

The ENVS Note

Environmental Science Program at Westfield State College
Summer 2004, Volume 2, Issue 1

2004 Graduates!

Fifteen New Environmental Scientists leave Westfield State College for a new career. Please congratulate **Kristel Allen, Joe Bolduc, Rebecca Ducharme, Murielle Georges, Russ Monroe, Janice Balicki, Adam Cote, George Durante, Richard Kopec, Amanda Perron, Robert Bartholomew, Roland Deblois, Rebecca Emerson, Gary Krasinski, and Nicoll Skala!** Wish them the best, the next time you see them!

Roland Deblois and **Amanda Perron** earned the Academic Excellence Award in the interdisciplinary program of Environmental Science.

Roland hails from Southwick, Massachusetts and has made the Dean's List EVERY semester! His Senior GIS research project investigated the spatial distribution of tornadoes in New England. He is applying to grad school with a cumulative GPA of 3.8.

A transfer from Green Mountain College, **Amanda** also completed the requirements for the Regional Planning BS degree. She too, has placed on the Dean's List EVERY semester. Her environmental science internship was for the City of Westfield, Massachusetts and conducted an open space plan for the community. She

also earned a 4.0 her senior year!

As always, we hope that the new graduates keep us informed.

Curriculum Changes

Several changes have been recommended to Campus Governance that effect ENVS majors. New courses in Water Resources Planning and Management, GIS and a Special Topics class are now official. Animal Behavior is also a new addition in the major.

Also, pending final approval, most core classes are now recommended with the exception of the 4 lab science courses (Geology, Chemistry and Physical Geography). This will standardize the requirements for transfers and typical 4 year students.

See your advisor or the website for the latest details.

Summer DC Intern

Daniel Harren (ENVS/POLS 2005) is interning in Washington DC, our nation's capital. Sponsored by The Washington Center for Internships and Academic Seminars, this is a valuable experience and those interested in finding out more, should contact Prof. Zampini in the Political Science Department.

Faculty News

Mike Vorwerk sponsored several ENVS students for the Undergraduate Environmental Science Conference at Bridgewater State College. His ongoing research is centered on the Westfield River and he continues to introduce students and the public to this wonderful resource.

Rod Francis is conducting research with Stephanie Kelly on New England Brownfields. Their research is published in the Proceedings of the New England St. Lawrence Valley Geographical Society.

Mirela Newman presented a research paper at The Annual Meeting of the Association of American Geographers, Philadelphia, PA (March 2004). The paper was titled *A New Downtown for A New City: Planned Urban Revitalization in Almere, the Netherlands*.

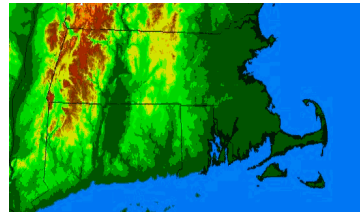
Stephanie Kelly will publish *Community Planning: How to Solve Urban and Environmental Problems*. Rowman and Littlefield Publishing Group, Lanham, MD.

James Phillips is volunteering and consulting for the Springfield Science Museum.

Karl Leiker was a consultant for the WES (Water in the Environment Systems) sponsored by the National Science Foundation.

Environmental Jobs & Careers
<http://www.ejobs.org>

For more information about the faculty, see the Biology Department homepage at:
<http://biology.wsc.ma.edu/>



and the GARP Department at
<http://www.wsc.ma.edu/garp>

Second Annual Undergraduate Environmental Research Symposium

Seven students conducting undergraduate research under Prof. Vorwerk supervision presented their research at the Second Annual Undergraduate Environmental Research Symposium at Bridgewater State College in Fall 2004:

Palpini, A., C. Verdolino, and Michael Vorwerk. "Temperature as the Limiting Factor of the Westfield River Watershed Atlantic Salmon Habitat."

Perron, A., K. Allen, and Michael Vorwerk. "The Effects of Dam Impoundments on River Temperature."

Durante, G., A. Cote, G. Krasinski, and Michael Vorwerk. "The Ecological Effects of Rt. 9 on the Westfield River Habitat."

Senior Capstone Research

"Nonpoint Source Effects of a Farm on Mill Brook," David Ennaco

"A Lake Management Plan for Lake Thompson, Palmer, MA"
Joe Bolduc

"The Ecological Effects of Route 9 on the Westfield River Habitat" Adam Cote, Gary Krasinski, George Durante

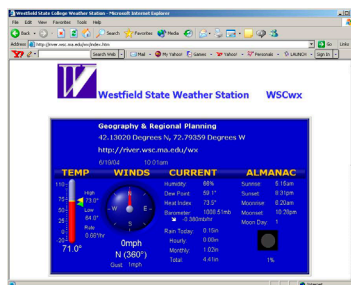
"Temperature as the Limiting Factor in the Westfield River Watershed for Atlantic Salmon Habitat," Andrea Palpini

"Point Source Turbidity Effects of Lane Quarry on the Westfield River," Kirsten Brobeck

"Environmental Determinism: Historical and Modern Analysis," Rebecca Ducharme

"The Effects that Dam Impoundments have on River Temperature," Kristel Allen and Amanda Perron

"The Effects of Road Salt on the Westfield River Watershed," Murielle Georges, Caitlin Turner, and Roland Deblois



WSCwx Online!

Westfield State College Weather Station is online. <<http://river.wsc.ma.edu/wx>>
For current weather conditions. Need help interpreting the data? GARP0102 and GARP0230 will help out!

New Graduate Program approved by Mass Board of Higher Ed:

A Masters in Public Administration is now a go. Want a graduate degree that can be completed at night at WSC? Contact Political Science Prof. Zampini at WSC! <pzampini@wsc.ma.edu>

Westfield River Symposium No. 10

Carl Grobe and other WSC personnel were instrumental in bringing citizens the Tenth Westfield River Symposium. The Symposium serves to provide environmental education and is cosponsored by the Westfield River Watershed Association. For more information about WRWA, visit <http://www.westfieldriver.org>
ENVS Faculty **Michael Young** manages this page.

The Environmental Careers Organization <http://www.eco.org>

For more information about the Environmental Science major, see the ENVS homepage at:
<http://www.wsc.ma.edu/environmentalscience/>

GIS Certificates

The following individuals have earned the GIS Certificates: Robert Bartholomew and Roland Deblois. Certificates are in the mail!

Special thanks to Jean Placzek for maintaining all the ENVS records! Come fall, you will notice that Jean has moved across campus to the Office of Academic Affairs. Congrats Jean!