

Issue No. 6

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please recycle or pass it on!

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Michelle Mondazzi, Editor
mmev@andrew.cmu.edu

The Solar Decathlon

Carnegie Mellon is one of fourteen universities nationwide selected to participate in a student competition to design the most effective solar-powered house. The houses will be constructed on the mall in Washington, D.C. in the Fall 2002. Then, for eight days, student teams will compete to capture, convert, store, and use enough solar energy to power our modern lifestyle. Solar Decathletes will be required to provide all the energy for an entire household, including a home-based business and the transportation needs of the household and business. During the event, only the solar energy available within the perimeter of each house may be used to generate the power needed to compete in the ten Solar Decathlon contests.

The Carnegie Mellon team is led by professors Steve Lee and Thomas Spiegelhalter of the School of Architecture, and professor Liza Wellman of the School of Design. The student design and construction team consists of students from architecture, design, mechanical engineering, and the Heinz School.

The Solar Decathlon will be a living demonstration and learning laboratory for consumers. Each team will have a web site, provide house tours, and create print materials that explain the design, engineering, and operation of their house, as well as the products and technologies being used in the house. The Solar Decathlon will not only have an immediate affect on consumers by educating them about solar energy and energy-efficient products, but it will affect the future as well. The competition will provide stimulus to the next generation of researchers, architects, engineers, and builders as they prepare to begin their careers.



Sponsored by the U.S. Department of Energy (DOE) with the National Renewable Energy Laboratory (NREL), and private-sector partners BP Solar and the American Institute of Architects (AIA).

the official website:
www.eren.doe.gov/solar_decathlon

the cmu decathlete website:
www.arc.cmu.edu/carnegie_team

Make Environmental Purchases

Thanks to the students conducting the campus environmental assessment, the university has added an environmental clause to the Official Purchasing Policy and Procedures:

"Buyers and Users should utilize suppliers and service providers that make use, to a practicable extent, of materials and services that support the Carnegie Mellon environmental mission and goals of reducing, reusing and recycling. Information regarding the university's Green Practices can be obtained by contacting the Environmental Coordinator at 268-7858, or by referencing the Green Practices Committee's web site at <http://www.cmu.edu/epc/>"

Want to Save Energy?

To encourage energy conservation in the academic and administrative building offices, Marty Altschul of Facilities Management is looking for volunteers who would like to have light occupancy sensors installed in their office space. The sensors will automatically turn lights off 5 minutes after you leave the space. There will be no fee for the sensor or installation charge. Contact FMS Service Response at 268-2910 or pp0p@andrew.cmu.edu with your request.

Local Currents Discussion Series

The Mudge House provides an opportunity to hear from community leaders and encourages students, faculty, and staff to engage in conversations about "local" and "current" happenings in all areas of activism at Carnegie Mellon and in Pittsburgh. Discussions are on Tuesday nights at 8:00pm throughout the semester (unless otherwise advertised). Everyone is welcome to participate- input, suggestions for guest speakers, and feedback is more than welcome!

For more info and a schedule of discussion topics, email Aria Thomases at alt@andrew.cmu.edu.

Environmental Institute Distinguished Lecture Series

Monday April 8
4:30-6:00
Adamson Wing, Baker Hall 136A

"How Low is Low Enough? Regulating Hazardous Materials"
Dr. Roger McClellan
President Emeritus
Chemical Industries Institute of Toxicology and Consultant in Toxic and Human Health Risk Analysis

Reception will follow the lecture.
All are welcome!



Carnegie Mellon

RECYCLING GUIDELINES

Printed on 100% Recycled Paper

Paper

Mixed office paper can be recycled by taking these items to the blue recycling bins located in each department or computer cluster.

Students can place these items in the recycling dumpsters located outside residence halls. Paper should be free of paper clips and other contaminants such as excessive tape or glue. Staples may remain.

Shredded paper can be recycled in separate bags.

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|------------------------------------|--|
| white and colored paper | cash machine transaction receipts |
| white and colored envelopes | NCR/carbon-less forms |
| CMU phone directories | post-it notes/envelopes |
| booklets/manuals | soft-covered books w/ white pages |
| fax/telex copy paper | manilla folders |
| greeting cards | adding machine tape |
| tab/time cards | |

Cardboard

Flatten cardboard. No waxed cardboard. No packing materials. Corrugated cardboard should be placed beside the recycling bins in your area. Students can place cardboard in the recycling dumpsters located outside most residence halls.

Plastic Containers

#1 and #2 only. Plastic bottles and food containers should be thrown into beverage recycling containers with cans and glass. Rinse food residues. Labels need not be removed.

- plastic bottles (beverage) PET
- plastic bottles (beverage) PETE
- (Milk and Food Containers) HDPE

Glass Containers

Glass containers should be rinsed. Remove lids. Labels need not be removed. Glass should be thrown into beverage recycling containers with plastic cans and bottles.

clear, brown, green, and blue containers

Metal Containers

Cans should be thrown into beverage recycling containers with glass and plastic bottles. Rinse food residues.

- aluminum**
- steel**
- bi-metal (tin) cans**

Other recyclable items

Pick up an envelope in the library to send in ink-jet cartridges

ink-jet cartridges

Drop off toner cartridges at Computer Operations (Cyert 100)

toner cartridges

Send the following items in campus mail to FMS Recycling:

compact disks

transparencies

batteries: alkaline

See EH&S web-site at www.cmu.edu/ehs/ to recycle the following items:

batteries: nicad, lithium-ion, nickel metal-hydrate, lead-acid

fluorescent light bulbs

computers and monitors

aerosol cans and paint cans

More good stuff

clothing: 'Give as you Go Program' in Housing Services allows for students to donate clothing and unwanted items to the Salvation Army and Goodwill

styrofoam peanuts: bring to Mailboxes Etc. on Craig Street

newspapers & magazines: keep separate, specially marked bins coming soon

phone books: keep separate, may be stacked next to your paper recycling bin

NON-Recyclable Materials

All of these items should be put into the proper trash receptacle. Please do not place these items in the recycling receptacles. Trash is not sorted from recycling bins and "contaminated" recyclables will be thrown away.

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| wraps from paper meals | paper towels |
| magazines | carbon paper |
| pizza boxes | brown paper lunch bags |
| blueprints | polystyrene coffee cups |
| soiled or wet paper | paper with food waste on it |
| hard covered books | cellophane (candy wrappers) |
| tissues | golden kraft paper envelopes |

Carnegie Mellon GREEN PRACTICES

Thank you for your cooperation.

For more information contact:
Facilities Management Services x8-7858
Questions: recycling@andrew.cmu.edu
Learn more: <http://www.cmu.edu/epc/>