

Having trouble viewing this email? [Click here](#)

Tufts *Sustainability in Action!* gets green



In This Issue

[The Grab Bag](#)

[Job Opportunities](#)

[Sustainability News](#)

[Algae: the next biofuel star?](#)

[Upcoming Events](#)

The Grab Bag

If you've never heard from an actual climate scientist before, this is your chance...

These may be the only scientists you ever meet who'll have you snapping your fingers and tapping your feet instead of scratching your head.



I'm A Climate Scientist

Job Opportunities

Tufts Office of Sustainability
May 27, 2011

Dear Tufts Environmental,

The sun has finally seen fit to make a long-overdue appearance here in New England, about a week too late for Bay State Bike Week but just in time to warm up the upcoming Memorial Day weekend.

In this issue, we put on some summer colors to bring you news of a recent study on algae-derived biofuels, a solvent recycling program right here at Tufts, and upcoming events happening all over - from Oregon all the way to Brazil.

Enjoy the long weekend! Don't forget your sunblock...

Sustainability News

Algae biofuel could replace 17% of US oil imports

A new study by the Pacific Northwest National Laboratory (PNNL) found that algae-derived biofuels could replace 17% of the US oil imports. Algal oil is made from extracting and refining oils that algae produce as they grow. Researchers found that water use can also be reduced if the algae is grown in the sunniest and most humid regions of the US - the Gulf Coast, the Southeastern Seaboard and the Great Lakes.

Algae has several advantages over other biofuel sources. It is not only carbon-

.....
Algae grown in raceway ponds in southern California (from PNNL photostream)

[STARS Program Analyst, Program Assitant](#), Denver CO

[GWU Climate and Energy Project Facilitator](#), Washington, DC

[GIS Assistant](#), The Nature Conservancy, Boston, MA

[Summer Intern](#), Boston Redevelopment Authority, Boston, MA

[Engineer/Analyst for Renewable Energy Facility Compliance](#), Ameresco

[Nonprofit Consulting Internship](#), Nechama Katz Consulting

[More job listings from TIE](#)

[Career resources at the Office of Sustainability](#)

Interesting Links

Educational

- [The Office of Sustainability](#)
- [Tufts Institute for the Environment](#)
- [Environmental Studies Program](#)
- [The UEP School](#)

Blogs

- [Tufts Bikes](#)
- [The Veg Table](#)
- [Girly Green Girl](#)

Know a friend who would like to get this newsletter?



 [Forward to a Friend](#)

Got this via a friend? Then [Join our Mailing](#)

neutral because it consumes carbon-dioxide, it can also feed off carbon emissions from power plants - thereby delaying the emissions' entry into the atmosphere. It can also digest common water pollutants like nitrogen and phosphorus, which means algae can grow in (and clean) municipal waste water.

Read more about the study [here](#).

In the News

Cummings Veterinary School recycles solvents

At the most recent [Research Day on Sustainability](#) hosted by the Office of the Vice Provost, one of the most interesting [poster presentations](#) was given by the Cummings School of Veterinary Medicine on solvent recycling.



Distillation unit in explosion-proof enclosure

In 2007, the school had started a plastination program for preserving anatomical specimens. One of the steps involved dehydrating specimens in a bath of ice-cold acetone, which required great quantities of the chemical. The school purchased a distillation unit to recycle the used acetone and soon realized that they had the ability to recycle other substances such as alcohol and Propar (a xylene substitute).

Soon, they began to recycle used solvents from the hospital's histopathology section for approximately half the cost of purchasing new solvents. Over 1,200 gallons of solvent have been recycled for the hospital to date, saving the university the cost of disposal for used solvents as well as reducing our overall consumption of petrochemicals.

Download the [poster](#) for more details on the program.

Events

On-Campus

Eco-Ambassadors Genzyme building tour

List

Privacy by  **SafeSubscribe**SM
For Email Marketing you can trust

June 15, 9:30-10:30 AM

Interested in taking a tour of one of the most environmentally responsible office buildings ever built in the United States? [RSVP](#) by **June 7th at noon** to join the Eco-Ambassadors on a tour of the LEED-Platinum certified Genzyme Headquarters building in Kendall Sq.

For more information about the Genzyme Center, visit: <http://www.genzymecenter.com/>

Off-Campus

**Emerald Necklace:
Guided Walk through the Back Bay Fens**

June 11, 10:30 AM - 12PM (Boston, MA)

Join the Metropolitan Area Planning Council and MetroFuture with the Emerald Necklace Conservancy for a tour of the Back Bay



Fens. The Emerald Necklace wraps around Boston and Brookline, encompasses 1000 acres, and includes 6 individual parks. The group will visit the Back Bay Fens to learn about Frederick Law Olmsted's vision in creating the parks and hear about the rich history, the Kelleher Rose Garden, and the oldest World War II Victory Gardens in America. Visit the [Conservancy website](#) or click [here](#) to sign up.

RECHARGE!

A Retreat for Rising Clean Energy Leaders

August 21-26, 2011 - Mt. Hood, Oregon

Focus the Nation will select and fund 20 rising clean energy leaders---5 each in the categories of Technicians, Innovators, Politicos and Storytellers---to spend one week on Mt. Hood together and viscerally experience an area of the country where the energy story is accelerating toward renewables. The retreat will take place on the east slope of Mt. Hood in the historic Mazama Lodge. The serenity of the forest and the power of the volcano will provide an environment that inspires deep reflection and new collaboration. Details [here](#).

Previously Mentioned:

See you next week!

Tufts Office of Sustainability

<http://sustainability.tufts.edu/>

[Forward email](#)



This email was sent to elizabeth.mahaffy@tufts.edu by sustainabilityoffice@tufts.edu | [Update Profile/Email Address](#) | Instant removal with [SafeUnsubscribe™](#) | [Privacy Policy](#).

Tufts Institute of the Environment | Tufts University Miller Hall | 210 Packard Ave | Medford | MA | 02155