Greetings,

There is a poster for a series of BPRC events to be held in December on page three of this month’s newsletter. When you are done reading, please paste this poster on your office door or other prominent location.

On page four, you will find a trivia challenge with chances to win four free tickets to the Columbus Zoo & Aquarium (worth $60). Aaron Wilson and I created this challenge to be used with students visiting the center on tours but I figured it was worth field-testing on the readers of our newsletter. See how many you can complete before engaging a Google search. I really want to give away these zoo tickets!

Regards,
Jason Cervenec

Byrd Bites Brown Bags for Autumn Semester
All events take place in the BPRC Learning Center (177 Scott Hall) at noon. This is a friendly environment to share your research or field experiences.

- Tuesday, October 8th • David Bromwich  
  Global Warming: Fact or Fiction (preview of his TED Talk)
- Wednesday, October 16th • Michael Durand
- Wednesday, December 4th • Jeff La Frenierre

ITQ Videos from BPRC
If you want to take a look at the summer’s climate change workshop for elementary school educators, there are now five videos from five content sessions online, including those from Doug Alsdorf, Joel Barker, Anna Wegner, Aaron Wilson, and Jeff LaFrenierre. Our new media specialist, Pam Theodotou, was able to merge each of the speaker’s slides with video of their presentation. All five videos are online on our YouTube feed and Vimeo account at [http://vimeopro.com/byrdpolarresearchcenter/bprc-june-2013-workshops](http://vimeopro.com/byrdpolarresearchcenter/bprc-june-2013-workshops).

New Additions to BPRC

Laura German
**Hometown:** Dayton, Ohio
**Education:** Laura is a 2013 graduate of the College of Wooster with a BA in Chemistry. She also completed a study abroad for biochemistry at the University of Canterbury in Christchurch, New Zealand and an intensive Hebrew course at the University of Haifa, Israel.
**Research:** Laura is a Geochemistry PhD student, advised by Dr. Berry Lyons, with a focus in the biogeochemistry of Blood Falls on the Taylor Glacier, Antarctica. She is broadly interested in ice chemistry and its effects on global ecological systems.
**Background & Interests:** She is the second oldest of seven siblings and a professional snowboard and telemark ski instructor.
Winterscape
A Look at Changing Ice & Changing Ways of Life
Columbus, Ohio • December 3rd - 5th, 2013

Glacial Balance with Filmmaker Ethan Steinman
Tuesday, December 3rd @ 7:00 p.m.
Wexner Center for the Arts, Ohio State Campus
Glacial Balance is a feature-length documentary film that takes the audience on a journey along the spine of the Andes, meeting those first affected by the dwindling glacier reserve. Through scientists, we learn of the effect this decline is having on our planet.
tickets available at wexarts.org

Brown Bag Lunch & Communicating Science Session
Wednesday, December 4th @ Noon
Byrd Polar, Scott Hall Room 177, Ohio State Campus
Please bring your lunch and join us to learn more about the impact that climate change is having on the water available in one community in Ecuador. Following the brown bag, we will focus on techniques to collect and edit video to clearly communicate your field research to a broader audience.
reservations for video session at bprcfilm.eventbrite.com

Researching Climate Change: Glacial Balance with
Dr. Lonnie Thompson
Thursday, December 5th @ 7:00 p.m.
COSI, Downtown Columbus
World-renowned researcher Lonnie Thompson will explain how science has allowed us to understand Earth’s past climate and how the choices we make today will impact the future.
tickets available at www.cosi.org/sustainable

Supported by The Green Funds of the Columbus Foundation & The Ohio State University Office of Energy and Environment
Campus Chemical Instrumentation Center (CCIC)
During the recent Office of Research Expo, I met Tapas Mal of the CCIC. His center has two operational high-resolution Bruker NMR instruments: 600 and 800 MHz. Additional information on the facility can be found online at http://www.ccic.ohio-state.edu/NMR-Instruments.

BPRC T-Shirts Have Arrived
Please drop by the Goldthwait Polar Library to pick up your BPRC t-shirt. We have extra shirts available for sale if you did not pre-order. Payment is due at time of delivery: white, short-sleeved shirts are $10 and navy, short-sleeved shirts are $13.

Upcoming Events
Monday, October 7 at 7:00 pm
The McCoy Community Center for the Arts, 100 W. Dublin-Granville Road, New Albany
Climate Change: Glaciers, People and Options
Dr. Lonnie Thompson of BPRC

Friday, October 11 from 9:00 to 4:00 pm
COSI, 333 West Broad Street, Columbus
Global Warming: Fact or Fiction? (TED Talk)
Dr. David Bromwich of BPRC

Monday, October 21 at 2:00 pm
Byrd Polar Research Center, 1090 Carmack Road, Columbus
Measuring Carbon Dioxide from Space & Climate Science Outreach on Capitol Hill
Dr. Clark Weaver of NASA Goddard Space Flight Center & University of Maryland

IMPENDING DEADLINES...

BETHA (Battelle Engineering, Technology, and Human Affairs) Endowment Grants
The Battelle Memorial Institute-Ohio State partnership fosters programs that examine the complex relationship between science and technology and broader social and cultural issues. Strong emphasis is placed on educational and public service projects rather than pure research.
Deadline: November 26, 2013 at 5 pm
http://research.osu.edu/researchers/funding/betha/

NSF
Paleo Perspectives on Climate Change (P2C2) 13-576 Due: Oct 15
# Byrd Polar Trivia Challenge

**Your Name:** __________________________  **Your E-mail Address:** ______________________

Complete the following sheet and drop it in a campus mail envelop addressed to Jason Cervenec, Byrd Polar Research Center, 1090 Carmack Road. Every five questions you answer correctly earn you a chance to win 4 tickets to the Columbus Zoo. The more you answer correctly, the greater your chance of winning. You can only use each person’s name once. Deadline for submissions is October 31st.

<table>
<thead>
<tr>
<th>Name someone from BPRC who has been to Antarctica.</th>
<th>What is the name of the BPRC Lego League team?</th>
<th>Name someone from BPRC who has been north of the Arctic Circle.</th>
<th>How tall is the Admiral Byrd statue in the front lobby of BPRC?</th>
<th>Name someone from BPRC who has spent time on a drilling ship.</th>
</tr>
</thead>
<tbody>
<tr>
<td>In what year was BPRC founded?</td>
<td>Name someone from BPRC who has stood on a glacier.</td>
<td>What was the original name of BPRC?</td>
<td>Name someone from BPRC who has been to an elevation greater than 15,000 ft. on a mountain.</td>
<td>Name someone from BPRC who has taken a science class.</td>
</tr>
<tr>
<td>What year did the first all-woman team visit the South Pole?</td>
<td>Name someone from BPRC who was born on a continent other than North America.</td>
<td>How many miles of ice core are stored in the BPRC freezer?</td>
<td>Name someone from BPRC who has been to four or more continents.</td>
<td>Which involves patterns over a longer period of time, weather or climate?</td>
</tr>
<tr>
<td>Name someone from BPRC who started working there after May 2013.</td>
<td>How thick is the ice sheet over East Antarctica?</td>
<td>Name someone from BPRC who has read Admiral Byrd’s diary</td>
<td>How cold is the freezer at BPRC?</td>
<td>Name someone from BPRC who has been interviewed on the radio or television.</td>
</tr>
<tr>
<td>How many rock samples are stored in the Polar Rock Repository at BPRC?</td>
<td>Name someone from BPRC who has done work for NASA.</td>
<td>What is the name of the building in which BRPC is located?</td>
<td>Name someone from BPRC who teaches students.</td>
<td>How many months does it take a supercomputer to run the largest climate model at BPRC?</td>
</tr>
</tbody>
</table>