



At a workshop in October in Lead SD, a group of earth scientists and nuclear physicists tour the Homestake Mine. Herb Wang is on the right. Photo courtesy of Herb Wang.

list of speakers and course readings can be found at www.ies.wisc.edu/forum.htm. I returned to this year's NABGG conference to describe the course.

In October the nuclear physicists held a workshop in Lead, SD to explore using the Homestake Mine for neutrino detection. A group of earth scientists led by Lawrence Berkeley Labs was also in attendance. I especially enjoyed a morning tour of the mine down to the 7400 foot level. (See photo above.)

I continue in my role as associate dean for natural sciences and completed my term as faculty director of the Honors Program. In the spring and summer, I and Pat Simms, a reporter for the State Journal, served as advisors to a group of students who revised a handbook devoted to guiding a student to getting the most out of UW-Madison.

Recent PhD's Dave Hart and Tim Masterlark have taken positions with the Wisconsin Geological Survey and USGS EROS data center in Sioux Falls, respectively. Kyle Lewallen continues to do well at Exxon. He sent me e-mail from a ship in the North Sea. Current student Tyson Strand is engaged in creative modeling and theory development of two-phase fluid flow at the pore scale. He presented some of his work at the U.S. Rock Mechanics Symposium in Washington, D.C. in the summer.

❖ Klaus Westphal

Besides planning and managing the museum exhibits and the educational outreach programs, I taught the introductory course "Life of the Past" which, every semester, acquaints about 45, mostly non-science majors, with the history of life on earth. See also the Museum's "Annual Report" on page 67.

Faculty Publications in 2001

Please see individual faculty web pages for listings of faculty publications for 2001, at <http://www.geology.wisc.edu/people/faculty.html>

EMERITUS ACTIVITIES—2001

❖ C.R. Bentley

Ice Coring and Drilling Services (ICDS) has taken up most of my work time (I do allow myself some time off!). Work is still progressing on the development of the "Enhanced Hot Water Drill" (EHWD) for the IceCube project at South Pole, but the actual emplacement of the neutrino

detectors in the ice there will not begin for several seasons still.

This past season (2001-02) we supported Paul Mayewski's third season of ITASE traversing and drilling on a route from Byrd Station to old Siple Station at the foot of the Antarctic Peninsula. A team of drillers produced three holes for emplacement of a new seismograph system in the deep, quiet ice several kilometers from Pole; they will return next season for a final reaming. We also built and tested a brand-new air-driven shot-hole drill for use by Sridhar Anandakrishnan for his West Antarctic exploration seismic program next season. Some off-season work will still be required to bring the new drill up to Sridhar's specs. We provided a drill for a fascinating New Zealand project on Victoria Lower Glacier where the local climate is sensitively balanced between Ross Sea and East Antarctic plateau influences. Last but not least, we are beginning on the design of a new deep coring drill for the WAISCORES project on the West Antarctic ice divide (i.e. between the Ross and Amundsen drainage systems).

My GLAS work still goes on—we now anticipate a launch of ICESAT carrying the laser altimeter later this year. Former graduate student Ben Smith, now in his doctoral program at the University of Washington, is the primary "doer" for me on this project.

❖ Carl Bowser

My second year of retirement, and things get no less busy. Geology and geochemistry continue to dominate my life, but the camera lens is assuming a larger and larger role. Blair Jones and I have finally gotten acceptance for our long awaited "treatise" on mass balances in weathering of silicate dominated terrains. In final revision, we hope to have it out the door in time for publication in the American Journal of Science either this year or early next year. Some of the work will be