

# the green scene

## Issue No. 10

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## RUSH TO RECYCLE

On behalf of Gov. Edward G. Rendell, Department of Environmental Protection (DEP) Southwest Assistant Regional Director Joseph Chnupa, presented \$1000.00 to Carnegie Mellon University for their second place finish in the "Rush to Recycle Challenge" during a ceremony on campus in the University Center on February 13th.

"The Rush to Recycle Challenge targeted our next generation of Pennsylvanians to make recycling a way of life," Director Chnupa said. "And along the way we have learned how to tap into the energy of colleges where students have the passion for such initiatives."

The Challenge pitted colleges and universities across the Commonwealth against one another to see which school could increase its recycling percentage the most. The overall goals of the challenge were to encourage participation among colleges and universities that were not actively involved in recycling, while encouraging schools with established programs to further expand their efforts.

"Thanks to everyone who has made our recycling program a success over the years," said Barb Kviz, Environmental Coordinator for Facilities Management Services. "Even though the recycling contest is over, we need to keep improving our recycling efforts for Carnegie Mellon to be a leader in Green Practices."

Participating schools reported their recycling numbers to DEP every two weeks. Prize monies are being spent at each winner campus to further expand recycling.

### First Place Winners:

- Swarthmore College for total average pounds of recycling per student.
- Temple Ambler for greatest increase over baseline recycling.
- King's College for total average pounds of recycling per student – new program.
- Penn State University for most overall recyclables collected.

### Second and Third Place Winners:

- University of Scranton second place for increase over baseline recycling.
- **Carnegie Mellon University second place for total average pounds of recycling per student and overall materials collected.**
- Penn State Wilkes-Barre third place for total average pounds of recycling per student.
- Villanova University third place for most overall recycling collected.
- Eastern University second place for total average pounds of recycling per student-new program.

### Honorable Mention:

- Harrisburg Area Community College – for their computer and electronics "eCycling" initiative.

### Special Recognition:

- Wilkes College for best use of the RUSH to Recycle Challenge.

For more information on recycling, visit the PA PowerPort at [www.state.pa.us](http://www.state.pa.us).

For more information about the "Rush to Recycle" Challenge, visit DEP at [www.dep.state.pa.us/hosting/rushtorecycle](http://www.dep.state.pa.us/hosting/rushtorecycle).

## Labs for the 21st Century



**Carnegie Mellon is hosting a Labs21 High Performance, Low-Energy Design Course on April 2, 2003.**

Laboratory facilities represent an ever-expanding growth opportunity for advanced, environmentally preferred, building technologies. The typical laboratory uses far more energy and water per square foot than the typical office building due to intensive ventilation requirements and other health and safety concerns. Because the requirements of laboratory facilities differ so dramatically from those of other buildings, the EPA and DOE established the Labs21 Program to target laboratories.

The Labs21 High Performance, Low-Energy Design Course is a one-day workshop that provides a comprehensive understanding of the opportunities to optimize energy performance of new and existing laboratories. The course is taught by seasoned laboratory designers, energy managers, and facilities professionals. Participants are expected to have some understanding of laboratory design issues.

Course topics include the Architecture of High Performance Labs, Energy Efficient Design Process, Air Supply and Distribution Systems, Laboratory Exhaust Systems, Controls, Commissioning, Lighting, Case Studies, Resources and Tools.

The cost of the course is \$95 which includes refreshments and lunch. Those interested in attending the course can register on-line at [www.epa.gov/labs21century/training](http://www.epa.gov/labs21century/training).

For more information, contact Brad Hochberg, CMU Energy Manager at [bradh@andrew.cmu.edu](mailto:bradh@andrew.cmu.edu).

## EnergyFest 2003 Help Needed

Wanted: A passionate, self-motivating student interested in energy matters and willing to take the leadership role in event planning activities for the 2nd Annual EnergyFest. An internship is available.

The intent of EnergyFest is to: a) promote energy awareness on campus; b) educate students, staff, and faculty on energy conservation opportunities; and c) advance current energy-related studies and initiatives on campus.

For more information and to get involved, contact Brad Hochberg, Energy Manager at [bradh@andrew.cmu.edu](mailto:bradh@andrew.cmu.edu).

## Recycling Updates

### New Recycling Master Plan

This summer, recycling interns, Wendy Buffett and Alexys Hanczar, worked with the Environmental Coordinator to create a new Recycling Master Plan for the campus. The goal of creating this Recycling Master Plan is to divert landfill waste and increase our recycling rate to 33%. The way to meet this goal is: 1) to evaluate, improve and expand the current recycling system so that it better meets the needs of students, faculty, staff, and visitors; 2) to increase campus awareness of recycling processes and benefits and; 3) to create a solid communication system between offices, departments, faculty, staff, students and Facilities Management Services to collectively improve the recycling system.

Their research showed that when the recycling program began eleven years ago, Carnegie Mellon increased its recycling rate from 5% to 13% in only two years. Since then, however, the rate has remained between 9% and 14%, averaging a mere 1% total increase since 1993. Other colleges and universities boast waste-diversion rates as high as 60%. Building Recycling Coordinators are an integral part of the Recycling Master Plan and have made some recent improvements in several buildings including Margaret Morrison Carnegie Hall and Mellon Institute.

If you would like to be a Building Recycling Coordinator, contact Barb Kviz at [bk11@andrew.cmu.edu](mailto:bk11@andrew.cmu.edu). For more information about getting new recycling or trash bins in your area please review the Recycling Information Packet at [www.cmu.edu/greenpractices](http://www.cmu.edu/greenpractices).

## More Recycling Updates

### Go Fraternities!

Thanks to Andrew L. Weber from Sigma Phi Epsilon, several Fraternities are now recycling bottles, cans, glass and cardboard. Andrew started his recycling initiative this past summer and six fraternities are now recycling, including Sigma Phi Epsilon, Phi Kappa Theta, Kappa Sigma, Alpha Epsilon Pi, Sigma Nu, and Kappa Delta Rho. Great job Andy! If your Fraternity is interested in starting a recycling program, contact Barb Kviz, Environmental Coordinator at [bk11@andrew.cmu.edu](mailto:bk11@andrew.cmu.edu).

### Cathedral Mansion Recycles

This semester, Carnegie Mellon worked with the City of Pittsburgh to implement a recycling program for bottles, cans, glass and cardboard at the Cathedral Mansions Residence Hall. The program has been very successful because of the great enthusiasm in the students.

## Environmental Lectures at Carnegie Mellon University

### Wednesday, March 19

#### 4:30pm, Porter Hall 100

"Formation and Control of Disinfection By-Products in Drinking Water"

Dr. Philip C. Singer

2003 Distinguished Lecturer, Assoc. of Environmental Engineering and Science Professors

### Monday April 7

#### 4:30pm, Adamson Wing, 136A Baker Hall

"Generational Ethics"

Elizabeth Kiss, Professor of Political Science and Director, Kenan Institute for Ethics, Duke University

### Monday April 14

#### 4:30pm, Adamson Wing, 136A Baker Hall

"Preliminary Examination of Plant Material from the Lewis & Clark Expedition"

Harry Alden, Smithsonian Center for Material Research and Education

### Monday, April 21

#### 4:30pm, Adamson Wing, 136A Baker Hall

"Tallying Up Endocrine Disruption: How Much Does It Affect Your Life?"

Theo Colborn

Director, Wildlife and Contaminants Program, World Wildlife Fund

## Environmental Events in Pittsburgh

### Ensuring Environmental Health in Post-Industrial Cities

March 19, 2003

David Lawrence Convention Center

The Roundtable on Environmental Health Sciences, Research, and Medicine presents this workshop which explores the health implications of the environment in post-industrial cities, including the challenges of converting brownfields into usable spaces, addressing aging infrastructure (such as sewers, storm water containments), and building greener buildings. This meeting seeks to stimulate dialog about these issues among local business leaders, architects, urban planners, engineers, public health scientists, environmental scientists, health care providers, social scientists, clergy, educators, and the general public. Registration is free and open to the public. To view the agenda in full or to register, please visit the Roundtable's web site at [www.iom.edu/ehsrt](http://www.iom.edu/ehsrt).

### Backyard Composting Classes Offered

Give shape to your dreams of a lush, healthy garden by attending a backyard composting class. Five composting classes are being offered to Allegheny County residents in early spring.

The two-hour presentation on backyard composting thoroughly covers everything from setting up a compost pile, to proper maintenance, to ways of using finished compost. The cost of the class is \$10.00 per person or \$15.00 per couple.

Schedule of Classes:

Saturday, March 1, 2003 at the Phipps Garden Center, 1059 Shady Ave. in Shadyside, from 10:00 a.m.-12:00 noon

Wednesday, March 19, 2003 at the CCI Center, 64 South 14th Street on the South Side, from 6:00-8:00 p.m.

Thursday, March 27, 2003 at the Banksville Park Community Center in Banksville Park on Crane Avenue, from 6:00-8:00 p.m.

Thursday, April 3, 2003 at the Bradfordwoods Volunteer Fire Company, 4908 Wexford Run Road in Bradfordwoods from 6:30-8:30 p.m.

Saturday, April 5, 2003 at the Phipps Garden Center, 1059 Shady Ave. in Shadyside, from 10:00 a.m.- 12:00 noon

If you are interested in attending one of the workshops please contact Chris McHenry-Glenn at 412-431-4449 ext.325 or [chrsg@ccicenter.org](mailto:chrsg@ccicenter.org). Class space is limited, so register early!