Carnegie Mellon
GREEN PRACTICES

the green scene

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please recycle or pass it on!

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RUSH TO RECYCLE

Sponsored By YOUR SCHOOL and Commonwealth of PA
Mark Schweiker, Governor

OCTOBER 7 - NOVEMBER 30

Attention: All Students, Faculty and Staff

Don't walk past the recycle bin... pitch in your recyclables and we could win!

Carnegie Mellon has joined the "Rush to Recycle" Challenge sponsored by the Pennsylvania Department of Environmental Protection (DEP). We are competing against 17 other colleges and universities across the state.

For eight weeks between October 7 and November 30, 2002, items recycled on campus, (including steel and aluminum cans, plastic and glass bottles, office paper, and cardboard) count towards our bi-weekly recycling weigh-in. The school that increases its recycling percentage the most wins the "Grand Prize" of a huge promotional event for their campus (chosen by the administration and DEP) such as a concert, ice cream/pizza social or lawn party to congratulate the students, faculty and staff for their participation. Challenge winners will also be given recognition in the local/regional press and on the DEP website.

For more information about the "Rush to Recycle" Challenge and to track how we're doing, visit DEP at www.dep.state.pa.us/hosting/rushtorecycle.

Learn more about the challenge and our recycling efforts and campus Green Practices at www.cmu.edu/greenpractices.

turn over for more Carnegie Mellon environmental initiatives...

Carnegie Mellon Environmental Initiatives

Green Practices
www.cmu.edu/greenpractices

As part of the Carnegie Mellon strategic initiative to enhance the scope and impact of our education and research programs related to the environment, Green Practices was established in 1998 (originally as the Environmental Practices Committee). The Green Practices Committee strives to develop university practices that improve environmental quality, decrease waste, and conserve natural resources and energy, thereby establishing Carnegie Mellon as a practical model for other universities and companies. The committee is comprised of faculty, staff and students from many aspects of the university community including recycling, energy management, transportation, design and construction, dining, housing, purchasing, and education.

Green Design Initiative
http://gdi.ce.cmu.edu

Carnegie Mellon University began a campus-wide Green Design Initiative in 1992 to promote environmentally conscious engineering, product and process design, manufacturing, and architecture. The initiative involves forming partnerships with industrial corporations, foundations, and government agencies to develop joint research and education programs which improve environmental quality while encouraging sustainable economic development.

Undergraduate and graduate students at CMU are offered elective courses that provide a deeper understanding of scientific, engineering, economic, social, and policy issues relating to the environment. Furthermore, special opportunities exist for talented undergraduates to work with faculty and graduate students on Green Design research projects.

Graduate students participating in the Green Design Initiative are based in a traditional department or college. Currently most graduate students in the Green Design program are based in the Departments of Civil and Environmental Engineering, and Engineering and Public Policy, in the Engineering College, and in GSIA.

Green Chemistry
www.chem.cmu.edu/groups/Collins

Through the work of Professor Terry Collins' group, Carnegie Mellon has emerged as a world leader of the rapidly developing field of green chemistry. Use of the group's research in a myriad of large-scale oxidation processes is expected to reduce undesirable elements in technological and even household wastestreams. The Collins group's efforts coincide with the wide-ranging goals of the Green Design Initiative.

Environmental Institute
www.ce.cmu.edu/EnvInst

Carnegie Mellon's Environmental Institute has been providing national and international leadership since it was established in 1991. It includes faculty, students, and staff from throughout the university. The mission of the Institute has three components:

1) To develop innovations in environmental education at the undergraduate and graduate levels, 2) To promote interdisciplinary environmental research that will enable Carnegie Mellon to continue its leadership in developing new knowledge, and 3) To foster a sense of community and develop outreach activities by bringing together individuals with diverse environmental interests both on and off campus.

At the undergraduate level, students with an interest in the cultural, economic, philosophical, scientific, and technological aspects of the environmental field can choose from a variety of environmental courses offered by a number of departments, including Architecture, Art, Chemistry, Civil and Environmental Engineering, Engineering and Public Policy, History, and Philosophy. Students in the College of Engineering can pursue a Minor in Environmental Engineering, while students in Humanities and Social Studies can pursue an additional Major in Environmental Policy.

At the graduate level, Carnegie Mellon offers advanced education in environmental architecture, art, engineering, science, policy and related topics. Environmental education and research takes place in several departments and results in world class research in green building and product design, air and water quality protection and restoration, green chemistry, environmental art, environmental history, environmental policy, and other areas.

Center for the Integrated Study of the Human Dimensions of Global Change
http://hdgc.epp.cmu.edu

This Center within the Department of Engineering and Public Policy is a coordinated research program by 47 Collaborators at 22 Institutions - 13 Institutions in the US, and 9 in seven other countries - interested in interactions of society and the environment.

Center for the Study and Improvement of Regulation
www.epp.cmu.edu/csir

The study of environmental, health, and safety regulation requires interdisciplinary understanding. The center is housed in the Department of Engineering and Public Policy and carries out research that crosses the boundaries of traditional disciplines.

Center for Building Performance and Diagnostics
www.arc.cmu.edu/cbpd

The Center for Building Performance and Diagnostics (CBPD), in the School of Architecture, conducts research, demonstrations, and teaching in relation to the performance of advanced building systems and technologies. The CBPD is located in the Robert L. Preger Intelligent Workplace, a living laboratory for research and demonstration of high performance workplaces. The research faculty of the CBPD teach in both the undergraduate and graduate Architecture programs to emphasize the importance of improving the quality of the built environment through systems integration for high performance buildings.

Within the graduate School of Architecture and the CBPD, the following programs are offered;

M.S. in Building Performance and Diagnostics, M.S. in Computational Design, M.S. in Sustainable Design, M.S. in Architecture Engineering Construction Management, and Master of Urban Design.

The Brownfields Center
www.ce.cmu.edu/Brownfields

The Brownfields Center (TBC) was founded on the recognized need to integrate multiple disciplines to realize potential benefits from revitalizing idle industrial sites. TBC brings together a variety of researchers from Carnegie Mellon University and University of Pittsburgh to study relationships among Brownfield development, urban infrastructure renewal, economic development and the quality of life, in order to support the process of returning idle industrial sites to productive uses. It is the mission of TBC to become a catalyst for the development of Brownfield sites by facilitating the removal of barriers to market entry for potentially interested parties.

3 Rivers 2nd Nature
http://3r2n.cfa.cmu.edu

3 Rivers 2nd Nature (3r2n) is the second of two ecological-arts projects within the STUDIO for Creative Inquiry at CMU. This is a five-year project which focuses on the 3 rivers and 53 streams of Allegheny County in Western Pennsylvania. They are working to create an ecological baseline for the region as well as addressing the cultural understanding of nature in a post-industrial urban setting. 3 Rivers 2nd Nature consists of an interdisciplinary team of artists, scientists and a policy expert, collaborating on an innovative study of the green and blue infrastructure of the region's river systems.