

## Issue No. 4

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## Carnegie Mellon GREEN PRACTICES

### A New Identity, A New Look

The Environmental Practices Committee, its subcommittees and environmental initiatives will now officially be known as Carnegie Mellon Green Practices.

Green Practices encompasses environmental programs and projects led by students, staff and faculty throughout the campus community including:

- Energy Management
- Recycling and Waste Management
- Purchasing
- Dining Services
- Housing Services
- Transportation
- Design and Construction
- Landscaping
- Environmental Assessment
- Environmental Management System
- Curriculum
- Local and Regional Projects

Look for our new logo to identify our efforts to make Carnegie Mellon's practices green!

### Wind Farm Dedication

Carnegie Mellon University was honored for its wind power purchase at the dedication of the Somerset Wind Farm on October 24, 2001. The Exelon-Community Energy Wind project includes two new Pennsylvania wind farms at Somerset and Mill Run, with a total installation of 16 wind turbines that will produce a total of 69,000 megawatt hours of electricity per year. Carnegie Mellon is now the third largest wind energy purchaser in the country, behind Penn State University and the University of Pennsylvania, and our energy purchase consumes the annual electricity produced by one entire 1.5 megawatt turbine. For more information about wind energy and the wind farms, please visit [www.newwindenergy.com](http://www.newwindenergy.com)

### Green Residence House

Carnegie Mellon University is finalizing the design for a new student residence house on Morewood Avenue. This will be the first building on campus to be certified under the Leadership in Energy & Environmental Design (LEED) Green Building Rating System developed by the U.S. Green Building Council (see below). LEED certification affects the way a building is designed, constructed, maintained and operated to minimize environmental impact and maximize liveability. The new residence to be constructed between Morewood Gardens and Mudge House will use standard building technologies in an environmentally sensitive way to achieve these goals.

### LEED for All New Buildings

The U.S. Green Building Council (USGBC) is a national non-profit organization made up of leaders from across the building industry working to promote buildings that are environmentally responsible, profitable, and are healthy places to live and work. The USGBC has developed the Leadership in Energy & Environmental Design (LEED) Green Building Rating System, which evaluates and recognizes performance in several green design categories. A building can score points in the categories of Sustainable Sites, Water Efficiency, Energy and Atmosphere, Indoor Environmental Quality, and Materials and Resources. Based on the number of points a building receives, it can achieve one of four LEED certification levels; Certified, Silver, Gold, or Platinum. Carnegie Mellon has made a commitment to pursue LEED Certification for the design and construction of all new buildings. For more information on the U.S. Green Building Council and LEED, go to [www.usgbc.org](http://www.usgbc.org).

### Energy Fest '01

The first annual Energy Fest was held on October 26th, and was a great success for all who participated! Many organizations from both on and off campus set up booths and provided information and materials on renewable energy, energy conservation, and environmental impacts to the campus community. Carnegie Mellon Green Practices and the CMU Earth Club were present as well as representatives from the Sierra Club, Conservation Consultants Inc., Siemens Westinghouse Fuel Cells, Clean Cities, Community Energy, and many others. The event was concluded with a panel discussion about renewable energy and energy conservation, music from live local bands, and a closing reception. Energy Fest '01 was the prelude to a University Challenge for energy conservation that will be launched next semester, and hopefully its success will guarantee the future of an annual Energy Fest event.

### University Challenge

Carnegie Mellon Green Practices is challenging our university to save electricity! The University Challenge will kick-off next semester, and our goal is to significantly reduce electricity use campus wide, including in classrooms, faculty and staff offices, department offices, student residences... anywhere you use electricity! We will meter electricity use by building, which will be displayed online, and hold competitions to see who can conserve the most kilowatt hours. Best practices for energy use and conservation will be displayed all over campus during the challenge, and are intended to be permanently integrated into our campus conservation efforts.

## **AIAS Steel City FORUM: Going Beyond Green**

This winter, the Carnegie Mellon University Chapter of the American Institute of Architecture Students (AIAS) will host the 45th annual conference of the national AIAS. The conference will take place at the Westin Convention Center Hotel in Downtown Pittsburgh, from December 29<sup>th</sup> 2001 through January 2<sup>nd</sup> 2002, and an attendance of 800+ architecture students from across the United States is anticipated. This year, the conference theme, "Going Beyond Green" will highlight practices of green design and regional efforts that are putting Pittsburgh on the map for its green buildings, as well as environmental and quality of life initiatives.

Every year, the AIAS FORUM brings together students and practitioners to interact with today's leading architects and design professionals. Over the five days of this year's conference, attendees will participate in seminars ranging from green interiors, brownfield redevelopment, and sustainable urban design, to LEED rating, affordable housing, adaptive reuse, and more.

Tours will include the LEED rated PNC Firstside Operations Center, the new David Lawrence Convention Center, the Intelligent Workplace and Carnegie Mellon campus among others. Some of the speakers include James Wines of SITE Environmental Design in New York, Pliny Fisk of the Center for Maximum Potential Building Systems, Will Bruder of Will Bruder Architects, and Ken Yeang of T.R. Hamzah and Yeang in Malaysia. While this conference is largely attended by architecture students, the range of events and topics is broad enough to be of interest to all students, faculty and professionals. If you would like to attend, the AIAS is offering a special Carnegie Mellon faculty Keynote Package for \$50 to attend all six keynote addresses. For more information about AIAS Steel City FORUM, please visit the conference website at [www.aiassteelcityforum.com](http://www.aiassteelcityforum.com) or send email to Chris Reynolds, Forum Chair at [reynolds@andrew.cmu.edu](mailto:reynolds@andrew.cmu.edu).

### **Special Holiday Edition...**

Look for the upcoming special edition of the green scene with ways to minimize your environmental impact during the holiday season! Coming soon...

## **Reusable Mug Program**

Dining Services is launching a new program to encourage the use of reusable coffee mugs instead of disposable ones. The Barista Cafe in the University Center will be selling mugs with the first cup of coffee included free. You can then bring that mug or any reusable mug of your choice for a refill at the Barista Cafe for 25 cents off the normal coffee price based on the size of your mug.

### **YOU Can Improve Recycling**

Carnegie Mellon's Recycling efforts have recently received some bad publicity, and the biggest obstacle to a successful program seems to be education and awareness. The Green Practices Recycling subcommittee needs your help! Students, faculty and staff who are interested in improving our campus recycling program can get involved now, offer new ideas, and promote education about campus recycling. Please contact Barb Kviz, Environmental Coordinator ([bk11@andrew.cmu.edu](mailto:bk11@andrew.cmu.edu)) for information about the next recycling meeting.

### **Ink Jet Cartridge Recycling**

Hunt Library is participating in an ink jet cartridge recycling program with Emerald Recycling, located in California. Simply bring your empty cartridges to the main desk on the first floor of Hunt Library and place them in one of the prepaid envelopes. The program is free for Carnegie Mellon, and for each ink jet cartridge recycled, \$2.00 will be donated to Children's Miracle Network. Green Practices is also looking into a locally-based program to recycle the cartridges... stay tuned for details.

### **Paperless Phone Directory**

Beginning in December, Carnegie Mellon will publish a link to a new online phone directory. Verizon has produced a new phone directory that is available online, and will offset the number of paper directories that are typically distributed campuswide. Currently, Carnegie Mellon is the largest user of paper phone books in the city, ordering 6,800 phone books each year for the campus community!

The online directory will enable us to significantly reduce our overall paper phone book use. Please help by reducing the number of paper directories you order for your department, and use the online version instead! If you have questions, please contact Bill Whigham at [whiggy@cmu.edu](mailto:whiggy@cmu.edu). Link to Verizon's [www.superpages.com](http://www.superpages.com) and start using the directory now!

## **Save Money On Toner Cartridges**

Don't throw your old cartridges away! Save money on photocopier toner cartridges and reduce waste by recycling your used cartridges and buying refurbished ones. There are many options for reuse and recycling. Use the manufacturer's mail back program with labels that are supplied in the box. It's free! You can also take your used cartridges to Cyert 100 or the Computer Store for recycling. Finally, ask your service technician to recycle your old cartridge instead of throwing it away, or bring it yourself to one of the campus drop-off locations. Contact the Computer Store at 268-2636 or Dave Kalbaugh, Computer Operations at 268-6144 for more information.

### **CD Recycling Success Story**

Thanks to the efforts of Karen Lucas in Computing Services, we recycled 307 pounds of compact disks in November! She has been saving the department's used CD's for two years! You can recycle your CD's by sending them in envelopes through campus mail to FMS Recycling. Large quantities can be sent in boxes as long as they weigh less than 50 pounds.

### **City of Pittsburgh Recycling**

If you live off campus in the city of Pittsburgh, do you know what items can be recycled curbside and when? Do you know how items need to be set out for collection? Get all the recycling info you need at: [www.city.pittsburgh.pa.us/pw/html/environmental\\_services.html](http://www.city.pittsburgh.pa.us/pw/html/environmental_services.html)

### **How Green Are Your Travels?**

Help protect and preserve your favorite travel destinations as well as the earth's resources. "Green" Hotels Association is encouraging all travelers to green up their travel activities. Learn more about how you can make your travel, whether for business or pleasure, more environmentally friendly, at [www.greenhotels.com/grntrav](http://www.greenhotels.com/grntrav).

### **Newsletter**

If you have comments or items to be included in the next issue, please email them to Michelle Mondazzi, Editor at [mmev@andrew.cmu.edu](mailto:mmev@andrew.cmu.edu). The 'green scene' is currently available online at the Green Practices website ([www.cmu.edu/epc](http://www.cmu.edu/epc)).