

Undergraduate Training Week 2010

The 2010 - 2011 Streams Project Undergraduate Training Week was held at Saint Michael's College (with many thanks to their wonderful staff!) from June 1st-June 5th. Twenty nine students from the University of Vermont, Saint Michael's College, Johnson State College, University of Puerto Rico, Universidad Metropolitana in Puerto Rico, University of Delaware, University of Rhode Island and Wesley College attended the training. This multi-state approach includes members of the Northeast Cyberinfrastructure Consortium (NECC) and is part of the Watershed Project, which integrates the Streams Project model throughout the northeast region of Vermont, Rhode Island, Maine, Delaware, and New Hampshire. Students came to Vermont for training, and then returned to their home colleges to conduct streams research with a mentor at their home institution.

As always, Undergraduate Training demonstrated what a great group of young scientists these students are! And, as shown in the group photo below, it is apparent that they are a fun group as well.

Streams Project Undergraduate Training Week 2010!



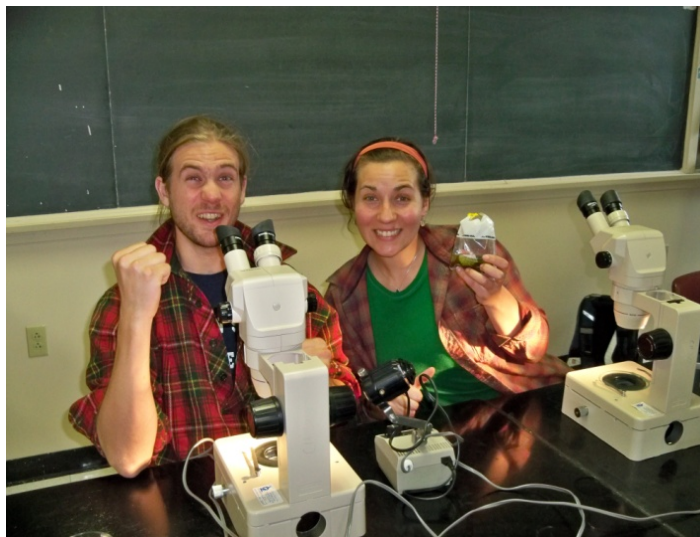
Students spent the week at Saint Michael's College learning how to collect water and macroinvertebrate samples from local streams, how to identify macroinvertebrates, and how to conduct research projects. They were also introduced to data analysis and got a look at how GIS activities can tell us a lot about our local streams. Check out some photos of students in action below!



Johnson State College Students Benjamin Massey and Ryan Joy empty their macroinvertebrate samples into a sieve.



University of Puerto Rico Student Edgardo Martinez and Universidad Metropolitana Student Ramon Pena work on identifying macroinvertebrates.



Johnson State College Students Saul Blocher and Danielle Mendes show their enthusiasm for macroinvertebrate analysis!

Johnson State College Faculty member Dr. Robert Genter will be working with his students on ribotyping throughout the summer and academic year.



Dr. Declan McCabe of Saint Michael's College works with undergraduates on identifying macroinvertebrate samples that the high school teams send in. He also hosts a macroinvertebrate identification workshop for high school students in December.

Throughout the summer and academic year, Streams Project Undergraduate Interns will undertake a variety of research projects. Some students will be focusing on water quality issues, and will be working in the water quality lab at UVM, some will work with Dr. Declan McCabe at Saint Michael's College on Macroinvertebrate analysis, and some will work on GIS analysis and research at the Streams Project GIS Lab at UVM. Others will spend their time researching phosphorus in soils working with a mentor in a Soil Science Lab at UVM, and Johnson State College interns will be doing ribotyping with Dr. Robert Genter. Let us know if you're interested in learning more about our research projects!

In April 2011 at the Streams Project Annual Symposium, Undergraduates and High School teams will come together to present their research, both in oral presentations and poster presentations. Look for news of the April Symposium in early spring!