lished version and meant that I was finally really done with that project. At that meeting I gave a talk "Zen and the Art of Groundwater Modeling" at a symposium honoring Mary Anderson's 25 years of service in the department. *(Read more about the symposium on page 35.)* Graduate student, Tyson Strand, presented a talk on a pore-scale, invasion percolation model, which he has been developing.

I continued in my roles as associate dean for natural sciences and faculty director of the Honors Program, Because I helped catalyze a new freshman course called "Alcohol: Behavior, Culture, and Science," I played first-year student and attended about half the lectures. I learned about the physiology, psychology, and sociology of alcohol consumption along with how alcohol is portrayed in literature, movies, songs, and advertising. I again assisted a discussion section in a freshman orientation course called "Ways of Knowing." Another interesting activity was to work with the Center for Biology Education in starting a faculty seminar series called "SyMBiosis" (Science and Math for Biologists). The goal is to improve the curriculum in the basic sciences and math for biology students. In the seminar series we heard biologists discuss their research in genomics, neurophysiology, and ecology with the aim of identifying the basic science and math underpinning these subjects.

Thanks to sponsorship by BP Amoco through Jay Nania, chair of our Alumni Board, Darrell Stanley and I attended a conference of the National Association of Black Geologists and Geophysicists in Houston in October. I learned how hydrogeology plays a role in issues of Environmental Justice and I will be coordinating a summer session forum on the subject in June 2001. Tentatively the course will try to cover social, legal, technical, scientific, economic, political, and health issues. I'll let you know how it went in next year's newsletter.

❖ 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.

Publications in 2000

Please see individual faculty web pages for listings of faculty publications for 2000, at http://www.geology.wisc.edu/people/faculty.html

EMERITUS ACTIVITIES—2000

❖ C.R. Bentley

I have a new job. Last year I agreed to be listed as Principal Investigator on a proposal from UW to assume the ice coring and drilling contract then held by PICO at the University of Nebraska, whose contract was expiring. We had tried 5 years ago without success, but decided to try again anyway. To our surprise we won the contract this time, so, as of August 1, 2000, the University of Wisconsin is responsible for conducting all drilling and coring in ice that is supported by the National Science Foundation and I'm the P.I. (strictly a part-time job). That includes extensive hot-water drilling at South Pole in support of the successor to the AMANDA (Antarctic Muon and Neutrino Detector Array) project. The successor, called ICECUBE will, if NSF is willing to fork out the multi-millions of dollars, greatly enlarge the coverage of the detection network, making it the best cosmic neutrino detector in the world. Francis Halzen and Bob Morse in our physics department are among the leaders of ICECUBE. Bob was the driving force behind the effort to get the drilling contract here, because all the drilling for AMANDA was already being done from Wisconsin through the Physical Science Lab. Bob is Co-P.I. of the Ice Coring and Drilling Services (ICDS).

My own interest, however, is not primarily in ICECUBE but in all the glaciological aspects of drilling. We supported Lonnie Thompson's successful drilling in Tibet last August and Paul Mayewski's second season of ITASE traversing and drilling our of Byrd station in 2000-01. More of our drillers are assisting with Michael Bender's old-air-collection project at South Pole during January, 2001. Next year we will drill holes for emplacement of a new seismograph system in the deep, quiet ice several kilometers from Pole (following a noise study by Don Albert) and produce a humongous number of 100-meter-deep shot holes for Sridhar Anandakrishnan's West Antarctic exploration seismic program. And some years hence is the core drilling to the bed on the West Antarctic ice divide, a project being led by Kendrick Taylor.

My GLAS work still goes on—we now anticipate a launch of ICESAT carrying the laser altimeter in December, 2001. With any luck I'll able to report ICESAT in orbit in next year's newsletter. But my project for airborne laser altimeter flights over East