

to more than five thousand undergraduates. I will be retiring at the end of the summer of 2003. The time has flown.

Jane and I spent a month in southern France during the summer of 2002. I collaborated with Andy Lotter of the Netherlands on a chapter for a book of pollen analytical techniques. **Phil Brown** covered a couple of Geol. 101 lectures for me while I attended a conference in London, and I have just completed a paper for the proceedings volume. Ken Lange (former Naturalist at Devils Lake State Park) and I ran a day's trip to the Baraboo region for the Botanical Society of America that met in Madison during August. I sold my 1971 MG Midget to thin-section maker (and former student) **Brian Hess**, so it will retain its affiliation with the department. I have had remarkably fine colleagues here at Madison; it really is a great department.

Dave Mickelson

It's been a busy year for the Quats! We are in our final year of our southern Laurentide Ice Sheet project and postdoc **Andreas Bauder** is working hard to get some results from a 3-d model we started to use this year. **Cornelia Winguth** continues to work as an Assistant Scientist on the Scandinavian Ice Sheet project, along with taking care of a baby boy born this summer while on their family vacation to Lake Superior. In January Vin and I went to Santa Cruz to work on organizing a volume on U.S. eroding bluff shorelines and to enjoy warm temperatures and sunshine. **Anders Carlson** finished his MS thesis and has moved on to Oregon State University for his PhD. Field work began in St. Croix County, where **Hans Hinke** is doing an MS thesis. I then spent a week in the Uintas with **Ben Laabs** working on an evaluation of the geomorphology and glacial history of the south side of the range. Then Vin and I went to Norway and Sweden to work with **Jessica Darter** and colleagues from the Norwegian Survey. Our shoreline work continues with **Lindsay Anderson** planning to finish her thesis in 2003. Summer was saddened by the death of my mother in July, and we spent time in Massachusetts in late July. A month later, son John, who graduated in May, moved to Cambridge where he now works at Harvard. Amy continues to live in Milwaukee. Our daughter Becca, married in September, and they live in Middleton. Along with all of the above, I finally had my barn built in Dodgeville, a good home for my six old tractors! The year ended with a trip to Patagonia with **Danny Douglass**, **Brad Singer**, and **Mike Kaplan**, former Weeks Postdoc now working in Scotland. We had a Christmas dinner of frozen pizza cooked at a gas station on our way across Argentina!

It was great to see many of my friends at GSA in Denver, where the former Quats got together for dinner one evening. Try to make the next one! Photos are at:

http://www.geology.wisc.edu/alumni/current_events/quat_dinner.html

Toni Simo

The year 2002 found me traveling between Barcelona and Madison as I continue my teaching and research at UW-Madison part-time and complete research avenues at the University UPC in Barcelona. I found this interaction between two worlds stimulating and challenging. Research in the carbonate group continues active in many area and topics. In May, in less than 48 hours, **Norlene Emerson** (PhD), **Liz Leslie** (MS), **Kate McColgin** (MS) and **Michelle Stoklosa** defended successfully their theses and moved on to different projects (Norlene is teaching at UW-Richland Center, Liz is doing a PhD with **Clay Kelly**, Kate works for

Conoco-Phillips, and Michelle is at the U. Idaho). Aspirins circulated freely during the talks to diminish the carbonate overdose. With Norlene ends a time of intense work in the Decorah Formation. Luckily, **Steve Beyer** (with **Byers**) and **Lauren Chetel** are taking the lead of new Ordovician studies in Iowa and Minnesota. Michelle and Kate did a fantastic job in the Oligocene and lower Miocene in the SE of Spain to realize that better age is needed. This has become a new project in collaboration with the University of Barcelona in establishing a new chronostratigraphy for the western Mediterranean and Oman based on large benthic foraminifera.

Lauren Chetel and **Wasinee Aswasereelert** joined the program in the fall. Lauren (MS) is working with **Brad Singer** and me in the age dating of Ordovician K-bentonites to establish an Ordovician chronology, estimate rates of surficial processes on epeiric seas, and tie the stratigraphy to Taconian orogenic events. Wasinee is doing research in the local Cambrian section, the Eau Claire Formation, an aquitard, of interest to the Wisconsin Geological Survey.

Leonardo Piccoli continues his thesis dedicated to bridge the gap between outcrop studies and seismic via GPR and synthetic seismic. Excellent GPR (thanks to **David Alumbaugh**, **Neal Lord**, **Rob Pyzalski** and **Bill Unger** for their involvement) results with penetration of 60 m in the Wolfcampian, Hueco Mountains have our hopes high as we are integrating this work with a recently donated Wolfcampian 3D seismic survey in the Midland Basin by Oxy (thanks **Bill Fitchen!**). Several oil companies have shown interest and are supporting a new survey in the Guadalupe Mountains. **Essam Sharaf** and **Martin Shields** continue to unravel the paleontology, sedimentology and basin evolution of the East Java Basin. This project is collaboration with **Alan Carroll** involved a second field season for Essam and me in remote areas of Java. However, this time we had the help of four Indonesians to solve logistic and field problems. The continuing deforestation of East Java allows the first detailed work on the exposed carbonate rocks, equivalent to prolific mound reservoirs in the subsurface. **Olga Rey** continues her work in La Luna mud rocks in Venezuela investigating the Cretaceous epeiric sea



Distinguished Lecturer Jerry Harris, left, chair of the geophysics department of Stanford University and David Alumbaugh, right, talked in the Cline Lounge after Dr. Harris's presentation (Crosswell Seismic Profiling: The Decade Ahead) on Dec. 6, 2002. (photo by Mary Diman)