



RECYCLEMANIA '04 !! ♻️

The Results Are In!

Carnegie Mellon Beats Harvard, Yale, Brown



Facilities Management Services Purchases a GEM NEV

Carnegie Mellon Continues its Efforts to Reduce Harmful Emissions

Recycle Mania 2004 Results

Total pounds/student recycled

Miami University of Ohio	58.28
Dartmouth	56.22
Ohio University	44.02
Villanova	41.74
Five Colleges	38.36
Carnegie Mellon	33.54
Harvard	33.18
University of Vermont	29.61
Brown	27.89
Yale	27.32
SouthWest Missouri State	25.05
Western Michigan	23.51
Ohio State University	17.07
Arizona State University	16.82
Brigham Young University	7.08
University of Arizona	4.95
Washington University	3.87



What is a GEM car?

A GEM NEV is a zero-emission electric vehicle that operates on 110v household current that has been designed to replace an internal combustion engine car for short trips. Learn more at: www.gemcar.com

Global Electric Motorcars, LLC of Fargo, North Dakota is recognized as the leader in the manufacturing of Low Speed Neighborhood Electric Vehicles in the world. GEM has produced more than 26,000 vehicles since its beginning in 1998.

The GEM vehicle was originally launched in 1992 by a group of former General Motors Engineers in Livonia, Michigan. The company was purchased by a group of investors and moved to Fargo, ND in December, 1997.

In April of 1998, the factory produced its first vehicle, a 2-passenger 48-volt vehicle with a top speed of 20 mph.

On June 17, 1998 a major breakthrough occurred in the NEV market as the National Highway Traffic Safety Administration (NHTSA) created a new class of motor vehicle, the Low-Speed/ Neighborhood Electric Vehicle (NEV). This new category of motor vehicles has catapulted GEM into the forefront of alternative transportation. The GEM offers safe transportation while addressing the significant issues facing our planet today, from urban sprawl to air pollution. Pennsylvania is currently working to pass legislation that

would make the NEV street-legal.

November of 1998 was the introduction of the utility vehicle and in December of 1998, the first four passenger NEV was introduced.

By June of 1999, monthly production had reached over 100 per month with total production in 1999 being 1826 vehicles. June of 2000 saw production reach 500 vehicles per month with a total production for the year of over 5000 vehicles.

On December 1st, 2000, Global Electric Motorcars, LLC was acquired by DaimlerChrysler and became a wholly owned subsidiary of that corporation. This acquisition made it possible to offer vehicles through Chrysler, Dodge and Jeep dealerships.

The GEM is the second NEV used by Carnegie Mellon. The University also received the Ford THINK for its participation in the Solar Decathlon 2002. Also, Facilities Management Services and University Police presently operate six natural gas vehicles.

Look, Learn and Ride!
GEM will be on display Noon–1:00pm
Friday, September 10th and 17th
UC Merson Courtyard
Demonstration and educational materials
provided by:
Jim Oros, FMS Electrical Supervisor

Carnegie Mellon University was one of 17 participating schools in the National College and University Recycling Council's "RecycleMania" challenge. It pitted colleges and universities across the country against one another to see which school could recycle the most materials over a ten-week period: February 2, 2004 to April 9, 2004. Recycling saves natural resources, energy, our environment, landfill disposal capacity and costs, and recycling is good business—our waste reduction and recycling activities can make a difference! For more info, visit: www.cmu.edu/greenpractices/Recycling

Thanks to all of the Recyclers at Carnegie Mellon—we beat Harvard, Yale and Brown! Congratulations to Miami University of Ohio for winning the contest!!

On Campus Toner Cartridge Recycling
Look for new toner cartridge recycling boxes near copy machines soon.

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"The Green Practices Committee will strive 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."
Learn more at www.greenpractices.org

Coming Soon!

The Hamerschlag Hall Living Roof!

Design for a Sustainable Future



Example of a Living Roof on Chicago City Hall

Green Practices has received an Energy Harvest Grant from the Department of Environmental Protection and from the 3 Rivers Wet Weather Demonstration Program to fund the installation of a green roof on the south wing of Hamerschlag Hall.

This project will be used as a demonstration site to educate the campus and regional communities about green roof technologies and their relationship to storm water management and building energy conservation. Design is proceeding and construction will begin in the Spring of 2005. To learn more about green roofs, visit: www.roofmeadow.com

To learn more about water issues in Pittsburgh, check out the following sites:

- The 3 Rivers Wet Weather Demonstration Program:
www.3riverswetweather.org
- The Nine Mile Run Rain Barrel Initiative
www.ninemilerun.org
- RiverSides *Where Water Quality Begins*
www.riversides.org

NWF Fellowship

Awarded to Carnegie Mellon Student

Yew Choe (JoE) Wong, a Civil Engineering and Economics student, was awarded our first National Wildlife Federation Fellowship to study campus water issues and conduct a water use and storm water assessment. For more info, visit:
www.nwf.org/campus ecology

Education and the Environment

Two New Environmental Initiatives

Greening Early Undergraduate Education

Thanks to a grant from the Henry Luce Foundation, we have a 3-year "Greening of Education" project, a university-wide effort in environmental education for first-year and second-year undergraduates. The project offers a diverse set of small-section courses that feature interdisciplinary, project-based learning and skill development. Learn more about the environmental courses offered 2004 fall semester on the web site, or contact Tal Ilany, project coordinator at tilany@andrew.cmu.edu

www.cmu.edu/education/greening

EAC Initiative

The Environmental Across the Curriculum (EAC) initiative is funded by the Steinbrenner Institute for Environmental Education and Research. The EAC's vision is to enable our students to develop an ethic of environmental care as they begin their adult lives as consumers, citizens, and professionals in making decisions that help move society toward a more sustainable state. The initiative began in July 2004 with roughly two dozen faculty members from all seven colleges. These individuals volunteered to develop lectures, laboratories, or studios that address environmental issues for courses they are teaching in the coming 2004-2005 academic year. Nearly 30 courses are represented. A web site is under construction. For more information, please contact Cliff Davidson or Indira Nair.

Upcoming Events!

Fall 2004

Household Hazardous Waste Collections

www.swpahhw.org

August 28:

Butler County HHW Collection

Call 724-284-5300 for more information.

September 18:

Westmoreland County HHW Collection

Call 724-836-4129 for more information

...Upcoming Events continued...

Freshman Orientation Events

Relax, eat, watch *The Lorax*, and let us tell you about the environmental groups and other opportunities on campus. Location: New House TV Lounge, Friday August 27, 3 and 4pm.

Learn More! Get Involved! Do Something!

Student organizations *EARTH* and *Sustainable Students*:

www.andrew.cmu.edu/org/earth

<http://isnet.andrew.cmu.edu/sustain/>

Environmental Conferences

September 14th: *ReBuild America Workshop to be held on campus in IW.*

The Pennsylvania Consortium for Interdisciplinary Environmental Policy (PCIEP), the Pennsylvania Department of Environmental Protection, and the USDOE Rebuild America program is sponsoring a series of 6 regional workshops on greening colleges and universities in September. The Intelligent Workplace will host the Sept. 14 meeting for the Pittsburgh Region.

For more information contact Barb Kviz, environmental coordinator at 268-7858 or bk11@andrew. For more information about ReBuild America, visit www.rebuild.org

October 20-24th: *The Society of Environmental Journalists to meet on campus.*

Founded in 1990, SEJ is a membership organization of working journalists dedicated to improving the quality, accuracy and visibility of environmental news reporting. For more information contact Chriss Swaney 268-5776 or swaney@andrew. For more information about the SEJ, visit <http://www.sej.org/>

October 21st *Environmental Distinguished Lecture Series:*

"The Daily Planet: Why the Media Stumble over the Environment," Andrew Revkin, Environmental Reporter, New York Times. 4:30, Adamson Wing, BH136A. Reception will follow lecture.