



Science Teachers

Do you want to engage your students in a fully supported scientist-teacher-student partnership?

Without overloading your already packed science curriculum, and by making links to key climate literacy content?

Without worrying about how you will pay for field equipment?

All while helping Maine scientists better understand snow and snowpack?

The University of Maine and the Schoodic Institute at Acadia National Park are offering a scientist-teacher-student research partnership studying snowfall, snowpack and snowmelt through the Acadia Learning program.

Our scientist partners are investigating the changing nature of snowpack in our watersheds and across the State. They need data from a wide variety of locations, from any part of the State of Maine. You and your students can be part of the research team.

For the 2015-16 school year, we are looking for a group of 15 teachers to join the project, and its 21 teachers, for its third year.

Your students will be asking their own questions and collecting samples to support their own research; at the same time they will also be collecting samples that will be used by the partnering scientists.

While you are supporting the research scientist, Acadia Learning supports you. The Acadia Learning program offers professional development, curriculum materials*, field support, and equipment to participating teachers.

In addition to conducting classroom and field study that meets education standards, **the program is intended to strengthen students' scientific inquiry skills.** These include: developing research questions; reasoning; managing and making sense of data; and communicating research results to peers, scientists, and local community members.

Join us!

To sign up or ask questions about this opportunity, please contact Acadia Learning project staff: Dr. Sarah Nelson, UMaine sarah.j.nelson@maine.edu, 207-581-3454
Hannah Webber, Schoodic Institute, hwebber@schoodicinstitute.org, 207-801-1148

From other Acadia Learning project teachers:

"The reason I keep this project is because the students learn about what science is and how science is done."

"One of the biggest things that I felt happy about, that the students got out of the project was just a sense of 'I can do this.' That sense of accomplishment, that pride really was a huge thing for them and it came from realizing they could do science."

"You guys do a great job making it easy for teachers to do these projects in a variety of class settings."

* Curriculum materials have been developed to integrate the project into existing ninth grade Earth science classes. We will work with interested teachers to integrate into other subjects and grades.



This project is funded by NOAA B-WET: www.oesd.noaa.gov/grants/bwet.html#page=about