Welcome back everyone! It’s amazing how quickly the intersession break goes by! Every spring, the Office of Environmental Sustainability turns its focus to recycling and waste reduction. We will once again participate in the annual Recyclemania competition. This year the program will run from February 3rd to March 30th. Our goal is to recycle 150,000 pounds on campus during that time. Learn more about the program on page 3.

We will also be instituting a composting pilot on Indian Quad. We’re very excited about this as we have been searching for the right solution on diverting our food waste for a couple of years now. Thanks to the many offices that have helped to make this project a reality including Facilities Management, Grounds, UAS and Chartwells. We anticipate being able to divert over 20 tons of material from the landfill. That’s 40,000 pounds of food!! We’ll provide an update and some pictures once we get the program rolling.

As the weather turns warmer, we’ll hold our annual Earth and Wellness Day on April 18th from 11 am to 2 pm. This year’s theme is Nurture Nature and Yourself. Plus don’t forget about the Clothing Exchange, Shredding Day, Clean Up Day, the Give and Go plus some other surprises along the way. Wow, we’re going to be busy!

As I close, I want to highlight the Jorgen Randers lecture occurring on February 6th at 7:30 pm in LC 7. Does the name sound familiar? No, then maybe you’ve heard of the Limits of Growth, which he co-authored. Still not ringing a bell? Then, check out more info on page 2.

I hope to see you at one of our events this semester!
**Around Campus**

**Jorgen Randers Presentation and Discussion**

Through the joint efforts of the System Dynamics Society, the School of Business, the NYS Writer’s Institute, UAS and the Office of Environmental Sustainability, Jorgen Randers, co-author of *The Limits to Growth*, will discuss his updated version of the future as described in his new book, *2052: A Global Forecast for the Next Forty Years*.

Randers was a graduate student when he worked on *The Limits of Growth*, which would become one of the better known books on predicting future scenarios for the world. The themes of resource use, population growth and economic growth, that were embedded in that volume, have become in vogue once again.

Currently, he is a professor of climate strategy at the BI Norwegian School of Management, where he works on climate issues and scenario analysis. He lectures internationally on sustainable development and climate.

He was previously President of BI and Deputy Director General of WWF International (World Wildlife Fund) in Switzerland. In 2006 he chaired the cabinet-appointed Commission on Low Greenhouse Gas Emissions, which reported on how Norway can cut its climate gas emissions by two-thirds by 2050.

Among the questions theorized in Rander’s new book include:

1. Will I be poorer?
2. Will there be enough jobs?
3. Will the climate problem hurt the US?
4. Will energy be more expensive?
5. Will the young generation calmly accept the debt and pension burden of the old?
6. Will the passing of world leadership from the US to China be peaceful?
7. Will we get a stronger state?
8. Will the World of 2052 be a better world?

Come to his lecture on **February 6th beginning at 7:30 pm in LC 7** to find out the answers to these and other questions. Also, see the flier on page 10 for more details!
Recyclemania Returns for its Seventh Season

Recyclemania is back once again. We’ve been participating in the national competition since 2007. This year’s challenge will run from February 3rd to March 30th. We’ve set a campus wide goal of recycling 150,000 pounds during this time. In addition, there will be special recycling challenges issued in the res halls. These include:

Feb 10 to 16—Battery Recycling
Feb 24 to March 2—Ink Jet/Cell Phone/Small Electronics Recycling
March 24 to March 30—Plastic Bag Recycling

We’ll be collecting the recycling data each week and posting it to our website to keep everyone up to date on our progress!

MacGray Partners with UAS to Deliver Carbon Free Laundry

UAS has partnered with MacGray laundry services to go carbon neutral. As part of their “lighten the load” initiative, Green E certified offsets will be purchased equivalent to 4,963,033 pounds or 2,251 tons of carbon. This matches the estimated amount of energy used in the laundry services for the next six years. For more info and tips on green laundering, go to: http://www.albany.edu/uas/laundry.php

And don’t forget you can see the availability of the washer and dryers by going to: http://www.laundryview.com/lvs.php

UAS Highlights Healthy Snack Options at Vending Machines

New Leaf Vending machines are now available offering wholesome alternatives to traditional vending machine items. You will find great tasting, healthy, all natural snacks and drinks; including all natural energy bars and trail mixes, gluten-free products, and organic cookies, candies and juices. In addition, New Leaf is a local company, located here in the Capital District.

You'll find New Leaf Vending Machines at these convenient locations:
- The Campus Center - Uptown Campus: First Floor Vending Bank
- The Downtown Campus: Husted Cafe Vending Area
- The East Campus: Education Center Student Lounge

At left: MacGray representative Tim Guido provides a framed certificate describing the offset purchase. Accepting are Mary Ellen Mallia, Director of Environmental Sustainability, Karen Kettlewell, Associate Executive Director of Operations for UAS and Stephen Pearse, Executive Director of UAS.
How Do We Assess Sustainability?

Believe it or not, the sustainability program at UAlbany is 5 years old this month! This emerging field has been growing right along with us. You might wonder how we measure our success over time. Since we have a lull in our programming activity, we thought we’d give you some insight on how we gauge our progress.

The office looks at sustainability using the three circle approach: environmental stewardship, economic equity and social justice. We also seek to facilitate and establish programs in four C.O.R.E. areas. C.O.R.E. stands for curriculum, operations, research and engagement. In essence, our office provides the hub for collaboration, discussion, and connection to resources around sustainability themes and seeks to provide contributions beyond just the traditional elements of “going green” which tend to focus on recycling, energy management and cost savings. As the office matures, we seek to develop an integrated and comprehensive system that reinforces sustainability principles throughout what we teach, what we research, how we operate and how we serve as role models, partners and educators for the community.

Last year, we completed an extensive sustainability assessment developed by AASHE, the national professional organization for sustainability in higher education. The assessment, called STARS, is available on line at: https://stars.aashe.org/institutions/university-at-albany-ny/report/2012-07-19/

We are happy to report that UAlbany received a Silver rating and currently holds bragging rights as the SUNY that has received the highest point total. Our office also calculates our carbon footprint and reports this figure to the American College and University Presidents’ Climate Commitment. We currently emit a bit over 60,000 metric tons of CO2 equivalent, which is a 19% reduction from when we first started measuring in 2005. You can access our data at: http://rs.acupcc.org/search/?institution_name=albany&carnegie_class=%3F%3F&state_or_province=%3F%3F

Finally, we are happy to report that we will be included once again this year in the Princeton Review’s Guide to Green Colleges for 2013. We hope this gives you a better idea of the goals of the office and our progress to date. If you have any questions, email us at gogreen@albany.edu
Around Town

Show at Caffe Lena

For the next phase in modern entertainment, innovative humorist Dirck Toll presents a solo show of hilariously twisted adventure stories while simultaneously striking a hard stance to promote resource conservation. The stage will be lit only with natural light, the only amplification will be Toll’s natural voice, and the set will be made of only reused materials. Will this bold gambit end in triumph...or failure? Or both? Only one sure way to find out: BE THERE!

"LEVELLING CHARGES - High Energy Humor With Low Energy Consumption"

Performed by Dirck Toll
2:00 PM Sunday February 10, 2013
Caffe Lena, 47 Phila Street, Saratoga Springs, NY Advance tickets: $10 general, $8 students/seniors
http://www.brownpapertickets.com/event/300499

Outdoor Activities

Albany Pine Bush Discovery

Will Punxsutawney Phil see his shadow when he wakes up on February 2nd? Whether you call them groundhogs or woodchucks, come to the Discovery Center for a short talk and walk to learn more about these common mammals. The origins of Groundhog Day will be discussed and participants will have a chance to make their own predictions about how long winter will last! Pre-registration is required.

Date: Feb 2
Time: 1 to 2:30 pm
Fee: $3.00/person, $5.00/family, Children under 5 free.
Please plan to arrive at least 5-10 minutes before the start of the program to purchase your ticket.

Tickets can also be purchased in advance of the program at the Discovery Center reception desk or reserve on line at:
https://www.albanypinebush.org/events/detail.cfm?id=1109

Animal Tracking Snowshoe Hike

Anna Papperman, environmental education and conservation intern from Wilton Wildlife Preserve & Park will lead a family snowshoe hike in Congress Park, Saratoga Springs on February 18 from 11 am to 12:30 pm. Receive footprint identification cards and loaner snowshoes and look for tracks. Advance registration required.
Opportunities

Internship

STONE LAB’S RESEARCH EXPERIENCE FOR UNDERGRADUATES SCHOLARSHIP PROGRAM OFFERS UNIQUE SUMMER OPPORTUNITY

GIBRALTAR ISLAND, OH—College juniors and seniors who want to try their hand at an original research project this summer can apply to Ohio State University’s Stone Laboratory and the Research Experience for Undergraduates (REU) Scholarship program. Applications must be received at the Stone Lab Columbus office no later than 5 p.m. on Friday, February 22.

Undergraduate students at any U.S. institution selected through the highly competitive application process receive a full scholarship that includes tuition for the two-semester-credit research experience and a five-week, four-credit course, as well as the lab fee, and room and board. Research projects and classes begin June 16.

Students work alongside professional researchers to collect data, and learn how to communicate their discoveries in writing and in a final presentation to their peers. They also have the opportunity to attend local and regional conferences to present their research, and to co-author scientific journal articles about their project. These skills are not only an advantage when applying to graduate school, but also translate to other fields where problem solving, data analysis, and presentation delivery are in demand.

Interested students should visit stonelab.osu.edu/reu to learn more about the REU program, and to download application materials. A recording of last year's final REU presentations is available at go.osu.edu/REU2012.

This summer, students can apply for the following projects:

- Reproductive biology of the round goby (Ichthyology)
- Distribution and ecology of crayfish (Ecology)
- Survival rates of birds of the Lake Erie Islands (Ornithology)
- Fisheries techniques: research and fish survey development (Fisheries Management)
- Lake Erie Water Snake field and laboratory research (Herpetology)

As a continuing feature, we are bringing you listings for sustainability-related jobs both in and out of the area, internships, scholarships and other professional development opportunities.

Exploration of Lake Erie nutrient loading, hypoxic events (the “dead zone”), and harmful algal blooms (Limnology)

Located on the 6.5-acre Gibraltar Island in Put-in-Bay harbor, Stone Laboratory is Ohio State’s Island Campus on Lake Erie and the education and research facility of the Ohio Sea Grant College Program. Established in 1895, Stone Laboratory is the oldest freshwater biological field station in the United States and the center of Ohio State University’s teaching and research on Lake Erie. Stone Lab offers 25 college-credit science courses each summer for undergraduate and graduate students, advanced high school students, and educators. For information on Stone Laboratory, visit stonelab.osu.edu.

Contact
Dr. Chris Winslow, Ohio Sea Grant Assistant Director, winslow.33@osu.edu, 614.247.6684

AASHE JOB LISTINGS

The Association for the Advancement of Sustainability in Higher Education lists job offers in their bulletin. They include assistant professors and sustainability coordinators all over the United States.

For a list go to:
http://www2.aashe.org/archives/2012/1120.php
Scroll down and all the jobs are listed under “Opportunities”

Over 100 current local, green job postings on Green Guru Network. Check out:
http://greengurunetwork.com/resources/jobs.html
Opportunities (con’t)

Internship

STAR Internship

The City of Albany is seeking an unpaid intern to assist with data collection and analysis for Albany’s certification through the STAR (Sustainability Tools for Assessing & Rating Communities) Community Rating System.

The STAR Community Rating System is the first national framework to measure sustainability at the city or county scale and provide a tracking system to help local governments measure progress towards achieving community sustainability goals. Albany has been selected as one of 32 pilot communities to use STAR and receive a rating as a national leader in sustainability. For more information on STAR, please see: starcommunities.org.

For information on the City of Albany’s sustainability initiatives, please visit albany sustainability.org, as well as albany2030.org, for information on Albany’s sustainable comprehensive plan, Albany 2030.

Intern Responsibilities

- Work directly with the Division of Planning and the Office of Energy and Sustainability to determine alignment between Albany’s local sustainability initiatives and STAR’s performance metrics
- Research and collect information on community conditions related to STAR’s 7 goal areas: Built Environment; Climate & Energy; Economy & Jobs; Education, Arts & Community; Equity & Empowerment; Health & Safety; and Natural Systems
- Identify and collaborate with key resources and partners to support Albany’s STAR application, such as internal departments and outside stakeholders
- Participate in frequent STAR webinars with other pilot communities
- Submit data, quantitative analysis, and narrative responses into STAR’s online reporting tool
- Draft case studies, blog posts, reports, and other communication for the public to share information about STAR and Albany’s sustainability initiatives
- Update the City of Albany’s Comprehensive Plan Data Book.

Intern Qualifications

- Bachelor’s degree (Master's coursework preferred) in sustainability, urban planning, public administration, or related field
- Strong research, data analysis, and writing skills, with attention to detail
- Ability to communicate technical information to non-technical audiences
- Proficiency with Microsoft Office, particularly Excel
- Proficiency with ArcGIS (strongly preferred)
- Ability to work independently under general direction

Position Details

- This is an unpaid internship that is available immediately for the Spring 2013 semester. The successful applicant will be expected to work 15 to 20 hours a week at our located at 21 Lodge Street in Downtown Albany.

Applications

To apply, please send a cover letter, resume, and a writing sample to Doug Melnick, AICP, Planning Director @ melnickd@ci.albany.ny.us.
Opportunities (con’t)

Internship

Seeking Interns

Do you want to make a difference
Help preserve the environment for the future

We are looking for the following skills:

- All Business backgrounds with superb writing skills to work on business development and grant writing
- Public relations, marketing and social media experts
- Computer savviness, website design/management, graphic designers
- Coordinators for an Earth Day Event and The First National Zeroenergy Buildings & Net Zero Conference/Expo

Our group was formed to develop and protect new energy and innovative environmental technologies to enhance the quality of life for all people around the world.

It is the goal of the group to bring forth these new, sustainable energies and environmentally sound technologies.

To set up an interview, contact us and tell us why you think you are suited for any of the above opportunities.

Scott Abraham: (office) 518.459.8000 (email) ecoactive.scott@gmail.com
Events for Spring:

**February**
- 3 Recyclemania Starts
- 4 UAlbany Day
- 6 Jorgen Randers event

**March**
- 30 Recyclemania Ends

**April**
- 18 Earth and Wellness Day
- 20 Earth Day Food and Arts Festival
- 30 Clean up Day
- TBD Shredding Day

**May**
- 16 to 18 Give and Go

Stay up to date by accessing our on line calendar:
https://www.google.com/calendar/embed?src=a6e9bseebd24ml1bpfvshmgt4%40group.calendar.google.com&ctz=America/New_York

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**Get Involved!**

**UAlbany Students For Sustainability (USS)**

This group strives to raise awareness and implement programming and events designed to encourage sustainable behavior on campus. If you are interested in the group, contact them at their My Involvement page: [http://albany.collegiatelink.net/organization/USS](http://albany.collegiatelink.net/organization/USS)

**Student Sustainability Council**

This serves as an advisory body to the Office of Environmental Sustainability and consists of appointed chairs and delegates from the residential halls. Students must apply and complete a training session to become an appointed chair. The call for chairs goes out in March.

**Faculty and Staff**

**Sustainability Coordinators**

The sustainability coordinators program is designed for faculty and staff members who wish to help increase awareness about sustainable operations on campus. Coordinators meet the first Tuesday of every month at noontime during the academic year. If you would like to become a coordinator or would like to nominate someone from your department, contact Mary Ellen at mmallia@albany.edu.

**THINKGREEN listserv**

This listserv is for faculty who want to participate in developing academic offerings that are sustainability related. To sign up for the list serv go to: [http://www.albany.edu/its/faculty_listserv.htm](http://www.albany.edu/its/faculty_listserv.htm)
Author and expert on climate issues and sustainability

Jorgen Randers

Wednesday, February 6, 2013

Environmental scientist and author

Jorgen Randers

Founding figure in the field of sustainability studies, and expert in climate issues, and scenario analysis, coauthor of The Limits to Growth (1972), and The Limits to Growth: The 30-Year Update (2004), discusses his new book 2052: A Global Forecast for the Next Forty Years

7:30 p.m. Reading/Discussion
Lecture Center 7, Academic Podium, Uptown campus

Free and open to the public

Cosponsored by UAlbany’s School of Business, Office of Environmental Sustainability, Rockefeller College, and the College of Computing and Information, as well as the System Dynamics Society

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State University of New York

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