Greetings,

A big thank you is extended to Doug Alsdorf, Joel Barker, Anna Wegner, Aaron Wilson, and Jeff La Frenierre for presenting their research to elementary school teachers enrolled in our June summer workshop. We had a successful six days helping teachers learn to incorporate science inquiry and science literacy in their classes. Our BPRC guest speakers were a highlight of each session. I also appreciate Jacob Hoelscher joining us each day to video record the sessions. Our second summer workshop is July 8th to 13th in the Byrd Polar Research Center Learning Center.

We were contacted by a high school in New York last month about data sets for high school students to analyze. There are two reasons for this request. First, teachers nationally are being asked to use real data, whenever possible, in their science and mathematics classes to show trends and patterns and to relate instruction to real world situations. Second, some students are undertaking data analysis projects as inquiry or “science fair” projects. The school that contacted us has digitized temperature measurements from handwritten journals in the Arctic and then analyzed them. They are currently undertaking a project with NOAA. If you would like to see similar projects, a website called Zooniverse (https://www.zooniverse.org/) has some currently running examples. Processes and infrastructure exist to check data entry for accuracy. These projects fall under the growing field of what has been titled “citizen science.”

If you have data that you think might be valuable to share with teachers or data you would like to see digitized as it would add value to the research community, please drop me a message at cervenec.1@osu.edu.

Regards,
Jason Cervenec

The next OSU Climate Change Webinar will take place at noon on July 11th and focus on Climate Education. Register online at http://changingclimate.osu.edu/webinars/.

Education & Outreach Needs More Pringles Cans
We had so many spring and summer programs that we ran out of Pringles cans to pour our simulated ice cores. We went from an inventory of more than 30 cans to 1 can in about a month. I am accepting donations in the bag outside my office, 135A Scott Hall.

Save The Date
BPRC will host a family fun night on the evening of Tuesday, August 27th from 4:30 to 6:30 for anyone associated with the center and their immediate family members. The night will include tours, activities for children, lawn games, and a BBQ. Details will be provided in the August newsletter.
New Graduate Students in Polar Meteorology

Jonathan Wille
Hometown: Freehold, New Jersey
Research: Examining atmospheric stability within the Antarctic Mesoscale Prediction System model (AMPS)
Background & Interests: I received my B.S. in Meteorology from the University of Oklahoma. Go Sooners! I Enjoy storm chasing, hiking, skiing, rock climbing, and travelling.

Karen Pon
Hometown: Perth, Western Australia
Research: Polar meteorology
Background & Interests: In my former career as an operational meteorologist, I worked all over Australia, as well as Southeast Asia and Antarctica. This included tropical cyclones in Darwin, fire weather in Perth, thunderstorms in Penang and blizzards at Davis Station.

IMPENDING DEADLINES...
NASA
Instrument Incubator Program • NNH13ZDA001N-IIP • Due 7/15/2013
Terrestrial Hydrology • NNH13ZDA001N-THP • Due 7/15/2013

NSF
Petrology and Geochemistry • 09-543 • Due 7/6/2013
Geobiology and Low-Temperature Geochemistry • 09-552 • Due 7/16/2013
Geomorphology and Land Use Dynamics • 09-537 • Due 7/16/2013
Sedimentary Geology and Paleobiology • 12-608 • Due 7/18/2013
Earth Sciences Postdoctoral Fellowship • 13-548 • Due 7/18/2013
2013 Rick Toracinta Graduate Scholarship in Atmospheric Science

Dr. E. Richard (Rick) Toracinta was a talented research scientist with the Polar Meteorology Group of the Byrd Polar Research Center at The Ohio State University. In addition to his polar work, Rick had a passion for severe weather and was a volunteer storm chaser on the Great Plains during many springs. This scholarship commemorates Rick's lasting interest in the atmosphere as well as his desire to be a teacher.

The scholarship is awarded biennially to a graduate student studying atmospheric science, broadly defined, at The Ohio State University. Preference will be given to students specializing in severe weather (e.g., thunderstorms, tornadoes, and hurricanes), polar meteorology or polar climatology. The selection criteria include academic performance, excellence as an instructor (if appropriate), intended use of the scholarship funds to advance one's graduate studies, and financial need.

To apply, send a brief (typically 1-2 pages) statement of eligibility and intended usage of the scholarship funds. Examples of the latter include travel to a conference or to undertake fieldwork for one's degree, payment of page charges on a refereed manuscript, etc. Include copies of your undergraduate and graduate transcripts. Provide a cover page that specifies your name, phone, email address and advisor's name.

By Friday, September 27, 2013 send these materials to:
Professor David Bromwich
Polar Meteorology Group, Byrd Polar Research Center &
Department of Geography, Atmospheric Sciences Program
108 Scott Hall, 1090 Carmack Road, Columbus, Ohio 43210

The $2,000.00 scholarship will be awarded in October, 2013. The recipient will be selected by a 3-member committee. For more information, contact David Bromwich at 614-292-6692 or bromwich.1@osu.edu.

BPRC T-Shirt Designed, Orders Being Taken
The official t-shirt design has been finalized. There are long and short-sleeve options and two colors available. You can place your order online at http://tinyurl.com/mqdfrbu and submit payment (cash or check) to Lynn Lay in the Polar Library. If you have questions, e-mail me at cervenec.1@osu.edu.
Field Photos & Video…
Please continue to forward me photos and video from the field. We distribute this content via our Facebook account and Twitter feed and display it on the video screens in the halls and main office of Scott Hall. Photos and video from the field are by far our most popular social media content. We are starting to catalogue our content so that we can provide better access and multimedia content support in the future. For instance, some journals are allowing video and images to be uploaded to their sites to support coverage of articles. The quality of our supplemental media content could have an impact on the coverage of an article by the popular press.

Closing Thoughts…
The Polar Rock Repository delivered 34 Rock Boxes to educators across the country from July 2012 to June 2013 reaching more than 2500 individuals.