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Sustainability

Summer 2011

Green is Gold Newsletter: Summer 2011

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Green is Gold Newsletter

Thompson Hall Achieves LEED Gold Certification!

The USGBC LEED certification gave points for Thompson's high efficiency lighting, high efficiency heating and cooling, heat recovery for ventilation, improved ventilation, ultra-low flow plumbing fixtures, improved day lighting, ADA compliance, and sustainable material finishes. Over time, the cost of implementing sustainable features and seeking LEED certification has been reduced. For some projects, investments in alternative systems, practices and materials can add 0-3% to construction costs. For this project, a key goal was to use traditionally priced systems in an ultra-energy efficient way. Heating and cooling systems, interior finishes, and lighting reflect that goal. All mechanical, electrical and plumbing systems were replaced with new, energy and resource saving systems. The high-performance of these installed systems reduces both energy and water consumption and improves occupant comfort.

Princeton Review

Green Highlights

The College at Brockport has instituted several energy saving programs as part of SUNY-wide sustainability efforts. Roughly \$12 million has been invested in a variety of energy-related initiatives on campus. In 2007, the 52-unit SUNY Brockport Townhome Residential Living Complex opened with many green features, including the use of geothermal heat pumps for heating and cooling, specialized insulation, and two storm water ponds that reduce runoff into local streams and creeks. Founded in 2004, the college's Green Campus Initiative has worked with campus administration to create several protocols for recycling and to promote the use of alternative transportation on campus. Din-

ing services has also made significant strides toward the practice of sound environmental stewardship. Energy Star appliances have been installed, trays have been eliminated from Brockway Dining Hall, and local purveyors and farm producers supply 15 percent of the food. Other efforts include the use of eco-friendly products such as refillable mugs, advanced recycling efforts, and the use of environmentally friendly cleaning products. Students who wish to receive a formal introduction to sustainability issues will appreciate that the college offers a course in Environ-



mental Studies. The research-based course has featured projects in biodiesel production, recycling on campus, energy curtailment programs, and wind/solar energy options. The Environmentally Conscious Organization for Society (ECOS) is a student group promoting environmental events and sustainability on campus.

Highlights for the College at Brockport, sustainability initiatives include:

- Listed in the Princeton Review's "Guide to 311 Green College".
- Recipient of the Rochester Business Journal Environmental Leadership Award for Pollution Prevention.
- Decreased average unit cost per square foot from \$1.94 for the '06-'07 FY to \$1.90 for the '07-'08 FYI.
- Participant in the STARS Survey which provides a framework for understanding sustainability in all sectors of higher education and enables a meaningful comparison over time and across institutions.
- The Green House Living Learning Community newly renovated LEED **GOLD** Thompson Hall! The Liberal Arts Building will strive for LEED-**SILVER**



BASC

BASC gets a green star for the many sustainability initiatives they've undertaken over the past year. Events including Campus Sustainability Day, America Recycles Day, Recyclemania, Earth Day and their 'Get Caught Green Handed' campaign.

The Barnes and Noble College Bookstore has expanded their textbook rental program to over 250 titles! Textbooks are also available in digital form and NookStudy, a free download that manages the digital textbooks. Less paper = Less waste!

BASC initiated a new pre-consumer compost program. Partnering with the Grounds Department, BASC composts all pre-consumer food waste from Harrison and Brockway Dining Halls and Seymour Union.

Currently, all disposable products used by Dining Services are eco-friendly. Portion cups have also been eliminated in the dining halls to minimize waste.

Brockway is now trayless and Harrison Dining Hall will be trayless starting fall 2011 in an effort to reduce waste and decrease campus' carbon footprint. Brockway has reduced its post-consumer refuse by 33.3 % since removing trays in Brockway!

New, faster, shuttle! The Eagle Run will make more frequent stops between parking lots and buildings on campus. No need to idle on this campus, take the shuttle!

The Fast TRAX Bike Borrowing program, co-sponsored by Residential Life Learning Communities, saw increased use across campus with more

bikes added to the fleet.

Hertz on Demand goes free! That's right, get a membership to the Hertz Connects program for free and get going!

Don't forget your Taxi on Demand pre-paid card.

For more information check out www.basc1.org/



Environmental Health and Safety (EHS)

EHS is currently developing online training for all hazardous waste and lab management. This will save the cost of training and paper.

EHS funded a pilot program with the Department of Communications to create a sustainability video for campus use.

EHS has the primary oversight of the Managing Environmental Safety and Health Sys-

tem (MESH) for environmental, sustainable and green aspects of the College.

EHS has led the charge to move forward with the Association for the Advancement of Sustainability in Higher Education's STARS system. This rating and tracking system will quantify sustainability on campus in areas such as curriculum, facilities and planning and advancement. This will put Brockport on the map, denoting how

sustainable the campus is compared to peers.

Other EHS initiatives include proposing the use of ethanol for campus vehicles and discussing the potential for wind turbines on campus.

More information can be found at www.brockport.edu/ehs

The Sustainability Taskforce developed a Sustainability Policy currently at the President's Cabinet for review.

Residential Life

Recycling in the dorms includes more than just paper, plastics and glass. Residential Life has paired up with Nike Grind to recycle worn out sneakers and the Preserve Gimme 5 program which recycles plastics with the number 5. These number 5's are sent to Cortland, NY to be remanufactured into toothbrushes. Way to go Res Life!

Residential Life's 'Green Team' was

created to focus on sustainability initiatives. Events on campus included Campus Sustainability Day, America Recycles Day, Recyclemania and Earth Day.

Welcome Green House, the Living Learning Community with a focus on sustainability. Nineteen freshman chose



to benefit from this community and by living and learning green!

Finally, move out last spring successfully increased recycling of materials, thereby diverting from landfilling. Clothing, non-perishable foods, electronics and books were a few items recycled.

Go to <http://www.brockport.edu/reslife/> for more information.

Information Technology (IT)

A printing quota was implemented beginning fall 2010 to reduce excess printing in the labs and reduce resource usage. Printing was reduced by 45%, the number of jobs was reduced by 39%. Good work!

IT is replacing older, energy inefficient printers with newer printers that print duplex. All lab printers are set to print duplex by default.

IT is running its CRT elimination program whereby old monitors and equipment are exchanged for more energy efficient technology. Imagine how much energy this saves! And all our computers

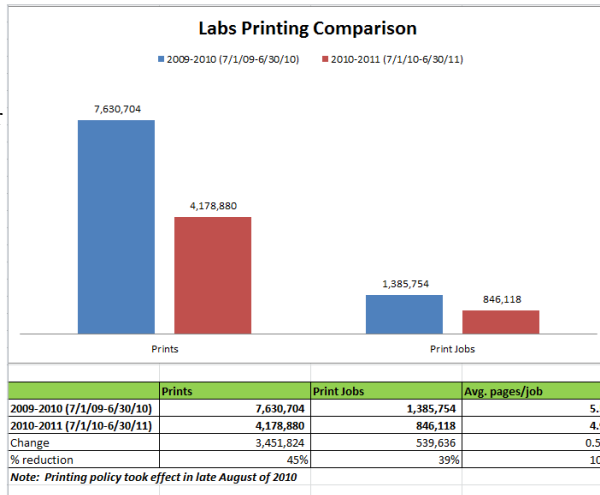


Figure 1. Printing reduction after implementation of print quota.

are recycled by Sunnking Inc, which closes the green loop! Last year the College recycled 27.491 tons of electronics!

Check out www.brockport.edu/lits/technology/technology.php for more information on this and all their programs!

Don't miss our **2011 Tech Fair** **October 12, 2011**
10 AM – 4 PM
Seymour College Union Ballroom

Purchasing and Procurement

Purchasing now requires at least 30% recycled content paper to be used in all copier machines on campus. The College purchased 66,375 lbs of this recycled paper which saved 568 trees!

The Print Shop is available for large print orders. The Print Shop offers speed and is energy and economically efficient!

The campus design and production only offers stock paper that is fully FSC (Forest Stewardship Council) certified.

The Kaleidoscope Alumni Magazine printed 70,000 copies using FSC paper. This saved 19 trees, 13.5 mBTUs, 7,108 gal of water, 16,994 lbs of green gases and 1,176 lbs of solid waste!

Property control has a surplus program to divert equipment and usable materials from landfilling.

Ink toner cartridges are being recycled all across campus in a campaign to increase recycling. All building and residence halls have recycling bins for these items.

For more information on Purchasing and Procurement go to www.brockport.edu/pps/

All College publications are printed on Forest Stewardship Council Certified paper!

Green for Life!

Are you aware that your personal decisions and behavior make an impact on the environment? There are easy decisions that have a known effect such as recycling your plastic water bottles, but did you know that other changes such as turning off the water while you brush your teeth can save gallons of water per day?

Over the past year Marcie Desrochers,

PhD from Psychology and Hilary R. Mosher, MS, MPA from Environmental Science and Biology have conducted five workshops to create pro-environmental behavior change among students on campus. The behavior change methods are consistent with proven psychological behavior change methodology and indicate an increase in pro-environmental behavior by following a routine established by Desrochers and Mosher.

Are you interested in quantifying your behavior? Would you like to see how to be more environmentally friendly? Workshops will take place in the fall and spring semesters and will be used for research purposes. Please contact Marcie Desrocher at mdesroch@brockport.edu or Hilary R. Mosher hmosher@brockport.edu for more information. Go Green for Life!



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Find us online!
www.brockport.edu/gci

Thank you from the Chair!

This year has been an exciting one; from LEED Gold, to the STARS survey to the new Green House Living Learning Communities, this community has been busy! I want to thank everyone for the great accomplishments that have been made and highlight just a few:

- International Coastal Cleanup event at Hamlin Beach State Park drew near 100 people
- Green Interns Amber Barmore and Ben Sleeper worked tirelessly with the STARS survey, Campus Sustainability, ECOS and the Sustainability Gathering of Green Colleges.
- James Cordeiro (BUS) created a Faculty Learning Community called *Sustainability an Imperative*. Members of this diverse group hail from History to Business to Environmental Science and Biology. Expect great things!
- James Haynes and Hilary R. Mosher (ENV), James Cordeiro (BUS) and Jeff Smith (ITS) presented at CELT on Sustainability in the Curriculum, a modern approach.
- Kathy Groves is working tirelessly with faculty and staff to promote the first ever Green Best Practices workshop to be held in October. For more information see...

The Sustainability Taskforce 2010– 2011 Membership:

Chad	Collins	Head Grounds Sup, F&P
Marcie	Desrochers	Psychology
Colleen	Donaldson	Director, Grants Development
Joseph	Franek	Director, Residential Life
Johnna	Frosini	Welcome Ctr Parking Svcs Coord
Katie	Grau	Student
Sarah	Georger	Coordinator, LLC, Residential Life
Kim	Haines	Director, Campus Life
Jim	Haynes	Chair, Environmental Sci and Bio
Anna	Hintz	Marketing Director, BASC
Mark	Hillman	Grounds, F&P
Bob	Hofstra	Dir. of Utilities & Energy, F&P
Sarah	Klein	Assistant Director of EHS
Lisa	Kifer	Welcome Center/Parking Services
Rick	Lair	Dir. of Facilities Maintenance, F&P
Anne	Macpherson	History
Jose	Maliekal	Assoc Dean, Letters and Sciences
Nick	Mascari	Marketing and Communications
Heidi	Melens	User Services Specialist, ITS
Gretchen	Morith	Purchasing
Hilary	Mosher	Environmental Sci and Biology
Donna	Napier	Purchasing
Chris	Price	Director, CELT
Jeff	Smith	Dir. Technology Support Services
Lou	Spiro	V.P. Administration and Finance
Paul	Tankel	Ass. Director of F&P
Dave	Turkow	Director of EHS
Matt	Vanderwerf	Professional Benefits Mgr, HR
Wendy	Vergamini	Asst. Dir of Procurement/Payment

Princeton Review's Green Facts

Green Facts

15% food budget spent on local/organic food

Available transportation alternatives:

restricting parking, bike share/rent, car share, carpool parking

School has formal sustainability committee with participation from faculty, students, facilities, finance, alumni, dining services, transportation, campus safety, health services, student life, residence life

Environmental studies degree available

20% of school energy from renewable resources

School provides guidance on green jobs

75% school cleaning products that are green-certified

90% school grounds maintained organically

Student Body

of applicants 8,671

% of applicants accepted 45

Average HS GPA 3.5

Range SAT Critical Reading 470–560

Range SAT Math 500–590

Range SAT Writing 450–560

Cost

Annual in-state tuition \$4,970

Annual out-of-state tuition \$12,870

Required fees \$1,138

Room and board \$9,200

58% of students receiving need-based scholarship or grant aid