

**Byrd Polar Research Center accomplishments,
notes, etc.
Academic Year 2007-08**

Welcome to the following new members:

Our most recent Byrd Fellow, Dr. Harunur Rashid. Harunur is the 2008 Fellow and is working with Dr. Leonid Polyak on chemical paleoceanography of the Arctic Ocean sediments.

New BPRC members: Michael Durand and Taotao Qian. Michael is working with Dr. Douglas Alsdorf and Taotao has joined Dr. David Bromwich's Polar Meteorology Group.

Jialin Lin (Taotao's husband) – has a faculty position in Dept. of Geography

Dr. Ian Howat, an incoming faculty member who joined BPRC and the School of Earth Sciences in January 2008.

Other new students/staff/faculty at Retreat to introduce?

Other Notes

Dr. Taotao Qian received (as part of a team) the Community Climate System Model (CCSM) Distinguished Achievement Award, a highly prestigious award in the global climate modeling community!

CONGRATULATIONS DAVID BROMWICH

Earle Holland, Assistant Vice President for Research Communications, emailed saying: ...” that a story he did last February in advance of David’s talk at AAAS -- "Antarctic Temperatures Disagree With Climate Model Predictions" -- was one of the "10 most popular" stories for 2007 that were released by Eurekalert!, the science news distribution system run by AAAS.

Congratulations to Dr. Ian Howat, recipient of the 2007 Cryosphere Young Investigator Award!! Ian received the award during the Fall 2007 AGU meeting this past December.

In early 2008 Dr. David Bromwich was selected to serve as the Chair for the newly formed Committee on the Design of the Martha Muse Award to Support the Advancement of Antarctic Researchers. This committee is being established by the National Research Council and consists of seven other scientists including Karl Erb, the Director of the NSF Office of Polar Programs.

CONGRATULATIONS to Professor Lonnie Thompson and Professor Ellen Mosley-Thompson – they were recipients of the prestigious Dan David Prize. The other winners include former U.S. Vice President Al Gore and British geologist Geoffrey Eglinton. Lonnie and Ellen will share a \$1 million award with Eglinton.

Lijia Wei and Natalie Kehrwald also received scholarships (\$15K each) from the Dan David Foundation.

Lijia Wei successfully passed her PhD defense (September, 2008).

Congratulations also to Professor C.K. Shum, who is a recipient of a 2008 Distinguished Scholar Award. This award recognizes C.K.'s exemplary efforts in research.

Please join with Dr. David Bromwich in congratulating Dan Steinhoff who successfully defended his M.S. thesis in February 2008. Dan is staying on for a Ph.D.

Aron Buffen rec'd his M.S. in Spring 2008.

Lijia Wei received the first Rick Toracinta Scholarship in Atmospheric Sciences in Sept. 2007.

The 16 April 2008 edition of Nature featured an article titled: "Climate Change: Losing Greenland". BPRC Drs. Ian Howat (glaciologist) and Jason Box (climatologist) along with a number of other notable scientists are quoted numerous times within the article.

<http://www.nature.com/news/2008/080416/full/452798a.html>

Adam Lewis' Movie (Adam is former Byrd Fellow)
Check out the movie that Adam was involved with titled Ice People. (<http://icepeople.com/index.html>)
GPL has a copy of this!

Congratulations to Dr. Michael Willis!! Mike successfully defended his Ph.D. in the School of Earth Sciences under the guidance of his advisor, Dr. Terry Wilson.

Jason Box was in Greenland with the TODAY Show (NBC) for the segment "Ends of the Earth" production on 5 & 6 November. Each day featured different scenes from Greenland, the equator, and Antarctica. Jason was in a few of the Greenland scenes discussing the response of Greenland ice to climate warming and the broader impacts.

Article in OnCampus "Nobel efforts help reel in Nobel Peace Prize". Drs. Lonnie Thompson, Ellen Thompson, Andrew Monaghan, Ryan Fogt, Jason Box, David Bromwich and C.K. Shum and their work on the IPCC reports was highlighted in the article.

Lowell Thomas Award

Dr. Berry Lyons was one of eight awardees who received the Lowell Thomas Award from the New York-based Explorers Club on 18 October 2007, in recognition of their work at the frontiers of climate research. This year's awards theme was "Exploring Climate Change."

Charmaine Schwan (Koch) rec'd a B.S. in Social Work at Capital Univ. in May 2008 (Magna cum laude).

The January 10th edition of onCAMPUS highlighted the work of Berry Lyons. The article titled: "In search for water on Mars, clues from Antarctica" discussed Dr. Lyons work in the McMurdo Dry Valley regions of Antarctica and how it can be used as an analogy for the Mars environment.

The January 15th edition of The Lantern highlighted the work of Dr. Terry Wilson and her students. The article titled: "Scientists Explore Ice Caps" discussed her current work with the POLar Earth observing NETwork (POLENET) and the techniques that are being implemented.

[New Research Blog](#)

Earle M. Holland, Assistant Vice President for Research Communications, reports that in mid May the OSU Research Communications Office started a new research blog. Some of BPRC's research is discussed.

You can see the blog at <http://researchnews.osu.edu/blog/>

We are also planning for the **BPRC Anniversary!!**

At the members meeting led by David Elliot on March 27, a number of ideas were floated about how to commemorate the **50th** Anniversary of IPS/BPRC. The actual Anniversary will be 2/12/2010, (planned for April 2010).

Lynn E. will speak about the BPRC anniversary next

BPRC / OSU will also host an IGS Symposium in September 2010 as part of our year of celebrating the 50th anniversary of the Center; the topic will be Earth's Disappearing Ice or some variant thereof. Those with ideas and suggestions should contact Ellen who volunteered to serve as the Symposium Coordinator. Kees van der Veen has volunteered to serve as the Chief Editor of the accompanying *Annals of Glaciology* volume.

The NASA SWOT mission is hosting a workshop this week at the Blackwell with support from the CWC and many thanks to the BPRC staff for making this happen. (Doug Alsdorf is at the workshop today, that is why he couldn't be at retreat).

Lonnie Thompson received the Seligman Crystal from IGS (2008).

Lonnie and Ellen:

Congrats on being receiving the Alumni Medalist Award from The Ohio State University, November 9, 2007

Education/Outreach – new grants...

- a) Beyond Penguins: is a huge success!!...and has focused on several BPRC researchers
- b) Ellen's TELR grant for the modeling simulation

(assisted by Francis O.) is well underway

c) Garry McKenzie's course development grant (for a virtual course on climate change)

d) Zoo grant (w/ support from Battelle): Metro School, Zoo School & BPRC

b) Other:

--workshops (3rd CReSIS workshop this year--partly done via polycom thanks to CWC)

--assisting w/ production & distribution of the DVD on climate change

--outreach areas have increased (COSI, Zoo, 4-H & OSU Extension, and the 'zine)

Carol will be giving a full update later this morning.

Karin Bumbaco graduated in SU08 (Mark student)

Ben Trube graduated in SP08 with his B.S. in Computer Science (Mark student)

Sarah Wright (M.S. student of B. Mark's) was awarded 3 grants for her 11 weeks of Peruvian field work:

1. The Field Study Award of the Latin American Specialty Group of the Assoc. of American Geographers;
2. International Research Award from the Office of International Affairs (OSU); and
3. A National Geographic Young Explorers Research Award.

Lucas Beem graduated with his M.S. in Winter 2008

Alsdorf and Box awarded tenure!

Tom Lippmann and Diane Foster took positions with University of New Hampshire (August 2008)

Letter of Intent for OSU/BPRC to host SCAR 2012 meeting was submitted on Friday, September 12, 2008.

PLEASE NOTE: This document will be uploaded to the BPRC website after the retreat – so if you would like anything added please contact Michele via email.

Please also visit BPRC news coverage at:

<http://bprc.osu.edu/news/press/>

Please remember to send award/accomplishment information to Lynn E. and Tom K. throughout the year so that it can be added to the BPRC E-newsletters!