of that building's energy use. Actions listed as possible pledge commitments include setting your computer to go into sleep mode, purchasing environmentally preferred products, making double sided copies, using public transportation, and adjusting thermostats to save energy.

<http://www.greencampus.harvard.edu/pledge/>

<http://www.thecrimson.com/article.aspx?ref=509697>

18. Harvard University Sustainability Pledge Drive Finds Success (01.06.06)

4,300 members of the Harvard community signed the Campus Sustainability Pledge over a two-week campaign in November. The Pledgers committed to support Harvard's Campus-wide Sustainability Principles and take several of a series of individual actions designed to save energy and protect the environment. To encourage participation, the University had said it would offset 10 percent of the greenhouse gas emissions of all buildings with more than 50 percent participation in the pledge. 21 buildings reached this goal. As promised, the Harvard will offset the estimated 6.5 million pounds of greenhouse gases emissions by purchasing wind power.

<http://www.news.harvard.edu/gazette/2005/12.15/21-green.html>

<http://www.thecrimson.com/article.aspx?ref=510567>

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Anti-Sweatshop Activism

1. Students at 40 Campuses Launch New "Sweat-Free Campus" Campaign (10.12.05)

In late September, students at 40 colleges and universities announced a new national campaign to end sweatshop production of collegiate apparel. Students affiliated with United Students Against Sweatshops, a national network of student labor rights activists, are asking universities to adopt a new plan by which they will require licensees who make college-logo T-shirts, sweatshirts and caps to produce this apparel only at "sweat-free" factories where workers are paid a living wage and have been allowed to form unions and bargain collectively.

<http://releases.usnewswire.com/GetRelease.asp?id=54172>

http://www.studentsagainstsweatshops.org/campaigns/sweatfree_dday.php

2. New Wave of Campus Activism Against Sweatshops Underway (11.24.05)

A new wave of campus activism against sweatshops is sweeping colleges across the country, according to *The Nation*. In response to previous student efforts, approximately 200 colleges have adopted licensee codes of conduct that require licensees to avoid factories that don't respect workers rights and don't pay a living wage. Students, concerned that these codes of conduct are difficult to enforce, are now proposing instead that colleges require licensees to use only designated factories that do respect workers rights and pay a living wage.

<http://www.thenation.com/docprint.mhtml?i=20051128&s=dreier>

3. University of Wisconsin Announces New Approach on Sweatshops (12.15.05)

University of Wisconsin-Madison became one of the first campuses in the nation to embrace and act upon the idea of a "designated suppliers program" when it announced a pilot program requiring companies producing officially licensed apparel products to purchase at least 25 percent of their goods from factories that allow a union. Licensees producing UW-Madison logo apparel will be required to source the goods from designated suppliers - factories certified by the Workers Rights Consortium as complying with the union or free association requirement. At the end of the 18-month pilot period, the program could be expanded to include a higher percentage of goods or discontinued. "We're creating a market for goods that are produced under better conditions, model conditions," said Chancellor John Wiley.

<http://www.news.wisc.edu/11957.html>

http://badgerherald.com/news/2005/12/14/wiley_to_test_uw_app.php

Sudan Divestment

4. Harvard to Divest from PetroChina (04.13.05)

In April, Harvard University announced its intention to divest itself of an estimated \$4.4 million worth of stock in PetroChina. The move follows a several month long student campaign highlighting PetroChina's role in funding the ongoing genocide in the Darfur region of Sudan. Harvard's decision makes the University the first institutional investor to cut ties with PetroChina in response to the situation in Darfur.

http://www.news.harvard.edu/gazette/daily/2005/04/04-sudan_release.html

<http://www.thecrimson.com/article.aspx?ref=506825>

<http://tinyurl.com/59qj4>

<http://tinyurl.com/4tbap>

5. Dartmouth College to Boycott Sudan Investments (11.17.05)

The Dartmouth College Board of Trustees voted in November to direct the College's Investment Office to avoid investments in six companies deemed to be directly complicit in what the U.S. Congress and Department of State have determined to be genocide in the Darfur region of Sudan. As a result, Dartmouth will avoid investing in ABB Ltd.; Greater Nile Petroleum Operating Company, Ltd.; PetroChina Company, Ltd.; Sudanese White Nile Petroleum Company; Petroliam Nasional Bhd (Petronas); and Sinopec Corp., all of which are involved in oil drilling or oilfield services in Sudan. The College does not currently hold stock in any of these companies. The move came in response to recommendations from the board's Investment Committee and the College's Advisory Committee on Investor Responsibility.

<http://www.dartmouth.edu/~news/releases/2005/11/14.html>

Coke Boycott

6. University of Michigan Seeks Probe of Coke's Operations in Colombia and India (06.29.05)

Timothy P. Slottow, executive vice president and CFO at University of Michigan, has accepted recommendations by the University's Vendor Code of Conduct Dispute Review Board that that Coke must agree to an independent investigation of its operations in Columbia and India if wants to keep its business with University of Michigan. The recommendation comes in response to a formal complaint by students concerned about Coke's alleged complicity in violence against union members in Colombia. The complaint also cited groundwater depletion, the presence of pesticides in products, and questionable bio-solid waste disposal in India. In response, Coke says that it is willing to research its labor and business practices in India and Colombia in order to retain contracts, worth nearly \$1.3 million, with the University.

http://www.umich.edu/~urecord/0405/Jun27_05/05.shtml

<http://tinyurl.com/e2aga>

7. Campaign Against Coke Gains Momentum on Campus (10.27.05)

In mid-October, a strong majority (over two thirds) of students at McMaster University voted against the renewal or renegotiation of the exclusive contract with Coke in response to allegations that Coke is complicit in the murder and torture of trade union leaders at Coke plants in Colombia. Though the current contract with Coke doesn't expire until the end of 2007, Roger Trull, McMaster's Vice-President of University Advancement said that the student vote will be taken into consideration when the contract comes up for renewal. Meanwhile, also in response to student concerns about Coke's practices, Macalester College recently let its exclusive contract with Coca-Cola expire, opting instead for vendor that supplies a variety of soft drink brands. Several other colleges and universities have also dropped vending contracts with Coca-Cola in response to the allegations.

<http://www.thesil.ca/article.pl?sid=05/10/22/1711213&mode=thread&tid=15>

<http://tinyurl.com/9suht>

<http://www.themacweekly.com/articles/news4/news4.html>

8. NYU Gives Ultimatum to Coke Over Human Rights Concerns in Colombia (12.01.05)

The New York University Senate voted in early November to ban Coca-Cola products from campus by Dec. 8 unless the Coke cooperates with an independent

investigation into alleged human rights violations at their Colombian bottling plant. If the ban is enacted, NYU will join 19 other colleges and universities that have already enacted bans.

<http://www.nyunews.com/vnews/display.v/ART/2005/11/04/436b009692e46>

9. Coca-Cola Ban Goes Into Effect at New York University (12.15.05)

New York University has moved ahead with its previously announced ban on the sale of products produced by the Coca-Cola Company. The decision was made in accordance with a resolution passed by the New York University Senate on Nov. 3, which had given the Coca-Cola Company until Dec. 8 to agree to a third-party protocol that would lead to an "independent investigation into allegations of the Coca-Cola Company's complicity in human rights violations" in Colombia. The resolution passed by a vote of 28 to 10. On Dec. 9th, Coca-Cola products were pulled from vending machines and shelves on campus. The ban, which applies to all Coca-Cola products, including the Coca-Cola, Minute Maid, and Dasani brands, is expected to stay in place until the company addresses the charges to the University Senate's satisfaction.

http://www.nyu.edu/public_affairs/releases/detail/866

<http://www.ajc.com/business/content/business/coke/1205/09cokenyu.html>

<http://www.nyunews.com/vnews/display.v/ART/2005/12/09/4399264e25c89>

<http://www.killercoke.org/nyu1208.htm>

10. University of Michigan Suspends Contracts with Coke (01.06.06)

University of Michigan announced at the end of December that it was suspending its contracts with Coca-Cola. The move comes in response to allegations about Coke's complicity in human rights abuses in Colombia and environmental damage in India. The University had previously set a deadline of December 31st for Coke to agree to an independent investigation of the allegations. Coke and the University have been unable to agree on the terms of the investigation and the suspension went into effect on January 1st. The University's contracts with Coke were worth approximately \$1.4 million annually.

<http://www.nytimes.com/2005/12/31/business/31coke.html>

<http://www.ajc.com/business/content/business/coke/1205/30bizcoke.html>

<http://insidehighered.com/news/2006/01/03/coke>

<http://www.killercoke.org/cokeumich.pdf>

<http://www.umich.edu/~coke/>

<http://www.cokefacts.org/>

Diversity Initiatives

11. Marquette University Tries New Approach to Diversify Faculty (10.19.05)

In an effort to diversify Marquette University's faculty, Provost Madeline Wake has issued a directive notifying deans and department heads that proposed hires for full-time faculty jobs will only be approved if at least one "diverse" candidate was in the pool. Under the directive, "diverse" includes people from other countries as well as people of color. The point of the directive is to encourage departments to seek out diverse applicants and give them full consideration. Exceptions will be made in cases where a department that has made good faith attempt is unable to find diverse applicants.

<http://insidehighered.com/news/2005/10/14/marquette>

12. Yale University Sets Quantitative Diversity Goals (11.17.05)

Yale University has announced new quantitative diversity goals that it intends to meet over the next 7 years. Specifically, Yale seeks to hire at least 30 new minority scholars, a 34% increase in the number of minority faculty, as well as another 30 women faculty in fields in which they are currently underrepresented, a 20% increase in women faculty overall and an 83% increase in women faculty in departments in which they are underrepresented. Yale also announced several steps to achieve these goals. Faculty search committees will be required to designate a "diversity representative" who will be responsible for ensuring a broad and effective search. Similarly, graduate departments will also be required to appoint a "diversity representative" to seek applicants who will expand the diversity of the department and Graduate School. In addition, the University reaffirmed that, "When departments identify and bring forward outstanding minority scholars or women scholars in fields in which they are underrepresented, we will continue to ensure that the resources necessary for their hiring are made available."

<http://insidehighered.com/news/2005/11/15/yale>

http://www.yale.edu/provost/html/provost_ltr_diversity.html

Other

13. New York University Graduate Teaching Assistants Go On Strike (11.10.05)

In November, graduate teaching assistants at New York University went on strike in an effort to get the university to recognize and bargain with their union. The teaching assistants had been represented by Local 2110 of the United Automobile Workers from 2001 until August 2005 when the union contract expired and the University said it would no longer recognize the union. The University's decision to stop recognizing the union came after a July 2004 National Labor Rights Board decision to reverse a previous ruling that had given graduate assistants a legal right to unionize under the National Labor Relations Act. The University claims that it attempted to negotiate in good faith with the union and that the union "sought to insert itself in areas of academic decision-making outside its scope of representation." The union, which disputes the University's account, points to improvements in compensation for graduate assistants that have come as a result of union recognition and argues that the University should voluntarily choose to recognize the union, regardless of the NLRB decision.

<http://www.nytimes.com/2005/11/10/nyregion/10nyu-web.html>

<http://www.nyunews.com/vnews/display.v/ART/2005/11/09/4371f7d1941db>

<http://www.2110uaw.org/gsoc/>

<http://www.nyu.edu/public-affairs/gata/>

14. Higher Learning, Lower Wages: The Struggle of Service Workers on College Campuses (11.02.05)

This report, released by The Alliance for Quality Services, describes challenges faced by service workers on campus. The report provides examples of labor law violations on campuses and argues that campus service workers are frequently employed only part time, earn wages that could put them below the federal poverty line, lack employer-provided health coverage and enjoy few benefits. In addition, the report provides case studies showing that unions can improve working conditions and also that students can play a critical role in helping workers win organizing rights.

<http://tinyurl.com/dajbs> [pdf]

15. Georgetown University Offers Health Benefits for Same-Sex Partners (11.10.05)

According to a new policy adopted at Georgetown University in November, "Effective January 1, 2006 benefits eligible faculty and staff will have the option to purchase health care coverage for themselves and either a spouse or one legally domiciled adult (LDA)." An LDA is someone who has lived in the same residence as the Georgetown employee for at least 6 months, and either 1) has a close personal relationship with the employee, shares basic living expenses and is financially interdependent with the employee or 2) is a tax dependent blood relative of employee. To receive coverage under the program, the LDA also must be neither receiving other benefits nor eligible for any other group coverage.

<http://www3.georgetown.edu/hr/benefits/lda.html>

<http://insidehighered.com/news/2005/11/08/gtown>

16. University Leaders Issue Statement on Gender Equity in Higher Education (12.08.05)

Declaring that "barriers still exist to the full participation of women, not only in science and engineering, but also in academic fields throughout higher education," the leaders of nine major research universities announced in early December that they will undertake further efforts to remove those barriers. All pledged that their universities will develop academic personnel policies and institutional resources, and take steps to improve campus cultures to better support family commitments.

Signatory institutions are California Institute of Technology, Harvard University, Massachusetts Institute of Technology, Princeton University, Stanford University, University of California, Berkeley, University of Michigan, University of Pennsylvania, and Yale University.

http://www.berkeley.edu/news/media/releases/2005/12/06_pledge.shtml

http://www.berkeley.edu/news/media/releases/2005/12/06_geneq.shtml

<http://insidehighered.com/news/2005/12/07/gender>

17. Campus Compact Promotes Civic Engagement at Community Colleges and Minority-Serving Institutions (12.08.05)

In November, Campus Compact announced the appointment of two Engaged Scholars to promote civic engagement efforts at community colleges and minority-serving institutions. Dr. Donna Killian Duffy of Middlesex Community College and Dr. Rosalyn Jacobs Jones of Johnson C. Smith University will work with Campus Compact to provide resources and support for faculty who seek to deepen the practice of service-learning and to create a culture of engagement in their courses, departments, and institutions. Their responsibilities will include collaborating on key resources for the field, presenting findings of Campus Compact's work at national and state-level meetings, and facilitating collaborations with other organizations.

<http://www.compact.org/news/news-detail.php?viewstory=3737>

4. Green Building

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Green Building Policies

1. University of Vermont Adopts Green Building Policy (09.07.05)

University of Vermont President Daniel Mark Fogel formally signed the University's new green building policy at a Convocation ceremony last week. The policy states that all new buildings and major renovations must, at a minimum, be equivalent to LEED certification. The policy also recommends that the university purchase Vermont goods and services whenever "possible and financially feasible." Making sure our building practices are environmentally sound and sustainable is a vital part of UVM's goal of becoming the nation's leading environmental university," President Fogel said. "The new policy is important in several respects. It shows we are acting on our principles, not just talking about them; it contributes to the excellence of our academic program in the environment, since students will be able to observe first hand how green buildings are designed and built; it connects us with the Vermont community; and it enables us to continue to play a leadership role in higher education on environmental issues."

<http://www.uvm.edu/news/?Page=News&storyID=6606>

<http://www.uvm.edu/%7Euvmpg/ppg/facil/greenbuilding.html>

2. Syracuse University Adopts Green Building Policy (11.10.05)

Syracuse University has announced that it will seek LEED certification on all new construction and renovation projects costing \$10 million or more. The University will still follow the LEED framework on projects costing less than \$10 million, but may not seek certification. The University will also pursue LEED Platinum certification for construction of the Syracuse Center of Excellence in Environmental and Energy Systems' campus headquarters. Chancellor Nancy Cantor made the announcement at the US Green Building Council's Greenbuild International Conference & Expo taking place this week in Atlanta. In addition, the University is also one of nine organizations that will work with the USGBC to develop a new program LEED portfolio performance program that will help owners improve their environmental performance across an entire portfolio of buildings. In related news, the University recently partnered with the State University College of Environmental Science and Forestry to create an Energy Council with members from both schools to help educate the campus community about energy issues.

<http://sunews.syr.edu/11080503.htm>

<http://tinyurl.com/b88ma>

<http://sunews.syr.edu/11010511.htm>

3. University of South Carolina President Wants Green Building Policy (10.19.05)

As a result of the success of the University of South Carolina's LEED Silver-certified West Quad buildings, USC president Andrew Sorensen is planning to ask the Board of Trustees to adopt a green building policy. The buildings, which cost about the same to build as similar conventional buildings would, are expected to save the university \$60,000 to \$80,000 annually, mostly in avoided energy costs. Green features in the West Quad buildings include the largest solar hot-water system in the United States, permeable pavement, and a hydrogen fuel cell. State Representative Joan Brady, a Republican from Columbia, has also been impressed with West Quad and has announced plans to introduce legislation requiring all new, state-funded buildings to meet LEED standards.

<http://www.thestate.com/mld/thestate/news/local/12898121.htm>

4. WA Requires All State-Funded Buildings to be LEED Silver (04.20.05)

Under the terms of a law signed by Governor Gregoire on April 8th, state-funded colleges and universities in Washington state are required to design, construct and certify all "major facility projects" receiving state funding to at least the LEED silver standard. Under the law, a major facilities project is a construction project larger than five thousand gross square feet or a building renovation project when the cost is greater than fifty percent of the assessed value and the project is larger than five thousand gross square feet. Washington is the first state to approve such legislation requiring all state-funded buildings to meet green building standards.

<http://tinyurl.com/8fkks>

<http://tinyurl.com/7hm99> (pdf)

5. Coastal Carolina University Faculty Senate Adopts High Performance Building Initiative (12.15.05)

The Faculty Senate at Coastal Carolina University unanimously adopted a High Performance Building Initiative. The resolution, which passed with the support of the upper administration, calls for all new construction at Coastal Carolina University and its satellite campuses to be LEED-certified with a target of silver or higher. The resolution also calls for all renovations to be LEED-certified with a target of silver or higher. Contact Daniel C. Abel (dabel [AT] coastal.edu) for more information.

Green Building Certifications (LEED, BREEAM)

6. Clemson University Building is First LEED Silver Public Facility in South Carolina (07.20.05)

Clemson University's Advanced Materials Research Laboratory in Anderson County has become the first public facility in South Carolina to receive a Leadership in Energy and Environmental Design silver certification. In 2003, University President Jim Barker pledged all major capital improvement projects at Clemson would pursue LEED silver certification. The newly renovated fraternity quad on campus, slated for completion next month, also was built to meet LEED silver requirements.

http://clemsonews.clemson.edu/WWW_releases/2005/July/Leed.html

7. Lewis & Clark Residence Hall Awarded LEED Silver (03.01.05)

Roberts Residence Hall at Lewis & Clark College in Portland OR has been awarded a LEED v2 Silver certification by the U.S. Green Building Council. It is the first building to be LEED-certified at Lewis & Clark. The LEED (Leadership in Energy and Environmental Design) Green Building Rating System is a voluntary, consensus-based national standard for developing high-performance, sustainable buildings established by the U.S. Green Building Council.

<http://www.lclark.edu/cgi-bin/shownews.cgi?1107448440.0>

8. UO's LEED Silver Lillis Business Complex is Greenest Business School Facility in US (05.11.05)

The Lillis Business Complex at the University of Oregon's Lundquist College of Business has been certified by the US Green Building Council as LEED Silver, ranking it higher than any other business school facility in the US. Among other green design features like sustainably-harvested wood and an eco-roof, the building includes the largest installation of architectural solar glass (photovoltaic panels embedded in glass walls) in the Northwest.

<http://lcb.uoregon.edu/news/news.php?issue=050105&story=leed>

9. University of South Carolina Residence Hall Receives LEED Silver Certification (09.14.05)

The University of South Carolina's West Quad residence hall, believed to be the world's largest "green dorm," has earned Silver LEED certification by the U.S. Green Building Council. More than 500 students live in West Quad, which opened in fall 2004. The 172,000-square-foot complex includes three four-story buildings and a Learning Center with a green roof where university classes are taught and environmentally related events and programs are held. The residence hall, which cost \$30.9 million, was built for the same cost as a traditional residence hall. USC's new Arnold School of Public Health, scheduled to open in 2006, is adhering to sustainable principles, with the goal of earning LEED certification, and additions to the Thomas Cooper Library also will be green.

<http://uscnews.sc.edu/stud212.html>

10. Kean University Completes LEED-Certified Building (01.26.05)

Kean University recently completed the Center for Academic Success, one of the first higher-education buildings in the state of New Jersey to receive LEED (Leadership in Energy and Environmental Design) certification by the U.S. Green Building Council. Among its features, the building utilizes high-tech photovoltaic (solar-collector) panels to convert solar power to electricity for consumption in the building.

http://www.kean.edu/pressreleases/2005/02_10_05_cas.html

11. L.A. Community College Building is First in U.S. to Receive BREEAM Certification (12.08.05)

The Los Angeles Community College District has announced that its historic Van de Kamp Bakery Building has become the first construction conversion project in the U.S. to achieve a Building Research Establishment Environmental Assessment Method (BREEAM) rating. The building will become the Northeast Center of Los Angeles City College. The U.K.-based BREEAM seeks to minimize the adverse effects of new buildings on the environment while promoting healthy indoor conditions for the occupants. The environmental impacts of a new building, such as energy use, waste disposal transportation concerns and water usage, are assessed at the design stage. The Van de Kamp building will also be built to LEED certified standards, and is believed to be the first building in the world to seek both BREEAM and LEED certification.

<http://www.gnet.org/news/newsdetail.cfm?NewsID=29417&image1=2>

<http://www.breeam.org/>

Green Building Openings

12. Oregon State University Opens Green Engineering Building (11.02.05)

Oregon State University recently opened the Kelley Engineering Center, which the University believes may be the "greenest" academic engineering building in the nation. Built to LEED Gold standards, the building features natural ventilation; earth-friendly concrete; bio-planters to recycle runoff; bicycle parking and showers; local construction materials; and low-toxicity finishes, fiberboard, and flooring. Big windows, skylights and a four-story atrium provide natural light that is expected to reduce energy costs by as much as 40 percent. In addition, over 90 percent of the original materials on site were recycled.

http://www.gazettetimes.com/articles/2005/10/30/news/top_story/news01.txt

<http://enr.oregonstate.edu/top25/building/green.html>

13. Yale University Opens Two New Green Buildings (11.02.05)

Yale University recently opened two new green buildings, the Malone Engineering Center and Chemistry Research Building. Both were constructed to meet LEED certification standards. Green building features in the Malone Center include: using treated wastewater to flush toilets; preconditioning incoming fresh air with recovered waste heat and cooling from exhaust air; daylight sensors that dim electrical lighting accordingly; and ozone safe refrigerants. In addition, three quarters of the construction waste was recycled and many materials were purchased locally. Similarly, the Chemistry Research Building features heat recovery, improved the indoor air quality, storm water treatment, and the usage of air conditioning condensate to for landscape irrigation. Both buildings incorporate variable fume hoods and occupancy sensors to minimize unnecessary ventilation and lighting. Yale recently revised its Design Standards to require all new construction and renovation projects to meet LEED Silver criteria.

<http://www.yaledailynews.com/article.asp?AID=30520>

<http://www.yale.edu/opa/v34.n8/story1.html>

14. UCLA Opens First Green Building (06.29.05)

UCLA recently completed LaKretz Hall, its first green building. Green features include using steel containing 80 percent recycled material, interior and exterior lighting fixtures that minimize impact on the nocturnal environment, and a specialized air system supplies ventilation from the floor instead of ceiling thereby reducing electricity usage. In addition, an already-existing 5-million-gallon water tank was used as the foundation for the new building, thereby avoiding the environmental impact of developing a new site.

<http://www.dailybruin.ucla.edu/news/articles.asp?id=33839>

15. Penn State Opens Architecture Building Designed for LEED Gold (08.24.05)

Penn State's new building for the School of Architecture and Landscape Architecture is designed to meet LEED Gold standards. Green building innovations include: a parking lot designed to slow water runoff, energy-saving sensor lights that turn off when no one is in the area, carpet with high recycled content, recycled copper, and refinished furniture. The building's thin design means more natural lighting and cross-ventilation and that fewer trees that were cut down to make room for it. In addition, more than 80 percent of the waste from construction was recycled. Campus officials believe that the building's \$27.6 million price is probably higher than if the university had built it without the green innovations, but they believe that it will mean savings in the long run, in addition to reducing the impact on the environment. The university's goal is to have all major buildings receive LEED certification.

<http://www.centredaily.com/mld/centredaily/12442711.htm>

16. New Green Building for Florida Atlantic University's College of Nursing (07.27.05)

A new 75,000-square-foot College of Nursing on Florida Atlantic University's campus incorporates the guidelines of the Leadership in Energy and Environmental Design and the principles of feng shui. The result is an environmentally responsible building with lots of natural light, curved walls, carefully chosen colors and spaces for meditation.

http://www.schenkelshultz.com/news/FAU_College_of_Nursing.pdf

17. LEED Gold Building Opens at École Polytechnique de Montréal (10.05.05)

L'École Polytechnique de Montréal, an engineering school affiliated with the Université de Montréal, recently opened the first LEED Gold building in Québec. In winter the building will be partially heated through the recovery of gases from the chimney of the school's main building. With energy-efficient lighting, interior sensors that automatically shut off lights and air conditioning in peripheral locations when not in use, and a green roof composed of grass and reflective white stone, the buildings' energy performance is expected to be about 60% higher than the standard set by the Model National Energy Code for Buildings. Two large reservoirs underneath the building harvest rainwater and drainage water for reuse in the sanitation system resulting in a 92% reduction in the consumption of drinking water. Other green features include: the promotion of environmentally preferable modes of transport through bike racks, outlets for electric vehicles, and priority parking for car-poolers; the use of paint, coverings, furnishings and doors that emit little or no volatile organic compounds or urea formaldehyde; and mechanical systems using HFC-134a to minimize damage to the ozone. In addition, the project's waste management program enabled over 80% of the construction waste to be recuperated.

<http://www.polymtl.ca/carrefour/en/article.php?no=2082>

18. Northwestern University to Dedicate its First Building Designed for LEED Certification (09.22.05)

Northwestern University will dedicate its first building designed for LEED certification in early October. The six-story, 84,000-square-foot Engineering Design Center is expected to use 20 percent less energy than a conventional building. Although two of the six floors are below ground, more than 75 percent of the building's interior spaces will receive natural light. In addition, many of the materials used to construct the building have recycled content and a light-reflective roof reduces the building's contribution to the heat island effect. The involvement of Engineering students in the building's planning contributed to the adoption of these green features. "Our students expect us to incorporate environmentally sustainable principles into our thinking and planning for the future -- it is part of their culture," said Julio M. Ottino, Dean of the School of Engineering and Applied Science.

<http://www.northwestern.edu/newscenter/stories/2005/09/mccormick.html>

<http://tinyurl.com/7jp35>

19. Ontario's First Green Residence Hall at York University (06.01.05)

A recent *Globe and Mail* article highlights York University's new Pond Road Residence, Ontario's first green residence hall. Sustainable features of the residence hall include: a living roof, radiant slab heating and cooling on all floors, Heat Mirror windows, a grey-water heat recovery system that uses the shower's hot draining water to heat incoming cold water, and a system that recovers heated air from rooftop exhaust vents.

<http://tinyurl.com/9l6kw>

Green Buildings In Progress

20. Goshen College Building LEED-Platinum Eco-Village (11.10.05)

Construction of Rieth Village is underway at Goshen College in Indiana. The initial phase of development includes the construction of two cottages and a classroom/office building. The buildings are being built within the Merry Lea Environmental Learning Center, an 1100 acre nature preserve owned by the College. The project incorporates a wide range of sustainability features, including: ground-

source heat pumps for heating and cooling; on-site wetland treatment of wastewater; recycled and locally-produced building materials; solar water heaters; rainwater used to flush toilets; landscaping with native plants; and pervious driveways and parking lots, among other . In addition, a 10 kW onsite wind turbine will generate about 30% of the buildings' electricity needs. Overall, the buildings are expected to use only about 70 percent less energy than similar conventional buildings. In later phases, the College plans to add a 20,000-square foot academic building and four more cottages. One or more of the buildings are expected to be certified under LEED- Platinum standards.

<http://tinyurl.com/9kszu>

<http://www.goshen.edu/merrylea/collegiate/riethvillage.html>

<http://www.goshen.edu/merrylea/collegiate/CHomeFinal.html>

21. Sierra Nevada College and UC Davis Collaborate on LEED Platinum Tahoe Center of Environmental Sciences (08.10.05)

In a unique form of intercollegiate collaboration, Sierra Nevada College and UC Davis are working together to build and create the Tahoe Center of Environmental Sciences. When completed in August 2006, the building will house SNC and UC Davis faculty and students. New research equipment will also be utilized by partners such as University of Nevada's Desert Research Institute as well as Scripps Institution of Oceanography. SNC is seeking a "Platinum" Leadership in Energy and Environmental Design (LEED) certification for the building, which will be powered in part with solar photovoltaic panels. "What makes it a wonderful project is that it crosses not only state lines, but it combines public and private education efforts," said SNC President Paul Ranslow.

<http://www.tahoebonanza.com/article/20050805/News/108050028>

22. Lewis and Clark Community College Receives Grant to Pursue LEED Gold Certification (12.01.05)

Lewis and Clark Community College has been awarded a grant of \$135,000 from the Illinois Clean Energy Community Foundation to help achieve LEED-Gold certification of the National Great Rivers Research and Education Center. The building will serve as a location for research on river ecology, watershed and river management strategies, and educational programs for students and the public about these issues. If certified, it will be the first LEED-Gold certified educational facility in Illinois.

<http://www.lc.edu/Press.nsf/ILCleanEnergyGrant05.pdf>

23. PSU Students Vote to Pay Extra for LEED Gold Recreation Center (06.29.05)

A majority of Portland State University students who participated in a recent survey said that they support the construction of a new campus recreation center and want the building to be environmentally sustainable. Of the 2,624 students who participated in the 10-day survey sponsored by Portland State Campus Recreation, 77.5 percent said that they would pay an extra \$2 per term for the building to have LEED Gold certification.

<http://www.dailyvanguard.com/vnews/display.v/ART/2005/06/29/42c32c3d4b645>

24. Saint Louis University Seeking LEED Silver Certification on Biomedical Research Building (12.15.05)

Saint Louis University is seeking LEED Silver certification on its new biomedical Research Building. Green features of the building include significant natural lighting, a green roof, bike facilities and recycled building materials.

<http://www.slu.edu/readstory/more/6323>

25. University of Illinois Urbana-Champaign Planning First Green Building (09.07.05)

The new College of Business building at University of Illinois Urbana-Champaign is designed to be environmentally friendly, reduce operating costs and provide a comfortable and healthy place to work. The building will be 40 percent to 50 percent more energy-efficient than other campus buildings of comparable size. To achieve this, it will have more insulation, including triple-pane windows and will use a displacement air system, which relies on thermodynamics to move cool and warm air more efficiently than a forced air system. A green roof over portions of the building will also help with insulation. There will be exterior windows in nearly every room, and photo sensors will dim the lights gradually as more daylight enters a room. A roof overhang will reduce glare and heat from the sun in an atrium on the south side of the building. Plans also call for solar panels on the auditorium roof. Construction is scheduled to start next spring.

<http://www.news-gazette.com/localnews/story.cfm?Number=18909>

26. Laramie County Community College's New Campus to Include Energy Innovations (08.17.05)

Laramie County Community College's new Albany County campus will be energy-efficient, helping to save money and improve teaching opportunities related to renewable energy. Slated to open in January 2006, the new facility at 1125 Boulder Drive will feature photovoltaic electricity generation, a wind turbine, ground source heat, and structural insulated panels. In addition, lighting in classrooms will be automatically controlled by how much natural light is available, which helps to save energy. The college hopes to save up to \$40,000 a year on energy expenses, using that money instead for education. The Albany County campus received a grant of nearly \$900,000 from the Wyoming Business Council and the U.S. Department of Energy to assist in the building specifically because of the green technology it utilizes. LCCC will work with the University of Wyoming to collect data on how well the green technologies are working. If the project receives LEED certification, it will be the first LEED certified building in the state.

<http://www.laramieboomerang.com/news/more.asp?StoryID=103817>

27. APS Gives Northern Arizona University \$1M for New Green Building, Scholarships (07.13.05)

The Arizona Public Service Foundation has presented Northern Arizona University with a \$1 million gift to be used toward construction of the university's Applied Research and Development building and to provide scholarships and internships for students. The building will showcase the latest innovations in high performance construction technology, energy efficient design and use of renewable energy resources. It is designed to meet the highest "Platinum" rating of the U.S. Green Building Council's Leadership in Energy and Environmental Design system. The ARD building will be one of only five Platinum LEED facilities in the world. The facility will house several NAU environmental and community partnership programs. The building will also serve as a hub for campus sustainability efforts and provide opportunities for student environmental projects. The LEED certification application will include the construction and installation of a 160-kilowatt photovoltaic system that will provide at least 20 percent of the electricity for the ARD building.

<http://tinyurl.com/anutx>

<http://phoenix.bizjournals.com/phoenix/stories/2005/06/13/daily54.html>

28. University of North Florida Begins Construction on Social Science Building Designed for LEED Silver (09.22.05)

The University of North Florida recently began construction on a new 63,000-square-foot Social Sciences building. The University intends to seek LEED Silver certification for the building, which is expected to be complete in late 2006. If it receives certification, it will be the first LEED-certified building in Jacksonville, FL. Green features incorporated into the building include: waterless urinals, hypo-allergenic carpeting, use of natural light, and energy-efficient heating and mechanical systems. According to UNF's Facilities Planning Director, Zak Ovadia, "Every one of our projects from here on out will be LEED certified." "It is a silent policy at least on my part to have LEED on all our buildings," he said.

http://www.cpnonline.com/cpn/article_display.jsp?vnu_content_id=1001140207

29. University of British Columbia Building Green Residential Apartment (09.22.05)

Clement's Green, a four-storey, 55-unit residential apartment building at the University of British Columbia is being designed in accordance with the Residential Environmental Assessment Program (REAP). REAP is a rating system for residential building performance developed by the University. REAP is similar to LEED but is customized to residential construction in UBC's bioregion. Clement's Green will incorporate a geothermal water heating system, dual flush toilets, and Energy Star appliances. The development is part of UBC's strategy to create a live-work community, in which people work on campus partner with the University to create nearby living spaces to be sold to University employees at costs below market rate. This strategy is designed to reduce commuting and increase community.

<http://www.canadianarchitect.com/article.asp?id=47462&issue=09142005>

30. Building Green at Harford Community College (08.24.05)

Harford Community College is engaged in several green building initiatives. This summer, the college planted three new green roofs, including one for demonstration and education that will be about 4 feet off the ground, so visitors can see it. Other green building technologies at the College is including in some of its projects are a rainwater collection system that will gather water for some of the flushing systems; energy-efficient windows and lighting; urinals that don't use water; recycled carpet; and a pond that will manage and treat stormwater runoff. In addition, a portion of the demolition debris is going to recycling centers instead of landfills. The College is seeking LEED Gold certification for one project and standard LEED certification for another. "We believe teaching occurs inside the classroom and outside the classroom," says Deborah Wrobel, Dean of Nursing, Allied Health and Science. "We're going to be teaching people what it means to be a green building."

<http://tinyurl.com/8nbf2>

31. Stanford Student Group Hires Design Firm for Green Dorm Project (10.05.05)

The Stanford Green Dorm Project, a student group working towards the construction of a state-of-the-art sustainable residence hall on campus, recently hired EHDD Architects to conduct a feasibility study of the project. The study, which was approved by the Provost, is expected to be finished this winter. The firm was selected in part because of its willingness to work with students and faculty in the Department of Civil and Environmental Engineering throughout the design process. The goals of the project are to be a model to educate people about sustainable living and to demonstrate that sustainable design is cost effective.

http://daily.stanford.edu/tempo?page=content&id=17870&repository=0001_article

Green Roofs

32. University of Wisconsin-Stevens Point Installs Green Roof (07.27.05)

University of Wisconsin-Stevens Point recently installed a 6,000 square-foot green roof on the Albertson Learning Resources Center. The system of hearty, shallow-rooted, drought-resistant plants and soil that make up the green roof will absorb rain water that would otherwise runoff into local bodies of water, along with any pollutants it picks up along the way. In addition, the roof will help cool the building since don't absorb as much heat as other rooftop surfaces. Maintenance for the roof is expected to be minimal. "It's good for the environment, it's good for energy conservation, and it's a good instructional resource for several of our programs here at the university," says Larry Beck, director of facilities services at UWSP.

<http://www.wisinfo.com/journal/spjlocal/283816751245610.shtml>

33. Green Roof in Progress at SUNY College of Environmental Science and Forestry (09.14.05)

For the past three weeks, workers from Lichtenfels Nursery of Johnstown, Pa. have been working on top of Walter's Hall on the State University of New York College of Environmental Science and Forestry campus to create a green roof. The roof is expected to retain up to 60 percent of the precipitation that falls on it and will improve roof insulation as well as extend the life of roofing materials underneath. It will cover more than 7,000 square feet, excluding a 2-foot-wide walkway that will run along the edge, and will cost \$8 to \$12 per square foot. "Yes, it is more costly," said SUNY-ESF President Dr. Neil Murphy, "But we decided that the benefits, like insulation, cooling and storm-water flow were strong merits that mattered to us, and there was a lot of campus interest."

<http://tinyurl.com/ddh4n>

34. Temple University and Southern Illinois University Edwardsville Study Green Roofs (09.22.05)

In early October, Temple University will unveil a green roof on a new athletic building. The roof will be used for research purposes by students and faculty from the Department Landscape Architecture and Horticulture. Proposed research focuses on which plants work best in Pennsylvania's climate as well as the impact of the roof on energy consumption and water retention. The roof was funded with \$50,000 grant from PECO, a Pennsylvania utility. At Southern Illinois University Edwardsville, faculty and students have set up green roof models in an effort to find plants that can survive year-round in the Midwest.

<http://www.temple.edu/ambler/news/0506releases/9-greenroof.htm>

<http://www.belleville.com/mld/belleville/news/local/12639881.htm>

Statewide Overviews of Campus Green Buildings

35. New York Campuses Building Green (08.31.05)

Many colleges and universities based in New York are engaged in green building projects. Cornell University recently opened the first LEED certified dormitory in the state and both Hamilton College and the State University College at Cortland are seeking to have new dormitories certified. Ithaca College and Syracuse University have announced plans to seek the highest possible certification rating, platinum, for new buildings they have in the works. SUNY Oswego is building a new campus center and has four buildings under renovation that will comply with LEED standards, though the school won't seek certification. The Cornell building, the Cook House,

features a green roof and real linoleum, which is made from a mix of natural products including linseed oil and cork dust rather than vinyl. The building's air conditioning system uses the cold water from a nearby lake rather than a chemical system and only public spaces are air conditioned. The housekeeping staff uses nontoxic cleaners and mops and cloths that are laundered rather than thrown away. In addition, instead of throwing leftover food, the Cook House dining hall puts the leftovers in a pantry for students to eat later.

<http://tinyurl.com/azcms>

36. Green Building on Michigan Campuses (12.15.05)

Green building projects are underway at the University of Michigan, Lawrence Technological University and Albion College. At the University of Michigan, the Dana Building includes sunflower seed hull cabinets, bamboo floors, solar panels and composting toilets while the new Ross Business School will have a green roof. An almost finished student center at Lawrence Technological University will use a third of the energy used by a conventional building and features a geothermal heating system, green roof and waterless urinals. Meanwhile, a renovation project at Albion College will increase natural light and boost energy efficiency.

<http://www.freep.com/apps/pbcs.dll/article?AID=/20051212/NEWS05/512120340>

37. Ohio Campuses Building Green (07.20.05)

Spurred on by student input and future savings, Ohio colleges are keeping the environment in mind when they build new facilities. The University of Cincinnati, Oberlin and the Art Academy of Cincinnati are all pursuing LEED certification for various projects. Each residential house in a new complex at Case Western Reserve University has a kiosk that will display statistics on the building's energy use. Oberlin College has a wireless monitoring system in four residence halls and plans to expand the system. Cleveland State officials said the school will save about \$300,000 in energy costs with a geothermal heating and cooling system in the new \$14 million administrative center and graduate studies buildings, which are expected to be completed next year.

<http://tinyurl.com/939br>

Green Building Resources

38. UB High Performance Building Guidelines Released (01.19.05)

Two years in the making, the University at Buffalo, SUNY (UB) has just published its "UB High Performance Building Guidelines." This 150-page manual is intended to advance UB's commitment to the principles of green design as well as serve as an important resource for other schools and state agencies as well as for architects, designers, and engineers interested in strengthening this critical aspect of their practices. The UB High Performance Building Guidelines is a comprehensive document which addresses both the green design process and the technical strategies necessary to apply the principles of green design to new construction and renovation projects. It includes a in-depth look at (and an exhaustive listing of technical strategies associated with) sustainable site selection and design, the use of solar energy and daylighting, optimized energy and mechanical systems, energy efficient lighting, water conservation, environmentally friendly materials and resources, indoor environmental quality, and green building construction management and commissioning.

<http://wings.buffalo.edu/ubgreen/leos/ubhpguidelines.pdf>

39. Engineering a Sustainable World: Platinum LEED on a Conventional Budget (11.17.05)

Interface Engineering has released a free 48-page book describing the engineering principles behind its engineering of Oregon Health & Science University's Center for Health and Healing, a 16-story, 400,000 sq. ft. structure that is on track to achieving LEED Platinum certification upon completion in summer 2006. The building is expected to be 61% more energy efficient than required by Oregon code and will use 54% less potable water than similar conventional building. In addition, the building will incorporate 100% on-site sewage treatment. Other green building features include: sunshades that double as solar power generators; solar water heating, the first large-scale on-site micro-turbine plant in Oregon to generate electricity; natural ventilation; displacement ventilation; radiant cooling; the first U.S.-use of chilled beams to replace air conditioning, and rainwater and wastewater reuse for toilets and landscaping. Calling into question the belief that green building is necessarily more expensive, the net mechanical and electrical systems costs are 10 percent under the \$30 million allotted based on a conventional design. As a public service, Interface will send out free copies to interested individuals at no charge.

http://www.interfaceengineering.com/pdfs/news/press-kit/OHSU_press-release.pdf
http://www.interfaceengineering.com/portfolio/green_building/book/book_order.php

40. Turner Green Building Survey Released, Focuses on Educational Facilities (11.02.05)

The Turner Construction Company recently released the findings of its survey of 665 building owners, developers, architects, engineers, corporate owner- occupants, consultants and educational institutions on green building issues. This year's survey placed a special focus on green educational facilities - both K-12 and higher educational facilities. Executives reported that green higher educational facilities performed much better than traditional facilities on a range of potential benefits. Specifically, 70 percent of executives at organizations involved with Green college and university facilities said green facilities help attract and retain both faculty and students while 59 percent felt that green facilities improve student performance. In addition, 59 percent also believed that green facilities increase the ability to secure research funding. The survey also showed that while almost three-quarters of executives said that colleges and universities typically considered total lifecycle costs when constructing new facilities, only 5% of these executives said that total lifecycle costs were seen as most important, while 57% said the greatest emphasis was still placed on initial costs.

<http://www.turnerconstruction.com/corporate/content.asp?d=4919>

41. New Book: Ecological Design and Building Schools (08.10.05)

The only directory of its kind, *Ecological Design and Building Schools: Green Guide to Educational Opportunities in the United States and Canada*, is a comprehensive, illustrated guide featuring an annotated listing of schools and educational centers offering programs in "green" building design and construction. Also included are: a 20-year overview of sustainable design educational initiatives, tables comparing school programs, and selected listings of curriculum resources, related organizations, textbooks, and individual instructors. Author Sandra Leibowitz Earley is a registered LEED-accredited architect who focuses on greener solutions for the built environment. The book will be available September 2005 at the list price of \$19.95.

http://www.newvillagepress.net/pub_EcoDesignSchools.html

42. 25 Simple Things Universities Can Do To Create High Performance Buildings (03.30.05)

EFS West's Green Building and Design Working Group has produced a list of easy steps colleges and universities can take to design and construct high performance, green buildings. The document serves as a useful how-to for schools working to create more sustainable buildings.

<http://www.efswest.org/working/25things.doc>

43. The HOK Guidebook to Sustainable Design, 2nd Edition (11.24.05)

The newly revised and expanded HOK Guidebook to Sustainable Design is a reference guide on the integration of sustainable, high performance design. The guide provides checklists of issues to consider at each stage of the design process, accompanied by detailed how-to guidance. Issues and design strategies related to site planning and design, energy and water conservation, materials selection and specification, and interior environmental quality are also covered.

<http://www.wiley.com/WileyCDA/WileyTitle/productCd-0471696137.html>

Other

44. UW Tacoma Named One of America's Best New Developments by Sierra Club (12.08.05)

The Sierra Club has named University of Washington, Tacoma one of America's best new development projects. The University, which opened in 1997, was recognized along 11 other developments for enhancing neighborhoods and the environment by reusing existing space and creating accessible places to live and work. The report praises the University of Washington system for choosing to locate the campus in downtown Tacoma rather than a suburban location. The University is credited for reduced crime, increased economic activity, protected historically significant buildings, and created an area where it is easy to walk and use public transportation.

<http://www.tacoma.washington.edu/news/120105.html>

<http://www.sierraclub.org/sprawl/report05/>

45. Campuses Receive AIA/COTE 2005 Green Project Awards (05.04.05)

The American Institute of Architects Committee on the Environment has awarded eight Green Project Awards for outstanding sustainable design. Of the eight awards, four went to higher education buildings. The Evergreen State College, Stanford University, University of Florida, and Sarah Lawrence College are the proud owners of the winning buildings. A profile of each building and its sustainable features is available on the award website.

<http://www.aiatopten.org/hpb/index.cfm>

46. Ecological Literacy in Architecture Education Award Winners Announced (06.15.05)

The American Institute of Architects Committee on the Environment has announced the winners of its Ecological Literacy in Architecture Education grants. The California Polytechnic State University College of Architecture and Environmental Design, the University of Wisconsin–Milwaukee School of Architecture and Urban Planning, and the University of Tennessee College of Architecture and Design were recognized for their immersion of ecological literacy concepts with \$3,000 grants.

http://calpolynews.calpoly.edu/news_releases/2005/june_05/Edes_award.htm

http://www.uwm.edu/News/PR/05.08/arch_awards.html

47. Cal. State Northridge Retrofits Student Union with Green Building Innovations (08.17.05)

CSU Northridge has been renovating some of its Student Union buildings and is showing how sustainability measures can also save money. Installing waterless urinals in one of the buildings resulted in a 35 percent reduction in water consumption and saves the University \$10-15,000 a year, depending on the annual cost of water. Replacing paper towels with high efficiency hand dryers created further savings. Other green features include high efficiency lighting, electronic monitoring of air conditioning and lighting, and landscaping that doesn't require a lot of water.

<http://www.csemag.com/article/CA634909.html?industryid=23640>

48. Penn State Salvaging Building Materials (08.03.05)

The Center for Sustainability at Penn State is working with the Office of Physical Plant (OPP) to save windows, doors and flooring from soon-to-be-demolished campus buildings. The saved materials will be used for many purposes, including faculty research and student design exercises. Some materials will also be donated to non-profit organizations such as Habitat for Humanity. Other materials, such as brick salvaged from the buildings, will be used for alumni fundraising. Light fixtures, drafting tables, stools and desks and other furnishings from inside the buildings were collected and sold in an on-campus yard sale. The sale raised nearly \$4,000, which will be given to the Center for Sustainability. "There's nothing in this building that can't be salvaged and reused," says James Kalsbeek, project coordinator and an associate architecture professor. "We dream someday that it will become normal that when a building is torn down, the university will reuse and not throw stuff away."

<http://www.collegian.psu.edu/archive/2005/07/07-26-05tdc/07-26-05dnews-03.asp>

49. University of Oregon Professor Receives USGBC Research Award (11.10.05)

The U.S. Green Building Council recently announced the 2005 recipients of the Fourth Annual Leadership Awards. G. Z. Brown, professor of architecture and director of the University of Oregon Energy Studies in Buildings Laboratory, was selected to receive the Research Leadership Award. Brown, a long-time proponent of sustainable building practices, was principally responsible for integrating sustainability into the University of Oregon School of Architecture curriculum.

http://www.usgbc.org/News/usgbcnews_details.asp?ID=1938

50. Berea College Ecovillage Profiled (06.22.05)

The Berea College Ecovillage is profiled in the summer 2005 issues of Yes! Magazine. Completed in 2003, the Ecovillage is comprised of 32 new and 18 renovated townhouse apartments, a commons house with a meeting room and laundry for residents; the Sustainability & Environmental Studies (SENS) house, which houses four students and an education center; and the Child Development Lab, a teaching and research childcare facility for 118 children. All wastewater produced onsite is treated in a "living machine"—a series of tanks filled with aquatic plants, fish, and microorganisms that purify the wastewater. In addition, the college has set ambitious goals of reducing energy and water use by 75 percent compared to the regional average and reducing waste generation by at least 50 percent through recycling and composting.

<http://www.yesmagazine.org/article.asp?ID=1259>

51. UC Merced Featured in Building Design and Construction (09.28.05)

The current issue of Building Design and Construction features UC Merced, the new University of California campus. UC Merced is seeking LEED Silver certification for the whole campus. The article describes some of the difficulties faced by contractors working to meet this goal. UC Merced is working with the U.S. Green Building Council to develop a process for bulk certification of institutional buildings that would be more cost-effective than certification of each individual project.

<http://www.bdcnetwork.com/article/CA6256211.html>

52. University of Florida's LEED Gold Rinker Hall Profiled (03.16.05)

Rinker Hall, the new home for the University of Florida's School of Building Construction has achieved LEED Gold rating from the US Green Building Council. The new building has become a useful teaching tool for architecture and building construction students. Overall, the building is projected to use 30% less water and 47% less energy than a similar conventional building. While Rinker Hall cost more than a comparable conventional structure, the University expects to recover the additional costs within six years through energy savings.

http://www.architectureweek.com/2005/0309/environment_1-1.html

5. Energy & Climate

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Climate Protection

1. Energy Action to Launch Campus Climate Challenge (10.05.05)

Energy Action, a coalition of 29 leading environmental and social justice networks, will launch the Campus Climate Challenge on October 19th. The Challenge is an initiative to engage students, faculty and staff at 500 college campuses in the U.S. and Canada in a long-term effort to eliminate global warming pollution. To make the launch a success, the coalition is asking campuses to register now to participate in the Challenge. Registered participants will receive access to resources, tools and other campus groups across the continent.

<http://www.campusclimatechallenge.org>

2. Yale University Announces Greenhouse Gas Reduction and Renewable Energy Plan (10.12.05)

Yale University has committed to reduce its greenhouse gas emissions by 10% below 1990 levels through investment in energy conservation and alternate energy sources. The goal, a recommendation of a Yale Energy Task Force convened in 2004, is consistent with a similar commitment by the Connecticut State Legislature and the Conference of New England Governors and Eastern Canadian Premiers. The University said it would reach its goal by 2020 through a combination of a strong energy conservation program, investing in alternative energy sources, purchasing Renewable Energy Certificates and implementing on-site renewable and clean energy demonstration projects. Energy conservation targets that are part of Yale's plan include a 15% percent reduction in the 12 undergraduate residential colleges within three years and a 10% reduction in energy consumption in other Yale facilities.

"Yale recognizes the need to respond to and prepare for the unprecedented circumstances that we face with respect to energy production, consumption, and related carbon emissions," the University said in a statement issued by President Richard C. Levin, Provost Andrew Hamilton and John Pepper, vice president for finance and administration. "Yale is committed to becoming a model university that prepares its students for facing the pressing environmental conditions and taking a leadership role among higher education institutions to respond to the energy challenge."

<http://www.yale.edu/opa/newsr/05-10-11-02.all.html>

3. Middlebury Receives 2005 Climate Champion Award (06.15.05)

Middlebury College has been awarded the 2005 Climate Champion Award for "advancing campus solutions to global warming" by Clean Air - Cool Planet, a nonprofit dedicated to finding and implementing solutions to global warming in the Northeast. Middlebury's efforts include completing a campus greenhouse gas emissions inventory and appointing a Carbon Reduction Initiative Working Group to develop a plan of action for reducing emissions. Middlebury's course catalog also reflects its concern about global warming. In a course entitled "Path to Carbon Neutrality," students evaluated emissions reductions options for the campus while in "Social Movements and Climate Change" students organized a national conference called "What Works? New Strategies for a Melting Planet." Additionally, students in an Environmental Economics course developed a credit card that enables its users to become carbon neutral by dedicating one percent of the money charged to the card for the purchase of carbon offsets.

<http://tinyurl.com/blmen>

4. UBC on Track to Surpass Kyoto 2012 Emissions Targets (02.23.05)

The University of British Columbia is on track to meet and surpass the 2012 target of reducing greenhouse gas emissions by 25 per cent. Since 1998, despite a 19 per cent increase in students, it has reduced CO₂ emissions from buildings and transportation by seven per cent and reduced energy use in core and ancillary buildings by eight per cent (for a savings of \$5.4 million).

<http://tinyurl.com/6q9qw>

5. University of Southern Maine Takes Governor's Carbon Challenge (07.20.05)

The University of Southern Maine is participating in the Governor's Carbon Challenge to reduce greenhouse-gas emissions to 1990 levels by 2010. USM has taken steps like replacing inefficient exit sign bulbs with more efficient models and disconnecting lights in vending machines around campus. USM also is cutting fuel costs and carbon emissions by designing new projects to the most efficient, green-building standards. For instance, the new Community Education Center includes four heat pumps that use groundwater to help heat and cool the building.

<http://business.mainetoday.com/news/050719carbonchalle.shtml>

6. UC Santa Barbara Pledges to Track Greenhouse Gas Emissions (08.17.05)

UC Santa Barbara has joined the California Climate Action Registry, a non-profit public/private partnership that helps companies and organizations throughout the United States to track, publicly report and reduce their greenhouse gas emissions. As a participant in the Registry, UCSB will voluntarily measure and report its campus-wide emissions of greenhouse gases. The results will be certified by independent organizations to ensure compliance with Registry protocols and standardization across sectors. "Since 1997, UCSB has reduced its carbon footprint dramatically through an aggressive energy conservation program. Our challenge is to continue this trend while our campus is growing. The California Climate Action Registry will document our past and future successes, and allow our campus to set new goals to reduce our emissions and quantify our results" said Jim Dewey, UCSB's Campus Energy Manager. UCSB is the second campus within the UC system to sign up with the Registry – UC San Diego is a charter member of the program.

http://www.climateregistry.org/docs/PRESS/UCSB_press_release_081105.pdf

7. Yale University Begins Work to Meet Greenhouse Gas Reduction Targets (10.27.05)

Yale University has announced some initial steps it will take toward meeting its recently announced commitment to reduce campus greenhouse gas emissions to 10% below 1990 levels by 2020. The University is planning to install its first solar panels by the end of the year. The panels will be installed on the Divinity School's Fisher Hall and are expected to provide about two thirds of the building's total electricity consumption. The solar array is believed to be the largest in the Ivy League. To encourage students to conserve energy, the University will offset one-third of the total electricity consumption of any residential college that can reduce its energy use by 5 percent. Yale is also planning competitions with awards to recognize the most environmentally-friendly colleges. The University has started a new carpooling program that will offer discounts on parking fees of up to 75 percent to faculty and staff who carpool. Yale is also investigating the use of biodiesel in campus vehicles and is developing a system to display information about the campus's energy consumption on a website.

<http://www.yaledailynews.com/article.asp?AID=30425>

8. UNC Chapel Hill Cogen Plant Expansion Approved With Carbon Reduction Conditions (11.24.05)

Chapel Hill Town Council approved UNC Chapel Hill's application to upgrade its cogeneration plant on the condition that the University works with the town to reduce local carbon dioxide emissions. Specifically, the University agreed to participate in the Community Carbon Reduction Project. The Project, of which the town is already a member, seeks a 60 percent reduction in carbon emissions by 2025, though each partner develops their own plan. The upgrade of the cogeneration plant includes, among other things, the installation of an additional turbine that will allow more electricity generation from steam the plant is already producing.

<http://tinyurl.com/dhd5b>

<http://www.cep.unc.edu/cred/about.html>

9. Presidio MBA Students Launch DriveNeutral (10.12.05)

MBA students at Presidio School of Management in San Francisco have created *DriveNeutral*, a nonprofit enterprise that gives drivers the opportunity to offset their greenhouse gas emissions from driving. Participants receive a decal certifying that they have neutralized the impact of their vehicles' greenhouse gas emissions. The revenue generated by the sale of the decal is used to purchase and retire carbon credits through the Chicago Climate Exchange. The student-run enterprise with oversight by the Presidio Board of Directors was created as a legacy campaign to be inherited and managed by the successive generations of Presidio MBA students.

http://www.climatebiz.com/sections/news_detail.cfm?NewsID=28906

<http://www.driveneutral.org/>

10. Students Participate in International Climate Conference (12.15.05)

More than 500 students and youth from around the world converged in Montreal earlier this month to participate in a United Nations Climate Change Conference. Over the two week conference, the students organized lighthearted protests each day to highlight the importance of climate change to their generation. Some schools used the conference as a teaching opportunity. Ithaca College, for instance, sent a delegation of 20 students, staff and faculty advisors to observe the negotiations.

<http://www.nytimes.com/2005/12/09/international/americas/09climate.html>

<http://www.ithaca.edu/news/article.php?id=1834>

<http://itsgettinghotinhere.org/>

11. Luther College considering Chicago Climate Exchange Membership (10.12.05)

Luther College of Iowa is considering joining the Chicago Climate Exchange (CCX), a voluntary, legally binding rules-based greenhouse gas emission reduction and trading system. It would be the first liberal arts college in the U.S. to do so. CCX Members commit to reduce their greenhouse gas emissions. Members who exceed their commitment may sell emission allowances to other members while members who do not meet their reduction goal must purchase credits from other members to come into compliance. Other higher education members include Tufts University, The University of Iowa, The University of Minnesota, and The University of Oklahoma. Presidio World College is an Associate Member of CCX, and as such, has pledged to fully offset greenhouse gas emissions from its electricity use, travel and fuel consumption.

<http://chips.luther.edu/modules/news/article.php?storyid=4180>

12. Clean Air-Cool Planet's Campus Climate Action Toolkit (03.16.05)

Clean Air-Cool Planet recently launched an on-line Campus Climate Action Toolkit (CCAT) to help people interested in making their educational institution more "climate friendly." Among other things, the toolkit includes a model Campus Climate Action Plan and guidance for every aspect of campus climate action, including hyperlinks to technical resources and examples/case studies that will help people understand, plan, and implement a Campus Climate Action Plan.

<http://www.cleanair-coolplanet.org/toolkit/>

Campus Purchases of Renewable Energy

13. California State University System Adopts Pioneering Clean Energy Policy (09.22.05)

Following a two-year student-run campaign, the California State University Board of Trustees today voted unanimously in favor of what organizers believe to be the strongest and most comprehensive university policy on clean energy in the United States. The policy stipulates that by 2010, CSU will meet 20 percent of its electricity needs from renewable sources and that by 2014, CSU will install 10 MW of solar and other renewable energy on campus. These policy changes are believed to increase the total amount of clean electricity bought by universities in the U.S. by 20 percent and almost double the amount of renewable generation on U.S. campuses. The new policy also requires all new buildings and major renovations to meet LEED standards. Overall, by 2010, the policy is expected to prevent the release of 80,000 tons of carbon dioxide per year, 17% of 2004 emissions levels.

<http://renewableenergyaccess.com/rea/news/story?id=36910>

<http://www.calstate.edu/pa/news/2005/green.shtml>

14. Western Washington Univ. Trustees Approve Green Energy Fee (02.09.05)

The Western Washington University board of trustees on Feb. 4 approved a student fee to be utilized for the purchase enough renewable energy for Western to become the second largest purchaser of green power in higher education and the 15th largest purchaser of green energy overall. The student fee was approved last spring by in a student vote with 84.7% approval.

http://west.wvu.edu/ucomm_news/articles/741.asp

15. Harvard Sets Aside \$100,000 For Renewable Energy (03.16.05)

A new program will set aside \$100,000 yearly toward the purchase and development of renewable energy at Harvard. In addition, a \$3 million loan fund has been established to help pay for energy-efficient features in new buildings. An advisory group of students and staff will help decide how the \$100,000 is spent. With this new program, Harvard is expected to surpass University of Pennsylvania as the largest purchaser of renewable energy among American universities.

<http://www.thecrimson.com/article.aspx?ref=506352>

16. Bates College to Use Local Renewables for Electricity (11.24.05)

Bates College President Elaine Tuttle Hansen recently announced that Bates will purchase its entire electricity supply from renewable energy sources in Maine, specifically biomass generating plants and small hydroelectric producers. As a result, the College expects to reduce its greenhouse gas emissions to near their 1990 levels. To make the purchase, Bates worked through Maine PowerOptions, an Augusta-based nonprofit purchasing consortium. In December, Bates will end a 27-month

contract for electricity derived from a variety of sources, including non-renewable fossil fuels. In early November, when market conditions were favorable, the College locked into a new five-year contract for the renewable Maine-generated electricity. Bates expects to pay an annual additional premium of \$76,000, beyond the \$1.8 million that "non-green" electricity would have cost. President Hansen also announced that a search will soon begin for a new Bates Environmental Coordinator.

<http://www.bates.edu/x80314.xml>

17. Syracuse University Commits to 20% Renewable Electricity (05.04.05)

In response to student pressure, Syracuse University has committed to purchase at least 20 percent of its electricity from renewable sources as of July 1, 2005. The University is currently accepting bids from energy retailers to provide approximately 22,000 kWh of renewable energy annually. The university's definition of renewable energy sources includes wind, hydro, solar, biomass or geothermal energy. "Give the students credit. They brought it up. They initiated it," said Louis G. Marcoccia, senior vice president for business, finance and administrative services at SU.

<http://sunews.syr.edu/Fix7120504.asp>

<http://tinyurl.com/bzv3h>

<http://tinyurl.com/b4bmx>

18. Campuses Win 2005 Green Power Leadership Awards (10.27.05)

Western Washington University, the University of Minnesota, Morris, and Harvard University each received a Green Power Leadership Award at the 10th National Green Power Marketing Conference in Austin, TX this week. The awards are given by the Environmental Protection Agency and the Department of Energy to honor U.S. organizations that have helped build a market for green power by making significant purchases of renewable energy. Western Washington was recognized for purchasing 100 percent of its total electricity consumption (approximately 35,000 MWh annually) from clean, renewable sources. The additional cost of purchasing the green power is paid for with a student fee increase that has been approved by an overwhelming majority of students. Harvard was recognized for its purchase of 22,000 MWh of green power annually, approximately 7 percent of Harvard's total electricity usage. University of Minnesota, Morris was recognized for its installation of the first large-scale wind turbine at an American public university. The 1.6 MW turbine provides approximately 50 percent of the campus' electricity needs.

<http://www.epa.gov/greenpower/pdf/2005awards.pdf>

http://west.wvu.edu/ucomm_news/articles/988.asp

<http://www.news.harvard.edu/gazette/daily/2005/10/26-greenaward.html>

<http://www.morris.umn.edu/greencampus/greenleadership.html>

19. Evergreen State College Receives Green Power Award (12.08.05)

The Evergreen State College recently received a Power Player Award for the college's leadership and commitment to energy efficiency and environmental stewardship. The award recognizes the ten top green power purchasers in Washington state.

Evergreen students voted in December of 2004 to enact a student fee of one dollar per credit to purchase green power from renewable sources in the northwest region through Puget Sound Energy's Green Power program. Revenue from the student fee is sufficient to purchase 100% of the college's energy from renewable sources. In addition, ten percent of the revenue collected from the student green energy fee will be invested into a fund for campus projects advancing renewable energy. The award is sponsored by Puget Sound Energy, Seattle City Light and the Seattle Seahawks.

<http://www.evergreen.edu/news/releases/nov05/greenpoweraward.htm>

<http://academic.evergreen.edu/groups/greenfut/CLEANENERGY.htm>

20. CSU and UC Make Largest University Purchase of Clean Energy (06.22.05)

The University of California (UC) and California State University (CSU) announced a purchase of 15 percent clean energy during a statewide sustainability conference in Santa Cruz. The purchase will establish the two universities as the leading university purchasers of renewable electricity nationwide over the next six months. The UC and CSU will purchase 39,000 and 34,000 megawatt hours of clean energy respectively. The announcement comes on the heels of a two-year campaign run by university students and Greenpeace that calls for the CSU Board of Trustees to adopt a comprehensive clean energy and sustainability policy.

<http://tinyurl.com/dlo2v>

21. Pennsylvania Campuses Increase Wind Energy Commitment (05.25.05)

Nine member colleges and universities of the Pennsylvania Consortium for Interdisciplinary Environmental Policy (PCIEP) have increased their purchase of wind-generated electricity. The nine schools are meeting a joint challenge from PCIEP and wind energy marketer Community Energy, Inc. to get at least 10% of their total electricity consumption from wind energy. The universities who have signed on and the percentage of their energy coming from wind power include: Eastern University (32.2%), Dickinson College (12.1%), The University of Pennsylvania (10.4%), Juniata College (10.4%), Allegheny College (10%), Chatham College (10%), Duquesne University (10%), Keystone College (10%), and Mercyhurst College (10%).

http://www.communityenergy.biz/pr/cei_pr_college-univ_commitment.html

22. Duke University's Nicholas School Makes Wind Power Purchase (09.14.05)

The Nicholas School of the Environment and Earth Sciences at Duke University recently purchased \$19,718 of renewable energy certificates to offset its use of electricity generated from fossil fuels. The school bought the certificates from Gray County Wind Farm, the largest wind farm in Kansas. It purchased enough wind power certificates to compensate for 100 percent of electricity used last year at the school's facilities in Durham and at the Duke University Marine Laboratory in Beaufort, N.C. Overall, the school's purchase will offset about 16.5 million pounds of carbon dioxide emissions. "Buying these certificates is a way of putting our money where our mouth is," said William H. Schlesinger, James B. Duke Professor of Biogeochemistry and Dean of the Nicholas School.

<http://www.duke.edu/sustainability/2005-09-12wind.html>

23. University of Oregon Students Approve \$2 Fee for Sustainability (04.27.05)

On April 8th, students at University of Oregon voted 1,150 to 277 in favor of Ballot Measure 21 in the Associated Students of the University of Oregon primary election. Ballot Measure 21 calls for a fee increase of up to \$2 to fund on-campus sustainability projects. If approved by the State Board of Higher Education, the fee increase will raise up to \$40,000 annually. Approximately \$11,000 of this would be used to power the student union with 100% wind power. The remainder would be used to fund additional energy conservation and sustainability projects.

<http://www.dailyemerald.com/vnews/display.v/ART/2005/04/07/42554d400a7f0>

<http://www.dailyemerald.com/vnews/display.v/ART/2005/04/21/42674e322d1c3>

24. Northwestern University Conserves Energy, Invests in Renewables (11.17.05)

In response to rising natural gas prices and an anticipated 5 million dollar deficit in the utilities budget, Northwestern University has announced a series of measures to conserve energy including: changing temperature set points, reducing steam pressure, installing occupancy sensors that automatically turn off lights, reducing the number of light bulbs in some rooms, decommissioning unused fume hoods, and reducing ventilation rates in over-ventilated spaces. The measures are expected to result in savings of approximately \$1 million per year. Simultaneously, the University announced a commitment to purchase Renewable Energy Certificates for 5 percent of the electricity that Northwestern uses and to invest 2 million of its endowment in alternative energy companies.

<http://www.northwestern.edu/newscenter/stories/2005/11/energy.html>

<http://tinyurl.com/ds3no>

http://www.northwestern.edu/fm/environmental_sustainability.htm

25. Tufts Students Approve Fee Increase for Renewable Energy (05.04.05)

Tufts students voted overwhelmingly in support of a \$20 increase in fees to purchase wind energy for the campus. Depending on who the renewable energy is purchased from, the fee increase could cover anywhere from six to 50 percent of Tufts total electricity consumption. To go into effect the fee increase must be approved by Board of Trustees.

<http://tinyurl.com/8595w>

26. Marist College Students Propose Fee for Renewable Energy (07.20.05)

Student leaders at Marist College have collected more than 1,000 signatures from their fellow students in support of a proposal to pay an additional \$10 each semester which would go toward the purchase of wind energy. College spokesman Tim Massie said the college is looking at the plan as one of many options for green energy sources.

<http://tinyurl.com/9w8fs>

<http://www.greencommittee.org/>

Renewable Energy on Campus

Solar

27. Butte-Glenn Community College Installs 1.06 MW Solar Array (08.31.05)

Butte College recently completed one of the largest solar photovoltaic projects in the United States. The 1.06 MW on-site generating system is the second largest community college solar installation in the U.S. The system includes 5,700 solar panels on a four-acre field. It will generate 1.6 million kWh annually and can be monitored in real-time. Data will be posted to the web and an interactive kiosk on the college campus. The college estimates it will save \$300,000 annually from the solar installation, thereby reducing the college's utility bills by one-third. It also prevents 1,238 tons of carbon dioxide, 870 pounds of nitrous oxide, and 21 pounds of sulfur dioxide from being released into the atmosphere annually. Under California law, the college received a \$3.7 million rebate from Pacific Gas & Electric toward the total cost of \$7.4 million.

<http://www.renewableenergyaccess.com/rea/news/story?id=35896>

28. Monmouth University to Install Largest Campus Solar Array in NJ (11.02.05)

Monmouth University recently announced plans to install 454-Kilowatt solar electric array on campus. The system, which campus officials believe to be the largest solar electric system on a New Jersey campus, will cover 33,000 square feet atop four buildings on campus. The project is expected to save the University at least \$2.7 million over 25 years. The total cost of the project is approximately \$2.8 million, of which the University received funding from the State of New Jersey Board of Public Utilities in the amount of \$1.7 million. Over the next thirty years, the solar electric system is expected to reduce carbon dioxide emissions by more than 5,000 tons.

<http://tinyurl.com/a3gb9>

29. University of Michigan Wins North American Solar Challenge (08.03.05)

University of Michigan was recently announced the winner of the 2005 North American Solar Challenge, an educational competition to design, build, and race solar-powered cars. This year's race started in Austin on July 17 and followed U.S. Route 75 and the Trans-Canada Highway (Highway 1) to Calgary. University of Michigan's car, Momentum, made the trip from Austin, Texas, to Calgary, Alberta, in a cumulative time of 53 hours, 59 minutes and 43 seconds, for an average speed of 46.2 mph. The University of Minnesota placed second in the race with an unofficial total time of 54:11:35. The Massachusetts Institute of Technology placed third with an unofficial time of 56:34:43.

<http://americansolarchallenge.org/event/asc2005/media/final0727.pdf>

30. University of Colorado Wins Solar Decathlon Competition (10.19.05)

The University of Colorado has won the first-place trophy in the international Solar Decathlon, a competition to design, build and operate the most attractive and energy-efficient solar-powered home. Cornell University placed second, and California Polytechnic State University finished third. 18 collegiate teams from the U.S., Canada and Spain participated in the competition. Students competed in 10 areas, ranging from architecture, livability and comfort to how well the homes provide energy for space heating and cooling, hot water, lighting, and appliances. Each house also had to produce enough "extra" power for an electric car. The primary sponsor of the Solar Decathlon is the National Renewable Energy Laboratory of the U.S. Department of Energy.

<http://www.colorado.edu/news/releases/2005/398.html>

http://www.eere.energy.gov/solar_decathlon/pdfs/nr101405_final.pdf

31. Solar Parking Pavilion Coming to Oberlin College (09.07.05)

A new 8,800-square-foot solar parking pavilion, scheduled for completion this fall at Oberlin College, is expected to enable the Adam Joseph Lewis Center for Environmental Studies to annually produce more electricity than it consumes. Campus officials believe that the Lewis Center will then be the largest photovoltaic-run building among colleges and universities in the country. Together with the more than 3,500 square feet of photovoltaic panels covering the roof of the Lewis Center, the new pavilion, which will cover an existing parking lot, will provide about 30 percent more electricity than the Lewis Center consumes on an annual basis. When the pavilion is completed, the center's total rated energy production, based on peak theoretical output under ideal conditions, is expected to reach 160 kW. Support for the project comes from a \$1 million grant from the family of Adam J. Lewis.

http://www.oberlin.edu/alummag/summer2005/ats_2.html#1

32. Solar Panels Generate Power for Carnegie Mellon University Building (08.17.05)

Carnegie Mellon University is installing a new solar array on a building used by the School of Computer Science. When finished at the end of the month, the system will save about \$1,500 to \$2,000 per year and provide about 10 percent of the building's electricity. The rooftop has cost more than \$100,000, although the project received an \$88,000 grant from the Pennsylvania Department of Environmental Protection. The array takes up one-fourth of the roof and is made up of 120 panels, each of which is about one square meter. The building also includes eco-friendly furniture, recycled carpet and doors, and a student-designed digital kiosk, which will display a running count of how many tons of greenhouse gases the old system would have emitted, how much power the solar array is producing, and how much energy the building is consuming. "This is not about economics. This is about education," says Brad Hochberg, energy manager for the university. "It's about demonstrating to students, staff and faculty that there are alternatives to fossil fuel energy. But, over time, with improved technology and application, it will become economical."

http://pittsburghlive.com/x/tribune-review/trib/pittsburgh/s_363660.html

33. Seattle University Harnessing Power from Sun (08.17.05)

Seattle University senior engineering students David Kostelac, Harley Sandoval, Walker Weitzel and Quang Dinh spent their entire senior years preparing for the University's solar-energy debut. The end result is solar photovoltaic installation with 32 solar panels installed on the roof, side and at street level of Seattle University's Student Center. At peak, the panels will generate 5 kilowatts of electricity to help heat and light the building. The \$40,000 project was funded by Seattle City Light's Green Power program, which relied on the SU students for design and implementation. The students also created a tracking system to ensure that the panels receive maximum sunshine throughout the year and installed an educational kiosk about the project in the Student Center. Assistant Professor of Mechanical Engineering Chris Stipe expects that the project will pay for itself in about 25 years.

<http://tinyurl.com/822sj>

34. Clarion University Receives Grant for Building-Integrated Solar Photovoltaic Array (12.15.05)

The Pennsylvania Department of Environmental Protection awarded Clarion a \$212,000 Energy Harvest Grant to construct a sustainable building-integrated solar photovoltaic array into the roof of Clarion University's new Science and Technology Center. The flexible peel-and-stick solar cells will generate ~ 35,000 kW-hrs/year of clean renewable solar electricity. Each year, by offsetting coal-fired electricity the solar array will mitigate over 14 tons of carbon dioxide emissions from enhancing climate change, prevent 14 tons of coal from being burned, and prevent the use of 22,000 gallons of water (in the coal plant) from being wasted. The solar photovoltaic array will be monitored in real-time and the data made available to the public in an information kiosk and solar energy exhibit in the grand entryway of the building. Final design for the new Science and Technology Center is expected in March or April 2006, with construction projected to begin in September or October 2006, followed by 18 to 24 months of construction. Occupancy of the building is projected for June of 2008.

<http://news.clarion.edu/News/10562.html>

<http://www.thederrick.com/stories/12072005-3012.shtml>

35. Students Go Solar at the University of Oregon (01.19.05)

The University of Oregon is going solar, again! The Rec Center recently came "online" with its brand new array of solar modules. The array is expected to produce about 40 kilowatt hours of electricity each day or about 14,500 kilowatt hours each year. This is the second phase of a three-part project that started in the spring of 2001, when the Ecological Design Center (EDC) was awarded a \$100,000 grant by the student government to install a grid-tied photovoltaic system on university rooftops.

http://irecusa.org/articles/static/1/1105551105_989930621.html

36. Babson College Installs Solar Powered Lighting (10.12.05)

Babson College in Massachusetts recently completed installation of solar powered and energy efficient LED lights to illuminate a pathway from the College's residence hall area to its athletic fields. The systems have been outfitted with motion detectors that raise the light to peak levels at any time there is motion during off-peak periods. The lights operate independent of the electric grid, relying solely on a solar panel for their power source, and therefore avoid the expense of trenching and repaving. "Trenching was costly and would have been extremely disruptive in an area extensively used by the students and day campers" noted Babson's Associate Vice President for Facilities Management and Planning, Shelley Kaplan. The light fixtures were designed to match the appearance of Babson's existing lighting used throughout the rest of campus.

<http://www.solarone.net/News/docs/pr051011.html>

37. Ithaca College Students Install Solar Fountain (12.15.05)

As part of an Environmental Studies project, students at Ithaca College are planning to install a solar fountain in the College's Chapel Pond. The fountain height will be directly related to the sun's intensity and will therefore serve as a visual demonstration of solar power.

http://www.ithaca.edu/ithacan/articles/0512/08/news/3students_.htm

38. Green Energy Projects Under Consideration at UNC Chapel Hill and Appalachian State University (09.22.05)

The University of North Carolina's Renewable Energy Special Projects Committee (RESPEC), a group which funds renewable energy projects on campus, is considering several new projects. One is a solar water heater that would allow an outdoor pool to stay open several additional months of the year. RESPEC is also considering providing funding for renewable energy aspects of a proposed visitor's education center for the North Carolina Botanical Garden. RESPEC receives its funding from a \$4 per semester student fee surcharge that students approved in 2003. Appalachian State University's Renewable Energy Initiative Committee is also developing plans to spend the fund generated by a \$5 fee increase for campus renewable energy projects that was approved by students in 2004. The committee intends to provide funds for an on-campus biodiesel processor as well as solar panels.

<http://tinyurl.com/cqubc>

<http://tinyurl.com/bneoj>

Wind

39. University of Illinois Receives Grant for On-Campus Wind Farm (11.10.05)

The University of Illinois recently received a \$2 million grant from the Illinois Clean Energy Community Foundation to pay for the installation of three wind turbines on campus. University officials believe that they will be one of the first universities in the country to have a multiple turbine wind farm that's owned and operated by the university and located on campus. At full capacity, the wind turbines are expected to generate about 2.7 percent of the University's total energy needs. In addition to providing power for the University, the turbines will be used by faculty and students for teaching and research. In addition to the grant, another \$300,000 in funds from a \$2-per-semester student clean energy fee will be used. The fee was approved by students in a campus-wide election in 2003. The total cost of the turbines is projected to be \$5.7 million. With the grant and student funding, campus officials believe the turbines will have a pay-back period of 10 years or less if natural gas prices stay high. Due a backlog of turbine orders, the turbines may not be installed until 2007.

<http://www.news-gazette.com/localnews/story.cfm?Number=19232>

<http://www.news.uiuc.edu/ii/05/0721/wind.html>

40. Centennial College Considering Harvesting Wind from Nearby Highway (08.10.05)

Centennial College in Toronto is exploring the idea of harnessing the power of Canada's busiest highway to create electricity. The wind-tunnel effect created by the hundreds of thousands of cars and trucks that travel Highway 401 each day makes the college's Scarborough campus an ideal location for a small wind turbine to feed power back to the school. To test the potential, engineers have raised a 30-metre tower designed to measure wind speed in the area. If the results look good, drivers could see a new windmill as soon as next summer. The electricity produced by this turbine would be enough for the equivalent of about six households. Centennial College plans to use the windmill to train students as part of a renewable energy program that will also look at producing power from solar panels and biofuels.

<http://www.cbc.ca/story/canada/national/2005/08/07/wind-turbine050807.html>

41. Fort Hays State University Considers Building Wind Farm (08.17.05)

Officials at Fort Hays State University are considering building a small wind farm to power their campus. If the university does build its own wind farm, it would be on school-owned land and would need two or three turbines to provide the 3.2 megawatts required to power the campus, though a backup electrical source would likely still be needed. The turbines cost about \$1.5 million each to build and the university expects to save energy costs over time. If the plan goes through, it would be the first wind farm for a Kansas college, though there are signs it could motivate other campuses to do the same. The university is also considering partnering with a wind energy company for construction, or simply purchasing blocks of wind energy already in production. In a related effort, University of Kansas' Student Senate is considering adding a \$1 per student fee to purchase enough wind energy to power the Student Recreation Fitness Center.

<http://tinyurl.com/ccats>

<http://www.kansas.com/mld/kansas/news/state/12383429.htm>

42. University of the Virgin Islands Investigating Wind Power (03.09.05)

University of the Virgin Islands (UVI) is testing its wind resources to determine the feasibility of installing a 1.5 MW wind turbine at a site on the University's St. Thomas campus. The turbine could generate over a third of the electrical needs of the St. Thomas campus. Since the cost of wind-generated electric power in the Virgin Islands is actually less than the current conventional rates, UVI hopes to realize operating savings as a result of this project.

<http://www.renewableenergyaccess.com/rea/news/story?id=23304>

Biomass**43. Campuses Save Money with Woodchip Fuel (11.24.05)**

High energy prices are leading to renewed interest in using inexpensive and renewable woodchips as fuel. In 2002, Mount Wachusett Community College of Gardner, MA converted to a biomass system utilizing wood chip fuel. The system cut annual heating costs from nearly a half million dollars for electric heat to just \$31,000 for the woodchips. The College anticipates that the \$2 million conversion will pay for itself within 10 years. The dramatic decline in annual utility costs has allowed the College to hold student fee steady for the last three years. Indeed, College President Daniel Asquino estimates that the conversion to biomass has saved the average student about \$400 a year in fees that would otherwise have been increased to help pay for the rising price of electricity. In addition, the conversion has also resulted in a 19 percent drop in the college's global warming pollution emissions. Meanwhile, Chadron State College in Nebraska has been successfully using locally produced wood chips from timber harvest slash for fuel since 1991.

<http://tinyurl.com/9qfc7>

<http://tinyurl.com/b285y>

<http://www.mwcc.mass.edu/renewable/conversion.html>

<http://www.csc.edu/n/news/news/10-27-2000-3.asp>

<http://tinyurl.com/8qurx> (pdf)

44. BioEnergy Initiatives Underway at Morrisville State College (10.12.05)

In August, Morrisville State College, an agricultural school in New York, broke ground on a methane digester to capture methane from the breakdown of manure. The methane will be used to generate energy for the campus. President Ray Cross is also working another initiative to harvest and produce biodiesel for campus energy generation. The initiatives are already beginning to pay off for Morrisville students in the form of jobs. An employer looking to hire employees with experience with methane digester recently called President Cross and offered to hire several students involved in the project. The college plans to develop related degrees to complement these bioenergy projects.

<http://tinyurl.com/dnpg4>

Geothermal**45. University of Nevada, Reno Receives Geothermal "Community" Excellence Award (10.12.05)**

The University of Nevada, Reno received the annual Geothermal "Community" Excellence Award at the national trade show meeting of the Geothermal Resources Council and Geothermal Energy Association held in late September. The University recently announced a plan to develop a Renewable Energy Center at its Redfield Campus. As a result of a partnership with Ormat Nevad, which operates several

nearby geothermal power plants, the center will be provided electricity as well as hot water for heating and research purposes, enough to will make the Redfield Campus the only college campus in the world to be completely powered by geothermal energy. In addition to geothermal energy research and education, the Redfield Campus also will focus on other renewable energy technology including solar thermal energy, solar photovoltaic energy, wind energy, hydrogen energy, heat exchange development and waste materials energy resource.

<http://www.unr.edu/nevadanews/detail.aspx?id=1254>

<http://www.unr.edu/geothermal/UNRREC.htm>

Energy Efficiency and Conservation

46. Campuses Struggle with Surging Energy Costs (12.01.05)

With energy costs averaging 20% higher than last year, campuses are taking a variety of steps to conserve energy, including turning down thermostats and reducing the hours buildings are heated. However, creating long term behavior change has proven difficult at many campuses. Vanderbilt University, for instance, was able to reduce its energy consumption by 8 percent during a mandatory cutback period, but despite encouragement to continue to conserve energy, consumption was only 2 percent below normal in the following month.

<http://insidehighered.com/news/2005/11/28/energy>

47. Foothill-De Anza Achieves Big Energy Savings (08.10.05)

As a result of a series of energy audits and improvements starting in the late 1990s, Foothill-De Anza Community College District in CA has been able to reduce its electricity consumption to 1991 levels despite growing by about 200,000 square feet. Now, with the installation of new cogeneration facilities at each campus, new parking facilities with solar-generated energy, and additional improvements in air conditioning efficiency, the District expects to cut electricity purchases by another 46 percent. The improvements have cost the District more than \$3 million, but cuts in utility spending are expected to exceed \$800,000 annually, so the initial investment will be paid off within just a few years. The District also has 3 LEED certified buildings and has just started a new degree program in environmental stewardship.

<http://insidehighered.com/news/2005/08/09/green>

http://www.fhda.edu/celebrating_solar_power_and_energy_efficiency

48. University of Maryland Receives ENERGY STAR CHP Award (11.10.05)

At last week's Smart and Sustainable Campuses Conference, the EPA awarded the University of Maryland a 2005 ENERGY STAR CHP Award in recognition of the energy efficiency and pollution reduction of the University's combined heat and power facility. The 27.3 MW facility, which began operation in early 2003, consists of two 11.2 MW combustion turbines, a heat recovery steam generator (with supplemental firing) and a 4.9 MW steam turbine. Steam exiting the steam turbine is recovered and used for campus heating and domestic hot water. The system operates at almost 68 percent efficiency and requires an estimated 16 percent less fuel than typical purchased electricity and onsite thermal generation. The reduction in fuel consumption is estimated to result in annual CO2 reductions of about 53,000 tons.

<http://www.epa.gov/chp/awards/winners2005.htm>

<http://www.outlook.umd.edu/article.cfm?id=2032>

49. University of Victoria Recognized for Energy Conservation (07.13.05)

The University of Victoria recently received a 2005 Power Smart Excellence Award from BC Hydro for significantly reducing its energy consumption. UVic was the first institution in B.C. to initiate a campus-wide voltage optimization project. Voltage optimization involves adjusting the voltages on transformers to reduce energy consumption. Lighting and mechanical retrofits across campus have also contributed to reduced energy consumption. During the 2004-05 academic year, UVic saved 5.4 million kWh.

<http://ring.uvic.ca/05jul07/news/power-smart.html>

50. UC Berkeley Wins 2005 Flex Your Power Award (11.17.05)

The California Public Utilities Commission's Flex Your Power program has selected University of California, Berkeley as one of three winners in the "best overall" category of the 2005 Flex Your Power Awards. The awards are given to recognize outstanding achievements in energy efficiency. The University was commended for integrating energy efficiency into operations, teaching, research and construction. UC Berkeley's energy initiatives include lighting upgrades, light bulb exchanges, energy-saving competitions between residence halls, and on-campus solar panels.

<http://www.fypower.org/feature/awards/>

http://www.berkeley.edu/news/berkeleyan/2005/11/09_energy.shtml

51. Assumption College Launches \$2.5 million Energy and Water Conservation Effort (09.14.05)

Assumption College has launched a \$2.5 million energy and water-saving retrofit of 22 buildings throughout the campus. Lighting system upgrades will take place in administrative offices, athletic facilities, the library and residence halls. Water saving measures, through the installation of toilet flush valves and shower heads, are expected to save the College nearly three million gallons of water per year. Heating, ventilation and air conditioning systems on campus. Heating, ventilation and air conditioning systems on campus will also be upgraded. In addition, the College is replacing old windows with energy efficient, insulated windows in two of the oldest resident halls. The College is replacing the roof on the Chapel of the Holy Spirit, adding much needed insulation and infrastructure for future energy efficient air conditioning units. Lastly, with the construction of the new Multi-Sports Stadium on campus, the College is continuing its energy conservation measures by installing MUSCO'S Light Structure Green, a lighting system that uses 40 percent less energy than traditional sports lighting units. Scheduled for completion in the fall, a significant portion of the retrofit is being implemented by Conservation Services Group.

<http://tinyurl.com/bkfve>

52. Amherst College Works To Reduce Energy Consumption (08.24.05)

Amherst College has taken a number of steps to reduce its energy consumption and associated costs. Four years ago, Amherst built a central air conditioning plant that produces 1,500 tons of cooling at double the efficiency of the old systems. The college is now in the process of designing and constructing a cogeneration plant that will generate all of its electricity while converting the "waste" heat of the exhaust system to usable thermal energy in the form of steam. Not only will this high-efficiency plant save the college in excess of \$500,000 per year, it is expected to reduce greenhouse gas emissions by more than half. The College has also begun using more efficient hybrid vehicles and is fueling its heavy equipment with biodiesel. Computers on campus are programmed to go into a "sleep" mode when not being used and vending machines have been optimized to cycle according to usage

patterns as detected by automated sensors. Regarding building, the College renovates existing structures where possible and when renovation is not possible, buildings are deconstructed rather than demolished. Although it's slightly more expensive to deconstruct, the value of the recycled materials actually offsets the additional costs. In addition, Amherst was able to reduce waste production simply by moving the dispensers for paper napkins from the serving areas to the tables, where students take only as many napkins as they need.

<http://tinyurl.com/8gn3o>

53. Brown and Yale Respond to Rising Energy Costs with Conservation (09.14.05)

Brown University is facing a 20 percent increase in utility costs this year as a result of price increases for energy. Brown is responding with efforts to reduce its energy consumption. For instance, the Brown Corporation recently approved a \$2 million capital budget for projects that will save enough energy to pay for themselves within two to five years. In addition, a new Life Sciences building will be LEED certified and is expected to be 30 percent more energy efficient than it would have been if it were built without efficiency in mind. Existing buildings are also being retrofitted with more efficient lighting and other energy saving technologies. The University is creating an Environmental Task Force whose purpose is to inform the campus community about the impact of energy use. Additionally, the University is developing a group of student representatives, "eco-reps," who can convey information about energy to other students on campus. At Yale University, the contingency reserve funding that was earmarked for energy inflation when the fiscal year began on July 1 was already expended by the first day of class. Yale will be responding with a series of initiatives designed to reduce energy consumption.

<http://tinyurl.com/9jw46>

<http://www.yaledailynews.com/article.asp?AID=29783>

54. New York and New Jersey Campuses Working to Reduce Energy Costs (10.12.05)

Rising energy prices are prompting campuses in New York to take action to reduce long-term energy costs. Potsdam State University College is building a cogeneration plant that is expected to reduce energy costs by about \$750,000 per year. The \$8 million project has an expected payback period of about 10 years. St. Lawrence University has installed motion-controlled lighting, replaced inefficient motors as well as old windows, and is managing its water consumption. The university is also investigating non-conventional energy sources. Canton College of Technology is building a methane digester at a local farm to supply natural gas for electricity and heat production on-campus. The school is also planning to make biodiesel for its diesel vehicles. Clarkson University is decreasing lighting in academic buildings, reducing nighttime heating temperatures by a few degrees, and is even considering closing some buildings to reduce natural gas consumption. Jefferson Community College has replaced two roofs, improved insulation, and installed energy-efficient lighting. Ithaca College recently kicked off "Change Your World," a comprehensive energy-saving campaign that, among other things, will encourage community members to exchange incandescent light bulbs for fluorescent bulbs that have earned the Energy Star label. At Rowan University in New Jersey, a dual turbine generation plant under construction to replace an existing co-generation plant. Officials expect that the new plant will pay for itself within eight or nine years.

<http://tinyurl.com/ckswv>

<http://www.ithaca.edu/news/article.php?id=1790>

<http://tinyurl.com/8yhyw>

55. Emory University Works to Reduce Energy Costs (11.10.05)

In response to an expected 48 percent (or \$13 million) increase in utility costs between the 2006 and 2007 fiscal years, Emory University is considering a range of ideas to reduce energy consumption. These ideas include: consolidating classes into fewer buildings, centralizing temperature controls, and adopting a no-idling policy for university vehicles. The university is also considering charging departments for their energy use in order to encourage conservation. In addition, Emory will continue its existing green building efforts. In related news, the University's Sustainability Committee has developed a draft sustainability vision statement that, among other things, incorporates a goal of reducing campus energy consumption to 25% below 2005 levels by 2015.

<http://www.emorywheel.com/vnews/display.v/ART/2005/11/08/436ff41b8fc57>

56. University at Buffalo Embarks on Energy Conservation Initiative (12.08.05)

In response to rising energy prices, University at Buffalo is embarking on a comprehensive energy conservation effort that is expected to save the University at least \$1.2 million a year. The effort will include lighting retrofits as well as heating and cooling equipment upgrades. Innovatively, the University will also be capturing waste heat from one building for use in heating another building. The effort also includes the installation of a 100 kW solar photovoltaic array on the roof of a campus building. When complete, the solar array will be the largest array on a New York state campus building.

<http://www.buffalo.edu/reporter/vol37/vol37n12/articles/Conservation.html>

57. University of New Hampshire Students Receive Discount on Energy Star Products (09.28.05)

WildCAP, a project of University of New Hampshire's Climate Education Initiative, is offering students the opportunity to purchase certified ENERGY STAR products at a discount from local retailer partners. Houghton Ace Hardware in Durham NH is offering students a 50% discount on certain compact fluorescent light bulb models. A local Best Buy is offering students 5% off of qualified ENERGY STAR products including laptops, printers, televisions and will even deliver them to campus. "As students set up their dorm rooms and apartments, we hope they'll make energy-efficient choices in lighting and other electronics, and that those choices will stay with them beyond college," said Crescentia True, associate director of UNH's Office of Sustainability Programs.

<http://www.seacoastonline.com/2005news/dover/09232005/news/64309.htm>

http://www.sustainableunh.unh.edu/climate_ed/wildcap/index.html

58. Duke University Adopts ENERGY STAR Policy (10.05.05)

Duke University has adopted an ENERGY STAR Policy that states: "In all areas for which ENERGY STAR ratings exist, the products that Duke purchases will be ENERGY STAR certified or meet the performance requirements for ENERGY STAR certification. In areas for which guidelines are not available, Duke will seek energy efficient products." The policy, which goes into effect on November 1st is designed to ensure that electronics and appliances purchased by the university do not waste energy. Information sessions will be held throughout the month of October to train purchasers and receive feedback from the Duke community.

<http://www.duke.edu/sustainability/2005-09-27EnergyStar.html>

59. Yale Unplugged Campaign Begins (11.24.05)

Yale University's Student Taskforce for Environmental Partnership (STEP) is encouraging students to unplug their appliances over Thanksgiving break so as to reduce energy consumption. Earlier this year, STEP members went door-to-door in Yale's Residential Colleges and offered efficient compact fluorescent light bulbs in exchange for inefficient incandescent light bulbs, which were then donated to local charities.

<http://www.yaledailynews.com/article.asp?AID=30942>

60. University of New Hampshire Studies Energy Savings from Thanksgiving Power Down (12.15.05)

This past Thanksgiving, University of New Hampshire's Energy Task Force conducted a study on the potential savings that could be achieved from unplugging appliances over the Thanksgiving break. Comparing the energy consumption over the break of a dorm with full participation in the unplug program and a similar control dorm with appliances left plugged in showed a savings of between 29,369 - 41,405 kwh for an estimated dollar savings of \$4,846 - \$6,832. Extrapolating the results to the rest of campus, the Energy Task Force determined that with complete participation the potential savings could be as high as \$20,000.

<http://tinyurl.com/7jr6z>

61. Napa Valley College Cuts Energy Costs with Cutting Edge AC (07.27.05)

A new air conditioning method is expected to save Napa Valley College \$150,000 per year in reduced energy costs. The method is called thermal energy storage. The College will use three large air conditioning compressors connected to a dozen tanks of water, each the size of a large truck. The compressors will run at night, when electricity is cheapest, turning the water into ice. During the day, water pipes will circulate ice water to the buildings. Fans will blow over the pipes to send cold air into the rooms. The college can make ice at night at half the cost of running a full air conditioning system during the day. An ice cooling system isn't the only environmentally sound project in the works at the college. Six acres of land will be covered with solar panels to provide power to the whole campus. It will generate a megawatt of power. PG&E is providing more than \$3 million for the project.

<http://www.napavalleyregister.com/articles/2005/07/23/news/export10502.txt>

62. Overcooling Alleged at Arizona State University (12.01.05)

A study by the Arizona State University student newspaper found that, on average, temperatures in ASU buildings are 8 degrees below the University's standard for cooling. The newspaper calculates that such overcooling is costing ASU nearly \$1 million annual in excess cooling costs. ASU administrators dispute the methodology used by the newspaper.

<http://www.statepress.com/issues/2005/11/30/news/695134>

63. UW Bothell and Cascadia Community College Switch to More Efficient Lighting (11.10.05)

University of Washington, Bothell and Cascadia Community College have achieved significant energy savings as a result of a project to replace light fixtures in the campus parking garages with more energy efficient models. Specifically, the project removed all existing 175-watt Metal Halide fixtures and replaced them with energy efficient Nu-Lite T-8 lamps, which provide the same amount of lighting coverage while consuming 73% less electricity. With a 50% rebate from Puget Sound Energy, it will take only 6 months to recoup the cost of the retrofit from energy savings.

<http://www.uwb.edu/about/press/2005-10-14.html>

64. Penn State Using More Efficient Washing Machines (08.10.05)

In the last year, Penn State University installed 600 new front-loading ENERGY STAR washers in common-area laundry rooms at eight satellite campuses. The main campus at University Park received 350 of the new machines. The new washers use an average of 18 gallons less water per load than conventional top loaders. Penn State calculates that this feature will cut water use at the University Park campus by almost half, from 27.5 million gallons per year to 12.4 million gallons. The satellite campuses expect to cut laundry water requirements by half as well. The reduced water use also means less energy is required to heat the water and, since the new machines have a higher spin cycle which wrings more water out of clothing during the washing phase, dryers need less time and less electricity. As a result, the new machines are expected to save the University more than \$110,000 in energy costs. In addition, the new washers require less detergent, thereby lowering costs to students and reducing emissions of detergent-derived environmental pollutants. University of Delaware and West Virginia University are also using these new washers.

<http://www.peterli.com/archive/cpm/948.shtm>

65. American University Installs High Efficiency Washers (08.24.05)

American University has installed 278 high-efficiency washers and dryers in its Residence Halls. The washers hold 32 percent more clothes than the old machines and save 18 gallons of water per load compared to conventional washers. Overall, the University expects the new machines to cut water consumption by 2 million gallons of water per year – enough water to fulfill the drinking needs of the AU community for two years.

http://veracity.univpubs.american.edu/summerweb/081005_laundry.html

66. CA Clean Energy Fund to Create Univ. Center on Energy Efficiency (07.06.05)

The California Clean Energy Fund, a \$30 million public benefit investment fund created as part of the Pacific Gas and Electric bankruptcy settlement, says it intends to award a \$1 million grant to establish and maintain the world's leading university center on energy efficiency. The grant will be awarded to a Northern California university which aspires to international leadership in the development of energy efficiency technologies and the removal of barriers to their rapid commercialization.

<http://www.cleandedge.com/story.php?nID=3632>

67. Cedar Valley Coll. Gains Prominence in Energy Efficiency Education (07.20.05)

Dallas County Community College District's Cedar Valley College has received funding to establish the Energy Efficient Green Building Institute. The institute "will promote the national agenda for the conservation of energy use in buildings, the use of environmentally responsible building technologies as well as the development of sustainable communities," according to college president Dr. Jennifer Wimbish. Courses offered by the Institute target two principal groups: people in the construction field who want to learn about energy and environmental efficiency, and homeowners and consumers who want to educate themselves about efficiencies in their existing homes or before buying a home. Down the road, Cedar Valley is looking into offering a self-contained, two-year associate degree.

<http://tinyurl.com/8qbx>

68. Mississippi State University Turns Down Heat to Save Energy (12.08.05)

Mississippi State University will be turning down its thermostat this year to reduce energy costs. The University will also be installing more efficient lighting and will organize an energy awareness campaign to encourage energy conservation.

<http://www.djournal.com/pages/story.asp?ID=207814&pub=1&div=News>

Other

69. New Energy for Campuses Report (10.19.05)

Energy Action and the Apollo Alliance have co-released New Energy for Campuses: Energy-Saving Policies for Colleges and Universities. The report lays out strategies for campuses to significantly reduce greenhouse gas emissions and save money at the same time. The report, which includes sections on renewable energy, energy efficiency and conservation, buildings, transportation, and financing strategies, features dozens of case studies of what campuses are already doing. The release of the report coincides with the launch of the Campus Climate Challenge, a long term campaign to reduce campus emissions of global warming pollution that organizers believe will be the largest student environmental mobilization in recent history.

http://www.energyaction.net/documents/new_energy.pdf

70. Energy Demonstration Center Opens at Northwestern Mich. Coll. (10.12.05)

The Michigan Energy Demonstration Center recently opened at Northwestern Michigan College. The center showcases sustainable energy technologies and features a partially built demonstration home to illustrate green building techniques. The grand opening included presentations on energy efficiency, high efficiency HVAC equipment, energy efficient lighting among other topics. A key goal of the grant funded center is to train students in the Construction Technology Program to install and service solar, wind, biodiesel and geothermal technologies as well as in the basics of green building in general.

<http://www.gthermal.com/herald/2005/oct/05energy.htm>

71. Cambrian College Plans for Sustainable Energy Centre (11.24.05)

Cambrian College recently announced plans for a Sustainable Energy Centre at Cambrian's Barrydowne campus. This new facility will provide a focus for the study and development of alternative energy systems for residential homes and small buildings and, at the same time, will become a laboratory for students in Cambrian's new three-year Energy Systems Technology program.

<http://tinyurl.com/7abm9>

72. University of Michigan Selected a Partner in Conservation and Sustainability Fellowship Program (12.15.05)

University of Michigan has been selected by Alcoa Foundation as the sole North American academic partner in the Alcoa Foundation's six-year Conservation and Sustainability Fellowship Program. The Foundation award will provide U-M with \$844,000 to support six, two-year post-doctoral fellows doing research on sustainable energy technology at U-M. The University is one of five academic partners in the Alcoa Foundation's \$8.6 million global research program, which supports the study of global conservation and sustainability issues. Through 2009, the program will support the research activities of approximately 30 academics and 60 sustainability practitioners from non-governmental organizations world-wide.

<http://www.umich.edu/news/?Releases/2005/Dec05/r120705>

6. Food & Agriculture

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Sustainable Farms & Gardens on Campus

1. Students Flock to Campus Organic Farms (07.27.05)

A recent Associated Press story describes student-run farms as well as campus efforts to support local and organic agriculture. The article notes that almost 60 campuses in 27 states now have student-run farms and about 200 campuses have signed up with farm-to-college programs, which match up local farmers with area universities. The University of Montana in Missoula, for example, allocates about \$425,000 to local meat, dairy and wheat products, about 17 percent of the school's overall food budget. In another example, after dining hall purchasers at Brown University started swapping Granny Smiths and Red Delicious for locally grown Macouns and Pippins apple consumption tripled. The effort has grown to include locally grown tomatoes and peaches, and milk from Rhode Island dairies. Some student farmers, like those at Dartmouth College in New Hampshire, sell the fruits of their labor at on-campus farmstands, while the bounty from the University of Idaho at Moscow gets parceled out each week to community members who have prepaid for baskets of whatever's fresh. In other cases, student farms supply their dining halls with fresh produce, while others sell directly to restaurants. At Colorado State University's student farm, what doesn't get sold on campus or eaten by volunteers is donated to local food pantries.

<http://tinyurl.com/a6dux>

2. Community Supported Agriculture Program Underway at Cal Poly (10.05.05)

A 10-acre Organic Farm on the California Polytechnic State University campus is supplying fresh vegetables, herbs, fruit, and eggs to subscribers of the farm's Community Supported Agriculture Program. "Community Supported Agriculture is a partnership, really," program coordinator Sandra Sarrouf said. "In exchange for a commitment to buy a share in our farm's harvest, students and staff commit to grow high quality herbs, vegetables and fruit for you."

<http://tinyurl.com/dkg28>

<http://www.calpoly.edu/%7Eesarc/csa.htm>

3. Money-Making Campus Farm in Works at Pierce College (10.12.05)

Pierce College (CA) is in the process of developing the Pierce College Farm, a model farming operation that administrators expect will bring in \$800,000 a year. The more than 25 acre farm will include: a farmers market to sell college-grown produce and flowers; a vineyard and winery with the college's own label; an equestrian center; and a farm experience program for Los Angeles schoolchildren. Other plans include experimental gardens and research displays for alternative power, water quality, organic farming and sustainable agriculture. The \$10 million farm will be independently financed with donations from private foundations, corporate sponsors and local businesses.

<http://www.montereyherald.com/mld/montereyherald/news/12822305.htm>

4. Organic Gardening in Drexel University Culinary Arts Program (09.22.05)

An elective in Drexel University's culinary arts program called Kitchen Garden offers training in organic gardening to 10 students per semester. The course also builds awareness of rare heirloom varieties of vegetables and helps students appreciate the flavors and textures of fresh produce. Students in the course tend an organic garden and provide the produce to the Bistro, a student-run restaurant on campus.

<http://www.fortwayne.com/mld/newssentinel/living/12685943.htm>

5. Closed-Loop Food System Pilot Project Shows Success at UMich (09.22.05)

A pilot project at UMich is taking food scraps from the University Club, feeding them to worms housed in on-campus botanical gardens, and using their waste to fertilize produce and herbs that are delivered back to the club. Cantaloupes, mesclun greens, lettuce, tomatoes, cabbage, carrots, beets and greens and herbs ranging from sweet and lemon basil to marjoram and dill are among the items grown at the botanical gardens and used on campus. Chef Rob Sutch says everything that comes from the gardens is better than what he could purchase from suppliers, because it is picked fresh and brought directly to the U-Club.

<http://www.umich.edu/news/?Releases/2005/Sep05/r091405d>

6. University New Hampshire to Establish Organic Dairy Farm (12.15.05)

The University of New Hampshire has announced that it will establish an organic dairy farm for research, education, and outreach, making it the first land-grant university to have an organic dairy farm. The new research dairy farm, located on a 200-acre parcel of certified-organic land at the university's Burley-Demeritt Farm in Lee, N.H., will begin operation this month with the acquisition of 50 to 60 Jersey heifers. Certified organic milk production is expected to begin in December 2006. The farm will serve as both an applied research center for integrated organic production and management and an education center for organic dairy farmers, farmers undergoing or considering transition to organic, and students of sustainable agriculture. Organic yogurt maker Stonyfield Farm has made a \$200,000 leadership gift to the project, which carries an estimated price tag of \$1.5 million.

http://www.unh.edu/news/news_releases/2005/december/bp_051205organic.html

<http://tinyurl.com/by7lj>

<http://www.seacoastonline.com/2005news/12062005/news/76541.htm>

7. Hampshire College Students Provide Fresh Produce for WIC Participants (09.28.05)

As part of a course entitled Agriculture, Food and Human Health, Hampshire College students are harvesting fresh organic produce on the college farm and delivering it for distribution to the regional office of the Special Supplemental Nutrition Program for Women, Infants, and Children (WIC). WIC is a federal program that safeguards the health of women, infants and children up to age five who are at nutritional risk by providing nutritious foods to supplement diets, as well as nutrition counseling and referrals to health care. Through the program, the students are helping to provide fresh fruits and vegetables each week to 25 area families. The cost of the fruits and vegetables are being offset by the college and members of the Community Supported Agriculture program of the Hampshire College Farm Center. The class is taught by Associate Professor of Public Health Elizabeth Conlisk, who hopes to expand this fall's five-week pilot program in the future.

<http://www.hampshire.edu/cms/index.php?id=7444>

8. University of Minnesota's Organic Farm Aids Student Growth (08.10.05)

Cornercopia is a small, student-run organic farm on the University of Minnesota's St. Paul campus. It began through a student group, and sells to co-ops, the Hopkins school district, two local restaurants and the campus farmer's market. Thirteen interns work on the farm, and each has a research project he or she is in charge of, varying from consumer motivation to cut flower production.

<http://sof.coafes.umn.edu/>

9. Campus Farming at Prescott College (11.17.05)

Prescott College's 30 acre Wolfberry Farm serves as an experimental agroecology facility for the College. The farm uses no chemical pesticides and grows about 30 types of plants each year. Students distribute the produce to members of a Community Supported Agriculture program. To save water in their water scarce region, students are experimenting with drought tolerant and water saving irrigation technologies. The farm also includes a straw bale caretaker house powered with photovoltaic solar panels.

<http://www.azcentral.com/arizonarepublic/local/articles/1113solar13.html>

<http://www.prescott.edu/highlights/farm.html>

<http://www.oriononline.org/pages/ogn/members/pcprofile.html>

Sustainable Dining on Campus

10. Farm-to-Cafeteria Movement Growing on Campus (08.24.05)

The *New York Times* reports that the farm-to-cafeteria movement is growing at colleges and universities around the country. More than 200 universities are supporting a farm-to-cafeteria movement to build their menus around fresh local ingredients. As colleges compete for students, locally grown food has become a marketing tool for baby boomer parents, who created the organic food movement, and their environmentally aware children. By increasing connections between local farmers and campuses, farm-to-cafeteria programs have also been known to improve town and gown relationships. Kenyon College, Middlebury College, Bates College, Oberlin College, Ohio University, Berkeley College at Yale, and Penn College of Technology, all offer menus on which 30 percent or more of the food is locally grown.

<http://www.nytimes.com/2005/08/24/dining/24school.html>

<http://www.slowfoodla.com/images/f-to-s-nyt.pdf>

11. Time Magazine Covers Farm to College Movement (11.10.05)

The new activist slogan on campuses is "Eat local," according to a recent issue of Time Magazine. The magazine reports that over 200 campuses are engaged in eat local initiatives and around 45 have farms on campus. The article highlights several campus initiatives. University of Portland is spending 40 percent of its food budget - 20 times more than five years ago - on local products, and Williams College recently doubled its purchase of local products to 14 percent of spending on food. Similarly, food service company Bon Appétit spends about 20 percent of its budget on local foods. University of California students recently launched a campaign asking the UC system to devote at least 10% of its \$20 million annual food budget to local and organic products. While purchasing more local foods can sometimes increase costs, University of Montana found that, despite higher initial prices, switching to local food actually reduced overall costs because of reduced spoilage.

<http://www.time.com/time/magazine/printout/0,8816,1126709,00.html>

12. NY Times Covers Sustainable Dining at Yale (05.18.05)

A recent New York Times article discusses the food service at Yale University's Berkeley College. The food in Berkeley College's dining hall, which mostly locally produced, seasonal crops and organic ingredients, is so good that students from other colleges try to sneak in. The dining hall is an outgrowth of Yale's Sustainable Food Project, which supports local farmers and maintains an organic garden.

<http://www.artsci.wustl.edu/~anthro/articles/yale.htm>

13. Bon Appétit Management Company Issues Eat Local Challenge (10.05.05)

Food service provider Bon Appétit has challenged its 190 restaurants and cafés - many of which are based on college and university campuses - to serve a meal using only ingredients from within 150 miles of the kitchen where they are served. Salt is the only exception, though an ambitious chef at University of Portland chose to make his own salt by boiling down seawater. The University also unplugged its soda machines, since the soda isn't made locally. At Eckerd College in Florida, students and chefs visited a local farm where they picked beans together. Chefs hope this will be the first of many trips to harvest local produce for the dining hall.

<http://www.bamco.com/website/elcrelease.pdf>

http://www.sptimes.com/2005/10/05/Taste/A_local_production.shtml

14. CSU Monterey Bay Restaurant Serving Organics at No Extra Cost (10.12.05)

As a result of a partnership between Earthbound Farm and food service company Sodexo, the new menu at The Otter Bay, a restaurant at California State University Monterey Bay, features 100% organic fresh produce and 95% organic produce in prepared meals. As the price of Earthbound Farm produce is similar to the price for conventional produce, the Otter Bay is able to offer organics without any cost increase to restaurant patrons. The Otter Bay also uses biodegradable flatware and containers for take-out made with a corn-based plastic. The move comes at the urging of CSUMB students, faculty and staff who have reportedly wanted such a choice for years. Earthbound Farm, the largest grower-shipper of organic produce in the world, is also working to launch similar partnerships with the University of Notre Dame, Michigan State University, Stanford University and Boston College.

<http://tinyurl.com/7sca2>

<http://csumb.org/dining/locations.html#Otter>

<http://www.montereyherald.com/mld/montereyherald/business/12504421.htm>

15. More Sustainable Dining Options Come to CSU Chico, UNH, U Missouri-Columbia, and Rice U (12.01.05)

Within a year, Associated Students Food Service at California State University, Chico plans to offer organic produce, biodegradable packaging and more vegetarian and vegan options. University of New Hampshire's Dining Service is also adding more vegan items to their menu, and recently held a successful Local Harvest Dinner. One dining hall at University of Missouri-Columbia has similarly started incorporating locally grown food into its menu. Meanwhile, the Coffeehouse at Rice University has begun offering organic, fair trade coffee from a local roaster.

<http://tinyurl.com/75a6v>

<http://tinyurl.com/7lllf>

<http://www.themaneater.com/article.php?id=22763>

<http://the.ricethresher.org/news/2005/11/18/coffeehouseorganiccoffee>

16. Sustainable Dining Initiatives at UC Santa Cruz (11.17.05)

University of California, Santa Cruz recently adopted guidelines promoting the purchase of organic and locally grown produce as well as the recycling of used cooking oil. Last year, 12% of the produce served in campus dining halls was organic. This fall, the University began working with the Agriculture and Land-Based Training Association (ALBA) to purchase organic produce from local family farmers. ALBA is a non-profit organization that, among other things, trains farm workers to run their own small scale sustainable farms. The University's commitment allowed the group to increase output by 300% in one month. In addition, the dining services

department is reducing waste by minimizing overproduction and donating any leftovers to a local food bank. The dining services also plans to donate used cooking oil for biodiesel production.

<http://currents.ucsc.edu/05-06/11-14/dining.asp>

<http://currents.ucsc.edu/03-04/06-14/dining.html>

<http://currents.ucsc.edu/03-04/09-22/coffee.html>

17. Ball State University Considering Move to Locally Grown Produce (08.03.05)

Produce grown in east central Indiana soon could find its way into the dining halls of Ball State University. The university's Dining Services is considering incorporating food produced by local farmers into its meals and catered events as early as next school year. The partnership, a farm-to-college program, would enable Ball State to bolster the local farm economy and to offer a line of naturally grown, fresh food to students and staff.

<http://www.fortwayne.com/mld/fortwayne/news/local/12270207.htm>

Fair Trade Coffee

18. Fair Trade Coffee Comes to Whitworth College and UMASS Amherst (11.24.05)

Dining Services at UMass Amherst has begun offering fair trade coffee from Pura Vida as one of the coffee option in on campus retail outlets. The move came after marketing research showed that almost 60 percent of students wanted fair trade coffee to be available on campus. On the other side of the country, Whitworth College's dining services contractor Sodexo has also made fair trade coffee available on campus.

<http://www.dailycollegian.com/vnews/display.v/ART/2005/11/22/43828c9b91470>

<http://tinyurl.com/cl6mu>

19. Washington State University Chooses More Sustainable Coffee (10.27.05)

Washington State University Dining Services has announced that all dining facilities, espresso bars and markets will now serve Fair Trade Coffee. The Department was able to make the switch without changing their suppliers and has opted not to increase prices for coffee. The University consumes 16,000 pounds of coffee a month. "Most people are thrilled to learn more about sustainable practices. We're finding with our coffee that people are really interested in the issues," said Food Service Outreach Coordinator Gina Murray.

<http://wsunews.wsu.edu/detail.asp?StoryID=5408>

http://seattlepi.nwsourc.com/local/6420AP_WA_Fair_Trade_Coffee.html

Other

20. Kellogg Foundation Endows Sustainable Agriculture Research at UC Davis (07.13.05)

The W.K. Kellogg Foundation has made a gift of \$1.5 million to establish an endowed chair to support the new Agricultural Sustainability Institute at the University of California, Davis. The gift will fund the W.K. Kellogg Endowed Chair in Sustainable Food Systems within the institute. The foundation also has provided a \$95,000 grant to help the institute initiate and host an annual symposium series for the nation's academic leaders in the areas of the sustainability of agriculture and food systems.

Combining existing programs with additional funding from the state will provide the institute a budget greater than \$1 million annually, helping to make UC Davis a leader in defining, studying and teaching sustainable farming.

http://www.news.ucdavis.edu/search/news_detail.lasso?id=7403

<http://www.sacbee.com/content/business/story/13196205p-14039278c.html>

7. Transportation

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Bicycling

1. Duke Offers Free Parking Passes to Bike Commuters (01.06.05)

In December, Duke University began offering up to 12 one-day parking passes to students and employees who rely primarily on their bikes to commute to campus. The free parking pass program will allow individuals to choose bike commuting without being “penalized” on the occasions when they must drive to work. Previously, bike commuters had to pay \$12 a day to park in visitor parking when weather or other needs required they come to campus by car. If a bicycle commuter did that just 9 times in a year, they could pay more for parking than someone with a year-long parking permit.

<http://www.duke.edu/sustainability/2005-12-01bicyclepermit.html>

2. University of Toronto Launches Bicycling Initiative (09.28.05)

The University of Toronto has opened a new self-help bicycle repair shop and resource centre in September to encourage its 50,000 community members to commute by bicycle. Equipped with a full professional bike repair tool set and a selection of parts, the repair shop will have two experienced bike-repair helpers on standby every weekday afternoon. They will fix flat tires, change brake pads, clean chains and make minor alignment adjustments, as well as educate and instruct bike owners in the repair process. The shop will eventually act as a hub for the successful yellow-bicycle lending program of Toronto’s Community Bicycle Network. The mandate of the shop is to reduce traffic congestion and promote an environment-conscious bike culture on campus.

<http://www.news.utoronto.ca/bin6/050919-1640.asp>

<http://tinyurl.com/c74pu>

Car Sharing

3. Car Sharing Finds Success on Campus (09.22.05)

Twenty campuses on the east coast are engaged in a car sharing program offered through Zipcar. The program allows students, faculty and staff to reserve vehicles by the hour or day. Participants associated with a campus partner pay a much reduced annual fee (\$25 vs. \$175) and can then rent the vehicles at a rate of \$8.50 per hour or \$60 per day. Partner schools must provide reserved parking spots for the vehicles as well as basic maintenance and cleaning, but do not pay a fee. Zipcar estimates that each of their vehicles located on campus takes 7 to 10 cars off the road, thereby reducing congestion and demand for on-campus parking. According to Zipcar, about 20 percent of its users come through its college program.

<http://www.nytimes.com/2005/09/21/education/21zipcar.html>

<http://www.oberlin.edu/stupub/ocreview/2005/9/16/news/article5.html>

<http://www.zipcar.com/universities/>

4. Four New Campuses Offer Car Sharing Through Zipcar (12.15.05)

Zipcar, a provider of self-service cars for use by the hour or day, announced in December that four new colleges - University of Minnesota, Brown University, Rutgers University and University of Massachusetts-Boston - will make Zipcars accessible to their college community. Because participating in a car sharing program is often cheaper than owning a car, car sharing programs can reduce the number of vehicles on campus. As a result, they have become increasingly attractive to campuses facing limited parking, high infrastructure costs and increased

traffic congestion. At University of Massachusetts at Boston is using car sharing to reduce motor-pool costs by replacing 10 state-owned vehicles with two Zipcars.

<http://www.zipcar.com/press/releases/press-32>

Hybrids

5. Oregon State University Adds Hybrids and Flexible Fuel Vehicles to Motor Pool (10.19.05)

During the spring, Oregon State University added six Toyota Prius hybrids and twelve flexible fuel vehicles that can run on regular fuel or a mixture of up to 85 percent ethanol fuel to its motor pool. According to Motor Pool Manager Ed Vnenchak, these new vehicles so popular that they are often difficult to reserve. Indeed, the hybrid is the number one car that people request.

<http://barometer.orst.edu/vnews/display.v/ART/2005/10/12/434c9ac11e914>

6. University of Toronto to use Hybrid SUV for Policing (09.07.05)

In a first for Canadian universities, the University of Toronto Police Service began using a Ford Escape Hybrid in September as a support vehicle on the St. George campus. The hybrid Escape gets around 32 mpg, about 50 percent higher than the conventional Escape.

<http://www.news.utoronto.ca/bin6/050901-1599.asp>

Biofuels

7. Rocky Mountain Biodiesel Industries to Open Biodiesel Facility on CU Boulder Campus (08.10.05)

Rocky Mountain Biodiesel Industries, in cooperation with CU Biodiesel, is opening a small biodiesel production facility on the campus of the University of Colorado at Boulder. The facility will be about the size of a storage trailer and will be able to produce about 12,000 gallons a year. Currently, CU Biodiesel produces biodiesel out of a 55-gallon drum. The new facility, which should be open this fall, will meet industry standards and will be used both for teaching purposes and to produce fuel for campus vehicles.

<http://www.lovelandfyi.com/Top-Story.asp?ID=1572>

<http://www.longmontfyi.com/tcBusiness/business-story.asp?ID=3026>

8. University of Georgia To Use Ethanol (08.31.05)

In August, the University of Georgia announced that it would bring on line an ethanol pilot plant by the end of September. Ultimately, the plant will be able to produce about 150,000 gallons of ethanol per year. The ethanol will be used to power the University's gasoline vehicles, at a ratio of 10 percent ethanol and 90 percent gasoline, which will work without any changes to equipment. The University expects to save \$50,000 a year in fuel costs from the shift to ethanol. In the future, the University plans to buy vehicles that are manufactured to use an E-85 mix — 85 percent ethanol and 15 percent gasoline — which would result in much greater savings and cleaner emissions. The University is also looking at using biodiesel to power campus buses and other diesel-powered equipment.

<http://www.redandblack.com/vnews/display.v/ART/2005/08/30/4313df9d7000c>

9. University of Wisconsin-Madison to Begin Using Biodiesel Blend (03.01.05)

In an effort to improve air quality on the campus, UW-Madison announced in February that its fleet of diesel fueled vehicles would soon be fueled with a blend of 80% ultra-low sulfur diesel and 20% soybean-based biodiesel. The new fuel blend is expected to lead to a 15 percent reduction in particulate matter, a 13 percent reduction in hydrocarbons, an 8 percent cut in carbon monoxide and a 16 percent decline in emissions of carbon dioxide.

<http://www.news.wisc.edu/10691.html>

10. University of North Carolina Chapel Hill to Use Biodiesel (09.07.05)

University of North Carolina recently began using biodiesel in its Campus Shuttle Service buses. The extra cost of this change is expected to be less than \$4,000. A \$4-per-semester energy fee that students approved in a referendum will cover this additional cost, in addition to funding other projects like a solar hot water system in one of the residence halls. Nearby North Carolina State University and Duke University also use biodiesel in their shuttles.

<http://tinyurl.com/9uh8r>

11. University of Virginia to Use Biodiesel in Bus Fleet (10.27.05)

In October, the University of Virginia started using B20 (a 20% biodiesel, 80% diesel blend) to fuel its 30-bus fleet. The move comes after a pilot program that ran biodiesel in two buses over the summer showed that the biodiesel blend didn't reduce fuel economy and also didn't require increased maintenance. Rebecca White, the Director of Parking & Transportation, also plans to replace the 18 cars and trucks in UV's fleet with diesel and hybrid vehicles over the next 12 years. Some professors are using biodiesel as a teaching tool. Mark T. Aronson, an Associate Professor of Chemical Engineering, and Bob Davis, chairman of the Chemical Engineering department, have asked Introduction to Chemical Engineering students to design an efficient process for converting vegetable oil into biodiesel.

<http://tinyurl.com/e4l4m>

<http://www.virginia.edu/insideuva/biodiesel.html>

12. Biodiesel Effort in Progress at University of New Hampshire (11.24.05)

An inter-departmental team of professors and students at University of New Hampshire are purchasing a biodiesel processor. The group plans to use the processor to convert waste vegetable oil from campus dining halls into biodiesel for use in University vehicles. The University expects to begin testing biodiesel in off-road agricultural vehicles in about a month and, if these trials are successful, will begin switching buses over to biodiesel as well.

<http://tinyurl.com/89lq5>

Other

13. University of California To Develop Sustainable Transportation Guidelines (09.28.05)

In September, the University of California Board of Regents authorized UC President Robert Dynes to develop guidelines to advance sustainable transportation initiatives. Under the guidelines, the University of California will, among other things: establish benchmarks for reducing greenhouse gas emissions; evaluate economic and environmental costs of petroleum and other transportation fuels with the goal of establishing a least-cost economic and environmental strategy for campus fleets;

work with regulatory agencies to speed development and implementation of programs and technologies that support goals of sustainable transportation, such as increasing use of bio-diesel and other alternative fuel sources; set goals for increasing low- or zero-emission vehicles in UC fleets; pursue affiliate membership with the California Climate Action Registry; and establish protocols for collecting and interpreting benchmarking data needed to track UC's progress in advancing sustainable transportation practices.

<http://www.universityofcalifornia.edu/news/2005/sep22.html>

14. Calhoun Community College Modifies Class Schedule to Lower Students' Commuting Costs (10.12.05)

Faced with student concerns about the high cost of commuting to and from campus, Calhoun Community College in Alabama restructured the Spring class schedule such that classes which are normally held for 50 minutes each Monday, Wednesday and Friday will instead be held for an hour and 15 minutes on just Mondays and Wednesdays. School officials believe that the change may be a helpful academically as well since less frequent, longer class periods reduces the teaching time lost in settling in and packing up.

<http://insidehighered.com/news/2005/10/12/calhoun>

<http://www.calhoun.cc.al.us/Schedule/spring2006/index.html>

15. Cornell Students End Parking Protest in Exchange for Environmental Measures (07.20.05)

A tense situation at Cornell University came to an end recently when students, faculty and community members occupying the site of a proposed parking lot reached an agreement with the University. Under the agreement, the 176-spot parking lot will go forward unimpeded and, for the next two years, the University will provide free transit passes to incoming students who forgo parking permits. The agreement also included a year extension for an intern who was hired last academic year to try to find ways to make the university more environmentally sustainable. The rest of the agreement focused on creating public forums for students and faculty members to share thoughts about campus development, including an assessment in 2005-6 of issues like "a potential ban on cars for freshmen (or freshmen and sophomores)," according to the agreement. In the agreement, Cornell also said it will forgive violations of campus code by protesters in the last week. Protestors had been occupying the site of the proposed parking lot, an area called the Redbud Woods, for weeks.

<http://tinyurl.com/e4rfv>

<http://www.insidehighered.com/news/2005/07/19/cornell>

<http://www.nytimes.com/2005/07/18/nyregion/18cornell.html>

16. Drury University Offers Incentives for Employees to Live Near Campus (09.28.05)

Drury University of Springfield MO has partnered with a local credit union to offer financial incentives for faculty and staff to live within walking distance of the campus. When they buy a house in the neighborhood around campus, Drury employees receive reduced interest rates on home mortgage and equity loans. The Southwest Teachers Credit Union discounts 0.75% from the market interest rate for the first 5 years of the loan and Drury increases your salary each month to cover another 0.75% of the interest for the same five year period. On net, employees receive a 1.5% discount on market interest rates for five years. Drury hopes the program will build community.

<http://tinyurl.com/cp7t5>

8. Waste, Water, Procurement & Landscaping

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Waste Minimization & Recycling

1. College of the Atlantic Holds Zero-Waste Commencement (06.08.05)

From May 27th to June 4th, College of the Atlantic in Bar Harbor, Maine held what they believe to be the first-ever college graduation with no-waste. During commencement and week of festivities preceding it, all trash was reused, composted, or recycled. The College achieved this ambitious goal by strategically placing recycling and compost bins around campus, educating and asking for cooperation from guests, and using utensils, plates and cups derived from biodegradable starch-based materials. Anything that cannot be reused, recycled, composted or sent home with the person who brought it will be molded into a student-created sculpture that will be displayed at the graduation ceremony. In addition, electric buses will transport visitors between events and hotels to reduce gas consumption and associated greenhouse gas emissions. The zero-waste zone will even include dorms as students move out for the summer: no dumpsters will be provided, and belongings that can't be donated or recycled must be carried off campus.

<http://www.megreencampus.com/COAzerowaste.html>

<http://www.coa.edu/html/2005commencement.htm>

<http://www.bangornews.com/news/templates/?a=112934&z=178>

<http://www.nytimes.com/2005/06/04/education/04recycle.html>

2. MIT Improves Recycling Rate, Reduces Waste (08.03.05)

In seven years, the amount of waste recycled on the MIT campus has gone from less than 5 percent to 36 percent of the total waste generated and campus officials are shooting for 40 percent by the end of the year. In addition to bottles, cans, and paper, MIT also recycles construction and demolition materials as well as rubber tires. It also composts food and yard waste. The campus is also producing less waste as a whole. In 2001, the campus produced 8,000 tons of trash (both recycled and non-recycled). By 2004, trash generation had dropped to 7,000 tons. To complete the cycle, MIT has also begun using products purchased through Office Depot's green catalog, which offers recycled pens, paper, folders and more. Hoping to build on these achievements, this fall, in collaboration with the Environmental Programs Office, the Laboratory for Energy and the Environment will offer a Freshman Advising Seminar on campus greening, for credit.

<http://web.mit.edu/newsoffice/2005/recycling-campus.html>

3. Auburn University Offers Incentives For Recycling (09.07.05)

For the first time at an Auburn University football game, people will be encouraged to recycle their trash, instead of littering or throwing it away. Under a new program, lucky football fans "caught" correctly using new recycling bins at the stadium will receive miniature helmets autographed by head coach. Fourteen miniature helmets will be given away over the course of the season, with two being awarded each home game. Donny Addison, the University's new recycling coordinator, hopes the possibility of receiving a prize will motivate stadium goers to be more responsible with their trash.

<http://www.theplainsman.com/vnews/display.v/ART/43175e5a2029f>

4. Broward Community College Strengthens Its Recycling Program (08.17.05)

In partnership with the Broward County Recycling and Contract Administration Division, Broward Community College recently implemented a new recycling program at its Pembroke Pines, Davie and Coconut Creek campuses. BCC previously operated a stand-alone recycling program, but the program was plagued by the fluctuations in prices paid for recyclables. Now the county is providing the recycling bins and containers, and Waste Management Inc. will pick up the recyclables. In addition, the county will hire a BCC student at each campus to serve as recycling aides to help promote and evaluate the program and to monitor the bins. BCC will absorb the cost for pick-up and split revenues with the county from the sale of the recyclables. The college also is finalizing talks with two vendors to create a recycling program for toner ink cartridges used in copy machines and computer printers. The recycling program is part of a wider effort that also includes energy efficiency and using landscaping that doesn't require as much water.

<http://tinyurl.com/9er2m>

5. Miami Univ. and CSU San Marcos win RecycleMania 2005 (04.20.05)

RecycleMania is a friendly competition among university recycling programs in the United States. Over a 10-week period, schools compete to see which institution can collect the largest amount of recyclables from residence halls, on-campus apartments and dining halls. Schools report measurements on a weekly basis in pounds recycled per student living on campus. This year Miami University triumphed in the Per Capita competition, while California State University San Marcos consistently posted a 40+ percent recycling rate to dominate in the new Recycling Rate contest.

<http://www.recyclemaniacs.org/results.asp>

6. Recycle This: A Look at Recent Campus Programs (02.02.05)

This article, by Marc Fournier and in the January/February issue of Facilities Manager magazine, investigates the experiences of 36 campus recycling programs over the past 5 years.

<http://www.sustainus.org/UTenvironment/recyclethis.pdf>

Water Conservation

7. University of Victoria Reusing Waste Water (08.31.05)

The University of Victoria Department of Facilities Management was recently awarded the Association of Higher Education Facilities Officers' 2005 Effective and Innovative Practices Award for its innovative water reuse initiative. As a result of the initiative, 200 million liters of water a year that would be normally flushed down the drain from research fish tanks on campus is being filtered and treated with ozone and chlorine, then diverted to the new medical services building's toilets and urinals. The system is to be expanded this January into the engineering and science building now under construction, for an additional saving of 2.7 million liters a year. In the engineering building, the university will also use the water to provide an additional heating source for the building through a water-to-water heat pump that's expected to generate about 300,000 kilowatts a year. The cost of the waste-water program, over a two year period of research, design, implementation and monitoring, was about \$100,000.

<http://communications.uvic.ca/releases/tip.php?date=25082005>

8. Duke University to Conserve Water in Response to Drought (11.24.05)

In response to a summer-long drought, the City of Durham has asked Duke University to cut daily water usage by 30 percent or more. To meet this target, the university plans to: reducing the frequency and amount of time that irrigation systems are in operation by more than 30 percent; decrease the watering of new trees and shrubs from thrice to twice weekly; shut off fountains; attach special watering containers, called "Gator Bags," to new plantings and stressed existing plants; and reduce the amount of water distributed by the university's water truck by 40 percent. In addition, fliers will be posted in residence halls to encourage students to save water by reducing shower times and turning the water off while they shower. The University has already been engaged in water conservation activities, including the installation of low-flow flush valves, low-flow shower heads and aerators whenever possible and the use of plants that need less watering. In the late 1990s and early 2000s, Duke made improvements to its steam plant that save approximately 12 million gallons of water annually.

<http://www.duke.edu/sustainability/2005-11-11drought.html>

Environmentally Preferable Procurement

9. College Students Want Environmentally Preferable Products (08.17.05)

According to a back-to-school survey commissioned by Center for a New American Dream, an environmental nonprofit, nearly all (93%) of college students agree that American consumers can conserve resources, protect workers, and build a better world by shopping carefully for environmental and fair trade products. The survey shows a growing number of college students, eight in ten (89%), are willing to spend extra money for products produced by companies that pay workers good wages and provide desirable working conditions. According to the survey, a majority of students (88%) want their campus store to offer more environmental and fair trade products. Some campuses are leading the charge. Duke University and Middlebury College offer recycled paper, notebooks, binders, and fair-trade clothing in their campus bookstores. The Center has launched www.shopbacktoschool.org to help students find necessary school items without straining their wallets or the environment.

<http://www.newdream.org/about/BTSRelease.pdf>

<http://www.newdream.org/buy/bts/index.php>

10. Duke To Use Remanufactured Ink Cartridges Exclusively (07.27.05)

Since July 1st, Duke University has been using remanufactured printer cartridges exclusively. These cartridges save resources, energy, money and landfill space and perform as well as conventional cartridges. Average savings for remanufactured cartridges range from 28% for inkjet cartridges and 33% for laser cartridges. Duke expects to save \$400,000 a year as a result of this change.

<http://www.duke.edu/sustainability/2005-06-14toner.html>

11. Duke Switches to Biodegradable Transformer Fluid (01.06.06)

For over a year, Duke has exclusively been buying transformers that use a seed-oil based coolant rather than petroleum and silicone based coolants. Facilities staff believe the environmentally friendly coolant enhances performance, is safer and reduces dependence on oil. The fuel has a higher fire point than either petroleum or silicone based coolants and is readily biodegradable.

<http://www.duke.edu/sustainability/2005-12-01envirotemp.html>

12. "Green Purchasing: Zero to 60," Duke Shares Green Purchasing Lessons (11.24.05)

Duke University has posted the slides from a presentation detailing the University's green purchasing initiatives. Duke's efforts started in the fall 2003. Since then the University has hired Green Purchasing Specialist and adopted Environmentally Preferable Purchasing Guidelines, as well as an ENERGY STAR policy adopted. As a result of these efforts, 38% of office product purchases are now Earthsaver products (up from 11% one year ago) and 30% of office product contract items are now Earthsaver products. In addition, the exclusive use of remanufactured toner cartridges is saving the University \$290,000 annually. Recently, Duke launched a Green Labs purchasing program to promote environmentally sensitive lab products and practices.

<http://www.duke.edu/sustainability/2005-11-03smartsustainable.html>

Habitat Restoration, Native Landscaping

13. Washington State University to Purchase and Protect Magpie Forest (04.27.05)

In celebration of Earth Day, 2005, Washington State University announced April 22 its plans to purchase Magpie Forest, a 14-acre patch of endangered Palouse Prairie still surviving on the northern edge of Pullman. Magpie Forest has long been valued by local conservation groups and researchers for the rich biological diversity of its native plants, but the explosive growth of housing in Pullman caused many to worry that the land soon would be divided up for housing developments. WSU will use the land as an outdoor environmental science laboratory for use by our faculty and students.

<http://www.wsunews.wsu.edu/detail.asp?StoryID=5205>

14. Reed College See Progress in Canyon Restoration (06.29.05)

Since hiring a full time grounds specialist to focus on canyon restoration 4.5 years ago, Reed College has seen great progress in its effort to restore the Reed Canyon. The 24 acre canyon, about a quarter of the campus, was overrun with non-native invasive species. Now, after planting 75,000 native plants and building a fish ladder, native species, including the threatened lamprey, are returning.

<http://www.portlandtribune.com/archview.cgi?id=30595>

15. Native Landscaping Project Begins at Ithaca College (10.12.05)

Students and faculty at Ithaca College are experimenting with landscaping that uses native wildflowers and grasses. This fall, the students are gathering baseline data on the soil quality. They plan to do similar experiments in the spring to determine the impacts of the new landscaping. The landscaping initiative is one of more than a dozen sustainability-related research projects planned by the Center for Natural Sciences Sustainability Group.

<http://www.ithaca.edu/ithacan/articles/0510/06/news/3alternati.htm>