Greetings,

It has been a busy month in Scott Hall as we have undertaken a few simple projects to make the facility more inviting. The office has received new carpet, paint, and arrangement of furniture. The BPRC Graphics Department, also known as Wes Haines, has moved down the hall to room 119. Just this week, we finished installing magnetic rails in halls on which to mount research posters. Later this spring, I hope to do more painting in the hallways. This, combined with media on the video screens and small graphics on the walls, will share science content and the center’s current research with guests.

It is also the busy season for tours of the center and visits to schools. Aaron Wilson and I have been averaging about two programs a week over the past month. This will continue through about April when schools start to wind down for the year. By then, we move planning for the summer workshop season into high gear.

Regards,
Jason Cervenec

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**Last Chance - Applications Open for Byrd Fellows Through March 31, 2013**

Please share information about the Byrd Post-Doctoral Fellowship Program with individuals who have superior academic backgrounds, are pursuing advanced research in topics relevant to polar and alpine environments, and received their Ph.D. within the past five years. Information about applying and background about the program are available online at [http://bprc.osu.edu/byrdfellow/](http://bprc.osu.edu/byrdfellow/).

**Undergraduate Multimedia Job Posted**

BPRC is looking to fill an undergraduate position to develop multimedia for the center as part of various funded research projects. We are looking for an undergraduate student with strengths in both science and multimedia development. A description of the position and how to apply are available online at [http://bprc.osu.edu/education/blog/undergraduate-job-opportunity/](http://bprc.osu.edu/education/blog/undergraduate-job-opportunity/).

**Send Us Your Recent Research Posters (…or those of your students)**

We recently installed a magnetic rail system on the walls of Scott Hall that allows us to quickly change posters without damaging the wall. Each poster is accompanied by a brief biosketch of the researcher. Displaying current posters helps share your research with colleagues and makes it easier to communicate information with guests on tours of the center.

**Apply for a Departmental Impact Grant**

Apply by Monday, April 1st for the Office of Distance Education & eLearning (ODEE) Departmental Impact Grant. Receive up to 200 hours of Learning Technology expertise and $15,000 to extend learning technology use that increases student engagement, facilitates greater instructor efficiency, or enables anytime/anyplace learning. Contact: ltgrants@osu.edu  Read more: go.osu.edu/IG
Upcoming Programs & Events

Campus Lecture
The Future of Energy and the World
Dr. Daniel Yergin, Pulitzer prize-winning author and CNBC’s global energy expert
Tuesday, April 2nd at 4:00 in the Griffin East Ballroom of the Ohio Union

Dissertation Presentation
Assessing Whether Climate Variability in the Pacific Basin Influences the Climate over the North Atlantic and Greenland and Modulates Arctic Sea Ice Extent
Stacy Porter
Thursday, March 28th at 1:00 in 177 Scott Hall

Peru Night
We will be holding Peru Night in the spring on Tuesday, April 23rd to avoid any chance of a weather cancellation. The schedule is as follows:

5:00 pm Public Tours of BPRC & Archival Items on Display
6:00 pm Dinner
7:00 pm Dr. Lonnie Thompson
7:35 pm Segments from Ethan Steinman’s Video on Climate Change in South America
7:55 pm Dr. Bryan Mark
8:30 pm Dessert/Socialize

Laura Kissel, Polar Curator, will have items from the Polar Archives on display this year. We will ask those attending the dinner portion of the event to RSVP so that we can order an appropriate amount of food. This event will be co-sponsored by BPRC, the Department of Geography, and the Center for Latin American Studies.

We Need Your Help
We would love to have you as a volunteer! BPRC has two high profile outreach events this spring that engage the public. One is at the Columbus Zoo on Saturday, April 20th in celebration of Earth Day. We will be providing information and activities at the Polar Frontier exhibit. The second is on Saturday, April 27th on campus as part of the Ohio Science Olympiad State Tournament. BPRC will be running the Dynamic Planet event at both the middle and high school levels. Science Olympiad brings some of the most talented science students from across the state to campus for the tournament. No experience is needed to participate; just drop me a line if you are interested at cervenec.1@osu.edu.
Byrd Bites Brown Bag
Our new brown bag series continues with…

- Chiara Uglietti on Thursday, March 21 @ Noon
  *Recent environmental change as recorded by Andean ice-core glacio-chemistry*

- Paolo Gabrielli on Wednesday, April 24th @ Noon
  *The new Mt. Ortles ice cores: revealing a high altitude climate record in Southern Europe*

All brown bags will be held in the new Learning Center (Room 177 of Scott Hall).

**BPRC Summer Workshops for Teachers**
We will be co-sponsoring workshops for teachers this summer. If you know local teachers who might be interested, please pass along the information.

*Summer Workshop for Teachers in Watersheds & Computer Modeling of the Hydrologic Cycle - A Professional Development Opportunity for Middle & High School Teachers*
http://bprc.osu.edu/education/blog/teacher-professional-development-middle-high-schools/

*Connecting Climate Science and Inquiry in K-6 Classrooms - A Professional Development Opportunity for Elementary School Teachers*
http://bprc.osu.edu/education/blog/tpd-climate-science-elementary/

We are also considering topics for next summer’s workshops and discussing opportunities for middle and high school students with campus partners such as Stone Lab. If you have ideas or suggestions, please drop me a line at cervenec.1@osu.edu.

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**Guest Teacher Feature - Sharing What Is Happening in Local Classrooms**
By Miriam Como Skapik, Marburn Academy

In science class at Marburn Academy, a mixed classroom of 4th and 5th graders turned their attention to the many processes that shape the Earth’s surface. Earth-changing events including volcanoes, mountain building, and glacial erosion were illuminated through time-lapse animation using iStopMotion software. Understanding how these events occur led to research on their effects and ways humans deal with these effects. The final focus of the unit turned to changes spurred by human consumption of fossil fuels. On a trip to the Byrd Polar Research Center at The Ohio State University, the class learned about the importance of ice cores as indicators of rising carbon dioxide levels in the atmosphere and the increase in the rate of glacier melt. Viewing data on the rise in atmospheric carbon dioxide, sea level, ocean temperatures, and storm strength prompted the class to take action. Each student tracked a behavior that reduces carbon emissions, such as turning off the lights for one week, and then graphed the behavior on an Excel spreadsheet. The graph not only showed how much carbon dioxide was not emitted in one week but also the CO₂ savings if the behavior continued for a month and a year. The enthusiasm continued with the creation of buttons suggesting various emission reduction activities. Buttons, videos, an ice core model, and knowledge were shared by students with parents at a recent open house.
Byrd Polar received some extra news coverage this month on Channel 4 with a piece on the impact of climate change on disease followed one day later with a story on Dr. Lonnie Thompson’s heart transplant at the Wexner Medical Center last spring.