

paleoenvironmental signals as well. Jim is going to continue this paleobiological/ geochemical work for his PhD here.

Gwen Daley finished her time as a Weeks Postdoc here in August. Gwen has now moved on to a new job at Winthrop University in South Carolina. Spinoffs from Gwen's research on the paleoecology of Florida shell beds included undergrads **Summer Ostrowski**, **Holly Schultz**, **Martha Kutter**, and **Christine Pagelsdorf**, all of whom did a great job.

New grad **Erik Hoffmann** arrived in the fall. Erik will study species-level evolution in some brackish water gastropods from the Cenomanian-Turonian (Cretaceous) of Utah. I am particularly excited about this project, and about getting back in to the Western Interior Cretaceous after many years.

Hilary Sanders is still on her final approach to completing her PhD thesis. Hilary has been busy teaching: at Lawrence University during the spring, and at St. Norbert University this fall. In between all those lectures and labs, Hilary has managed to make progress on her congeriids from Lake Pannon. She vows to finish her PhD this spring.

I'm continuing my collaboration with former postdoc **Imre Magyar** on other aspects of Lake Pannon paleontology and paleoenvironments. Junior Summer Ostrowski is working on ostracodes from Lake Pannon deposits, and senior Holly Schultz is measuring cardiids.

On the teaching front, I converted all of my Evolution and Extinction lectures to PowerPoint in the spring semester, which was fun and rewarding, but incredibly time consuming (scanning literally thousands of images). I taught Invertebrate Paleo to a fun group of 17 students in the fall.

My favorite part of the year was a two-week family camping trip in the Black Hills and Colorado Rockies. We took the girls fossil hunting at various Cretaceous localities and they had a great time, although prairie dogs and water play seemed to be higher priorities for them.

Clark Johnson

Our group continued to expand in 2002, with addition of new post-docs **Kosei Yamaguchi** and **Rene Weisli**, as well as new graduate student **Rebecca Poulson**. Kosei came to Madison after completing a PhD with Hiroshi Ohmoto at Penn State. Kosei brings a strong background in Proterozoic and Archean sedimentary geochemistry, and his post-doc will concentrate on using Fe isotopes in clastic rocks and paleosols to constrain the evolution of the Precambrian atmosphere. René completed his PhD with Larry Taylor at the University of Tennessee prior to coming to Madison, and this work involved light stable isotope studies in John Valley's lab of eclogites. René is pursuing a mix of Fe isotope projects at Madison, including experimental calibration of Fe carbonate fractionation factors, as well as studies of lunar soils. Rebecca continued some of the work on Yellowstone that she began as a senior thesis, and also delved into Fe isotope exchange experiments using nanophase ferric oxyhydroxides. These additions expanded our work on Fe isotope geochemistry that continues to be a major focus for **Brian Beard**, **Sue Welch**, and me.

Nancy Mahlen completed her MS on the metasediments of the Zermatt-Saas ophiolite in the Western Alps, where, despite metamorphism to HP/UHP conditions, provenance constraints of the Jurassic basin that existed prior to Alpine metamorphism were still provided by REE and Nd isotope compositions. Nancy, showing her true metamorphic roots,



John Fournelle and family—Iceland.



John Fournelle—Giant's Causeway, Northern Ireland.

refused to title her thesis “ultradiagenesis of the Zermatt-Saas sediments”, despite our urging! PhD student **Tom Lapen**, in collaboration with Nancy Mahlen and Brian Beard, completed an initial Lu-Hf geochronological study of prograde metamorphism in the Western Alps, which is part of a broad project that also includes former UW-Madison Professor **Lukas Baumgartner**. In 2002 we saw the departure of **Garret Hart**, who completed his PhD on Cascade arc magmatism; Garret started the new year with a post-doc at UC-Berkeley. Students from **Brad Singer's** program continued to work in the lab (**Brian Jicha** and **Melissa Harper**), as well as from **Alan Carroll's** group (**Meredith Rhodes**, **Jeff Pietris**, **Brooke Swanson**, and **Ben Byrn**).

Also in 2002, I took over as Department Chair from **Mary Anderson** in July. This now gave me two offices to spread piles of paper around in, as well as a great deal of practice in writing memos and letters. My new duties also increased my “guilt factor” at missing submission deadlines for the *Outcrop* in many previous years, and this current write-up is the result of this heightened level of guilt!