BPRC Annual Report
FY 2006
AWARDS BY SPONSORS 2006 ($4,726,683)

- NSF, $3,233,527, 68%
- NASA, $121,0346, 26%
- ONR/DOD, $30,000, 1%
- OTHER, $252,810, 5%
BPRC Travel, 2005-2006

Shaded relief from: http://www.shadedrelief.com/
Accomplishments, achievements, acknowledgements, service and outreach efforts
July 1, 2005 through present

Faculty

- David Bromwich serves as a member of NAS’s Polar Research Board
- Anne Carey was elected a Fellow of the Geological Society of America in April 2006.
- Ken Jezek received a $3M award from NASA for the design of a new radar instrument. The project is entitled “Glacier and Ice Sheets Interferometric Radar”, and partners include University of Kansas, NASA JPL, Vexcel Corporation and EG&G.
- Lonnie and Ellen Mosley-Thompson were awarded the 2007 Distinguished Explorer Award by the Roy Chapman Andrews Society. Lonnie and his group’s article in the Proceedings of the National Academy of Science entitled “Abrupt tropical climate change: Past and Present” received coverage by news outlets around the world. Ellen was awarded a 2006 OSU Faculty Award for Distinguished Service. Lonnie was named a Fellow of the American Association for the Advancement.
- David Elliot retired in August of 2006 after over 38 years of service to BPRC/Geological Sciences/OSU. Library Annex will be renamed for him.
Staff

- **Mary Davis** was the second recipient of the Everett-Lay Service Award this past month.

- **Carol Landis** (with Bryan Mark) received funding from the OSU Office of Outreach and Engagement for a P-12 proposal entitled, “Science + Education = Science & Education”. This project will establish a learning center within which to assess the transfer of knowledge and pedagogy between and among graduate students in the sciences and in education, in addition to any local teachers who visit. OSU faculty members will also be invited to participate and guide the development of lessons. The learning center is now being organized in Room 136 Scott Hall. Carol continues to work on the Battelle Endowment forums that are set for October, January and April of this academic year.

- **Jeff McKenzie**, postdoctoral fellow on academic enrichment (glacial assessment) just started a tenure-track assistant professorship position at McGill University, Dept. of Earth & Planetary Sciences.
Staff

- Laura Kissel presented a paper at the Polar Libraries Colloquy in Rome in May 2006, entitled, “Sharing the Unsharable: Classified Documents in Private Archival Collections”. She has also been recently appointed to the Libraries’ Assessment Committee and will co-chair the Charitable Funds Drive for the Libraries again this year (her six year)!

- Andrew Monaghan’s et al. research paper published in Science in August entitled, “Insignificant change in Antarctic snowfall since the IGY”. This research paper was also covered by other news outlets around the world. Also, a special thank you to Andy for continuing to organize and send out the BPRC weekly eNews letter.

- Bea Csatho has left BPRC after ~13 of service. She has an Assistant Professor position at the University of Buffalo, Department of Geology.

- Kees van der Veen has left BPRC after ~20 years of service. He has an Associate Professor position in the Dept. of Geography at the University of Kansas.
Students

STUDENT ACCOMPLISHMENTS

- **Sarah Fortner** received an NSF GK-12 Fellowship for the 06-07 academic year. She will work with 4th and 5th grade science teachers in Columbus Public Schools for 10 hours weekly, developing and teaching inquiry-based science lessons. This summer Sarah also volunteered with “Girls on Ice”, assisting Univ. of Washington professor, Erin Pettit, which took 9 exceptional 15 to 19 year old women out on Mount Baker for 10 days of field glaciology and outdoor skills confidence building.

- **Steve Goldsmith** was awarded a Shell Fellowship for Winter Quarter 2006. Steve was also an invited speaker at the 2006 NSF EAPSI (East Asia and Pacific Summer Institutes) fellows orientation in April 2006 where he spoke about his experiences spent in Taiwan as an EAPSI fellow in 2004 and 2005.

- **Chris Gordon** received one of three prizes for best student research poster at the May 2006 MAPS Undergraduate Student Research Forum, for his work on “Major, Minor and Trace Element Geochemistry of Taiwan Bedrock”.
Students

- **Stefanie Konfal** received SCAR (Scientific Committee on Antarctic Research) Fellowship 2006-2007, funding a research visit to Modena, Italy, to work with Dr. Alessandro Capra’s research group on GPS analysis and interpretation for the Transantarctic Mountains.

- **Michael Willis** received a student poster award at the SCAR Open Science Conference, Hobart, Tasmania.

- **OSU News Release, June 7.** Ohio State graduates plan to 'Do Something Great!' "Having recently returned from field research in Antarctica, April Jacobs and Liz Miller (from Bellefontaine and Cincinnati, respectively), will earn B.A./B.S. degrees in Geological Sciences." **Liz Miller** also received the award for top undergraduate presentation at the North Central GSA meeting.
Other

- The Polar Archival Program answered 20% more reference requests this year. In addition, they loaned artifacts for an exhibit at the Newport Nautical Museum in Newport Beach, CA, and were key in organizing the exhibit in Hopkins Hall in October entitled: “Passions and Visions: Antarctica”, which was in conjunction with the BPRC colloquy, “Our Polar Past and Present.” The Archives program also has a digital exhibit up of the Paige pastels which is accessible from their web page.

- David Bromwich, Ellen Mosley-Thompson and Berry Lyons will give presentations at Columbus State Community College Life-Long Learning Institute this month for their program entitled, “The Byrd Polar Research Center: An Up-to-Date Sampling of Current Research”.

A pre-endowment fund was established in the memory of Rick Toracinta who passed away in November 2005. The “Rick Toracinta Graduate Scholarship in Atmospheric Science Endowed Fund” will award a $1,000.00 scholarship annually to graduate students 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), and intended use of the scholarship funds to advance one’s graduate studies. This is still a pre-endowment fund because we have not met the $25K level in order to invest these funds. We are very close to meeting the $25K goal and we will be very grateful for any donation.