State of the Department
by Robert Hooper, Chair

Well, it has been a year since the last newsletter and I would like to report that everything has been stable, but... Since the last newsletter we have made lots of changes in the department. Lung Chan has taken a two year leave of absence to travel back to Hong Kong where he has accepted a temporary assignment to Hong Kong University. He should be gone only two years, but Wisconsin winters may delay his return. Jean Hoff has left UWEC and has accepted a position at St. Cloud State University in Minnesota. We have two new faculty members. Brian Mahoney has been added as a replacement for Jean. Brian, who did two years of study at UWEC as an undergraduate back in the seventies, comes to us from the University of British Columbia. Brian’s specialty is isotope geochemistry and sedimentology. He brings to UWEC lots of expertise in the quantitative aspects of geology with a good background in geochemistry. Brian loves field work, much of which has been done in the remote areas of British Columbia. Martin Miller is a visiting professor from the University of Washington, and he has a two-year contract while Lung Chan is on leave. Martin’s area of expertise is structural and field geology with extensive experience working with faults in Death Valley National Park.

We have also made significant changes in the geology major. Earth History has been changed to an upper division course. The mineralogy and petrology courses have been rethought and consolidated into a two semester sequence, Mineralogy Petrology I and Mineralogy Petrology II. In this new sequence, rocks and minerals will be discussed together with the first semester stressing field relationships. The second semester will focus on the petrographic and chemical aspects of rocks and minerals. The sequence will be balanced with equal time devoted to each of the three rock groups. We are excited about this change because every student will have experience with identification of common rocks and minerals by the end of the first semester and will have more field experience. The new Mineralogy-Petrology I course has become the second course in our geology major sequence (following Introductory Geology). Other changes in the curriculum involve consolidation of geophysics and tectonics into a course called Global Geophysics and Plate Tectonics, adding a groundwater computer modeling course, and increasing the sedimentation and stratigraphy course to four credits with more field experiences. All of these changes are the result of input we have received from our students and alumni - thanks for your suggestions!

We are now up to a total of 85 majors in the geology program, almost four times the number just five years ago. The upper division courses are full, and two sections are required for some of the most popular courses. For the first time we offered a spring break trip for credit using our new Field Excursions course. The spring break trip went to Big Bend and Guadalupe/Carlsbad National Parks, and the trip was a great success.

The university has agreed to build a new electron microscope center and has allocated over $300,000 to the remodeling effort. The new center will house the SEM, TEM and has space for a new Scanning Transmission Electron Microscope (STEM) with full analytical capabilities. We are in the planning stages for new geophysics and sedimentology facilities which should be completed when Phillips Hall is remodeled in 1997. John Tinker has been making use of his new outdoor hydrogeology laboratory and is working with staff from Biology and Chemistry to completely characterize the groundwater system on campus.

Please stop in and visit us sometime!
GEOLOGY DEPARTMENT NEWS

Faculty/Student Collaborative Research, Student Research Day
The Second Annual UWEC Student Research Day was held May 4, 1994 in Davies Center on the UWEC campus. This event was held to showcase faculty/student collaborative research occurring on campus. Several of our students presented posters at Student Research Day, and we were very pleased with the quality of the science, as were other persons within the university. We feel that our students represented our department very well! Hats off to the following students!!! (Several of these students also presented results at either the Wisconsin Academy of Sciences, Arts, and Letters meeting in Waukesha or the North-Central GSA meeting in Kalamazoo, Michigan, held during spring 1994.)

Tracey Carpenter with Robert Hooper, "Mineralogy of Sedimentary Rocks Near Eau Claire, Wisconsin."
Christopher Goodwin, graduate student, with Kent Syverson, "Quaternary Geology of Eau Claire County, Wisconsin," 1st Place Winner for graduate poster at Student Research Day. Also presented at Wisconsin Academy meeting.
Kristen Gunderson with Kent Syverson, "Ice-Marginal Lake Sediment in Eau Claire County, Wisconsin," also presented at Wisconsin Academy meeting.
Gretchen Haupt with Robert Hooper, "Potassic Alteration of Precambrian Amphibolites at Big Falls County Park, Eau Claire County, Wisconsin," also judged Best Student Paper at North-Central GSA meeting.
Timothy Masterlark with Lung Chan, "An Analytical Solution for Hydraulic Conductivity Anisotropy in Rock Masses with Multiple Fracture Sets."
Timothy Masterlark with Lung Chan, "Geologic Applications of Fractal Geometry and Chaos Mathematics," North-Central GSA meeting.
Gregory Michael and Chad Underwood with Jean Hoff, "Crystal Cave Sedimentology."
Kristin Weaver with Karen Havholm, "Stabilized Dune Morphology and History, Nags Head Woods, North Carolina."

Geology Club News
by Kris Weaver, Geology Club Vice President
The 1994-95 UWEC Geology Club has had an exciting year thus far. We kicked off the Fall Semester with a picnic and volleyball game the first week we were back from our summer adventures. Professors, students, and even our own Ron Struss of the UW-Extension Water Quality office joined the Club for hot dogs, chips, and lots of fun.
A few weeks later the Club organized a weekend trip to Copper Falls State Park in northern Wisconsin. The turnout was good and the sunny weather was just right for hikes along the Bad River and Tyler's Fork to look at tilted rock units and to take in the fresh air and the scenery. This was a great trip and we learned a lot from Bob Hooper, Kent Syverson, and Brian Mahoney as we enjoyed the outdoors and spent time with friends. The most important thing we learned from Brian Mahoney was NOT to eat his hot chili! (Brian - take it easy on the peppers and garlic! Please!)
Since then the Geology Club has hosted bimonthly Chili Lunches geared to generate discussion between the faculty and students in an informal atmosphere. Brian Mahoney has NOT made the chili! Topics have ranged from newly formed classes, such as the Min-Pet series, to opportunities and jobs outside of the department. These have been very successful and we hope to continue this tradition in the future.

Future events for the Geology Club include participation in the annual Gem and Mineral Show held at the London Square Mall on April 1 and 2, and a field trip to Baraboo, WI, sometime after spring break.

Rocky Mountain Field Studies 1994

Another successful trip was taken to the Rocky Mountains during the interim period of the summer school session. Kent Syverson led the trip with the very able assistance of Jeff Baker (class of '71). Twenty-two students piled into the vans on May 31 and headed west for adventure! Unlike the Hooper-led trip of the previous year, the Syverson-led trip experienced excellent weather. Hikes in the Tetons were great. The snow line was at approximately 9500 feet in the Tetons, so snow was first encountered in Amphitheater Lake cirque. Trip adventures included a broken window in the back of a van (Sage Creek in SD Badlands), a minor snowstorm in the Bighorns, and 70 mph straight winds at Slough Creek in Yellowstone that “deformed” a few tents. (If you think that sounds like bad weather, you haven’t heard about the Hooper 1993 trip. Students get hypothermia just remembering that trip!)

Chippewa Moraine Field Trip Guide Project

Students in the Spring 1994 Geomorphology and Aerial Photograph Interpretation Course (Geology 345) prepared interpretive materials for the Chippewa Moraine Ice Age National Scientific Reserve near New Auburn, WI. This work was conducted as a class project to produce some much-needed geologic interpretive materials for the new Interpretive Center. Students worked on map and aerial photograph interpretations in the lab at Eau Claire, and then a weekend was spent at the Chippewa Moraine searching for the best examples of glacial landforms in the area. A hiking guide and a roadside guide were produced. Each guide will have a map produced by the Wisconsin Geological and Natural History Survey showing the topography and the locations of the field trip stops on one side of a legal-sized sheet of paper. The other side of the sheet will contain text and figures that explain the glacial processes forming the glacial landforms. All figures were made using the Mac drawing program CANVAS. The hiking guide has been completed and is available at the Chippewa Moraine Interpretive Center. The roadside guide will take much longer to complete because of roadside safety concerns. If you get up to the Chippewa Moraine (Highway M east of New Auburn), take a self-guided field trip courtesy of the UWEC Geomorphology students!

Big Bend Field Trip, Spring Break 1995

by Kristen Gunderson, Geology major

Twenty-three Geology 343 students went on a whirlwind tour of Texas and New Mexico over spring break (March 9-19). Bob Hooper, Karen Havholm, and Brian Mahoney led UWEC’s assault on Big Bend National Park, Guadalupe Mountains National Park, and Carlsbad Caverns. Highlights of the trip included a 13 mile hike in the Chisos Mountains, a tour of the IMC Mine in Carlsbad, walking across the Rio Grande River into Mexico at Santa Elena Canyon, and a stop at Carlsbad Caverns. The tradition of having bad weather on a Hooper geology trip was broken; highs on the trip were in the 70’s and 80’s with one very brief shower. The first five days of the trip were spent in Big Bend National Park (Texas) looking at some phenomenal geology. The group concluded the trip with three days in the Carlsbad, NM, area observing an extremely well preserved Permian reef complex. The trip was a great learning experience, a lot of fun, and a great break from the Wisconsin winter.
FACULTY UPDATE

New Faculty Profiles

J. Brian Mahoney (E-mail MAHONEJ@uwec.edu, Phone (715) 836-4952)

Greetings. I would like to use this opportunity to thank everyone connected with the Department of Geology for the warm welcome myself and my fiancee (Lori Snyder) have received since joining the department in Fall 1994, and to introduce myself and my interests to the alumni (present and future!) of the Department. My primary expertise is in the field of sedimentology and stratigraphy, with a strong emphasis in sedimentation and tectonics and the use of radiogenic isotope data in basin analysis. I have a strong background in field geology, and have spent much of the past 12 years mapping and conducting stratigraphic studies in Idaho, Washington, and British Columbia. I am committed to quality undergraduate teaching, and feel that UWEC offers a good balance between undergraduate teaching and research. This year my teaching duties include Physical and Historical Geology (110 and 120), Sedimentation and Stratigraphy (320), and Field Geology (450), and I will be teaching a significantly modified Paleontology course (integrating modern biosphere processes with the ancient record) in the coming years. I have been particularly impressed with the department’s commitment to collaborative student/faculty research, and am currently involved in three separate research projects involving six students and two other faculty members (Havholm and Hooper) in projects in Wisconsin (Eau Claire Formation), Idaho (Coeur d’Alene River heavy mineral contamination) and the Phillipine Sea (PlioPleistocene clay mineralogy).

The main focus of my research is in basin reconstruction and terrane analysis in the southern Canadian Cordillera of British Columbia and Washington. I will be heading back to BC and Washington as soon as field camp is finished, and will be bringing three UWEC undergraduates along as field assistants with a U.S. Geological Survey mapping project. It should be a fascinating summer for all. Next year I hope to be setting up a new isotopic dissolution facility for the study of strontium and neodymium isotopes in the department, and, with a little luck, will be setting up a new XRF with Hooper, pending funding approval from NSF. Should be a busy year!

On a personal note, Lori and I are settling into Eau Claire just fine. We were a bit apprehensive about relocating from Vancouver, B.C., and have been pleasantly surprised at how much we like Wisconsin! We have already fallen in love with canoeing, but haven’t gotten up the nerve to do the ice-fishing routine! Feel free to stop by and introduce yourself anytime - I’d be happy to say hello.

Selected Publications


Friedman, R.M., Mahoney, J.B., Cui, Y., 1995, Magmatic evolution of the Southern Coast Belt: Constraints from Nd-Sr isotopic systematics and geochronology of the southern Coast Plutonic Complex: Canadian Journal of Earth Sciences, in press.


My wife Julie, our daughter Lindsay, and I arrived in Eau Claire in mid-August of 1994. After four days of driving from our home in Seattle, Washington, we were looking forward to the cold temperatures we had heard so much about in Wisconsin. But it was August, so all we got was heat and humidity!

But I'm not completely new to the midwest--I grew up in Cincinnati, Ohio. One of my favorite memories of Cincinnati is walking through the forests which seem to blanket the whole Cincinnati area--and walking through the woods is one of my favorite activities in Eau Claire. Julie (who is from Calgary, Alberta) and I met as freshmen at Colorado College in 1978--the same day we started our Introduction to Geology course; and we both ended up becoming geology majors. After graduation, we took the fall and winter to visit family and friends, did some geology field projects, and lived out of our Honda Civic. We moved to Seattle in 1984.

While in college, we developed a great love for the desert. We still go there frequently, either for backpacking, photography or geology--or all three!--but our style changed somewhat with Lindsay's arrival in 1993. Although we are planning a short backpacking trip into Canyonlands National Park this spring, "camping" now usually means staying near the car!

As far as geology goes, my geologic interests lie mostly in structural geology. For my MS at the University of Washington, I studied the movement history of a large strike-slip fault in southern British Columbia. For my PhD, also at the University of Washington, I studied the evolution of a normal fault system in Death Valley, California, called the Badwater Turtleback. Here in Eau Claire I am learning some things about Precambrian deformation which I never before could imagine--but I still manage to slip off to Death Valley during school breaks.

Selected Publications

"Old" Faculty Profiles!

Karen Havholm (E-mail HAVHOLKG@uwec.edu, Phone (715) 836-2945)

This has been a busy year. My course in earth science, primarily for education majors, is rolling along. It is a delight to work with these motivated and hard-working students, and a pleasure to be able to introduce them to "real" geology in the field. Another teaching high point this year was a 3-week summer workshop attended by elementary and middle school master science teachers from the area. The workshop was designed for college faculty to model the instructional techniques used in teaching science to education majors. Their feedback was very helpful, and as a result we can now offer our students an opportunity to get out to observe good science teachers very early in their education program.

Student Kris Weaver and I spent 3 weeks on the Outer Banks of North Carolina trying to determine the sequence of events involved in the development of a stabilized dune field on the swampy side of the island. We worked so hard taking measurements and digging trenches that Kris barely got to see the
beach! We also mapped and set up a monitoring system on a large modern active dune there, and another student, Sarah Weaver, is just getting to work on analyzing the dune activity and wind data from the area. All of this is part of a larger project to understand what it is that triggers the discrete phases of large dune development that are evident in this humid coastal area, and what the future of these active dunes is in this area where there is extremely high pressure to develop every square inch of land.

More locally, I have teamed up with our new sedimentologist, Brian Mahoney, to start taking a fresh look at the stratigraphy and sedimentology of the Lower Paleozoic sequence in this region. We are starting right at home with the Upper Cambrian Eau Claire Formation because it is clear that there is considerable lateral variation in the sedimentary facies distribution that has not been previously recognized, and even the environment of deposition is still very much in question. Student Mark Kiessler has been describing and interpreting the sequence in the Tilden area and Dave Hodek is looking at the trace fossils to see whether they shed any light on the depositional environment. We will be presenting our preliminary results at the North-Central GSA meeting in Lincoln this spring.

On the home front, Merilie is thriving in third grade and is preparing for her first ice skating competition. Glenn is still working at her school one day a week, but he is also working 3 days a week as finance director for the Western Wisconsin Area Agency for the Aging (that's WWAAA), a non-profit organization that distributes federal and state funds for programs for the elderly to county and tribal units. We have been disappointed in the lack of snow this winter, having gotten our first taste of cross-county skiing last year and hang gliding after more. But as I write this the sun is streaming in my office window and the trees are lightly dusted with white, so I really can't complain about the weather.

I enjoyed spring break at Big Bend. We met weekly prior to the field trip to learn about different aspects of the area we would be visiting. We (Bob Hooper and Brian Mahoney) led the field excursions class to Big Bend. The field experience for students and the community-building among the students and faculty made the trip very worthwhile.

Karen Havholm, Brian Mahoney, and I led a field trip to Big Bend during Spring Break, and I'm planning on taking Rocky Mountain Field Studies to Yellowstone this Interim. If you haven't been to Big Bend National Park, it is a place worth seeing. There is much geology exposed including a caldera complex, a striking graben, considerable exposure (~3000 feet) of Mesozoic limestones and abundant shallow intrusive all with very little overburden. Thank God the glaciers didn't screw up the whole world! (Editor's Note - Some people are so closed-minded!)

I also continue on as director of Project PRISM, a three-year NSF funded project to improve science education for elementary teachers at UWEC. This program is challenging and consumes the largest single block of my time. Associated with PRISM are summer workshops, travel, and lots of visits to schools. I am enjoying the project and I think we are making progress.
Paul Myers  (Phone (715) 836-3713)

I taught Earth History, Physical Geology, and a couple of field courses in Scotland in spring 1994. The textbook I'm working on, Geology of America's Parklands (selected national parks, monuments, and state parks), is taking shape. Over spring break, I led a field trip for 22 foreign students to Colorado, Arizona, and Utah. Students Mark Kiessling and David Hodck are working with me on collaborative field/lab studies on the Precambrian rocks of the Little Falls area. I am nearing completion of a GSA special paper on tectonic evolution of continental margin in Clearwater Mountains, Idaho. By late spring I will have completed a self-guided field trip in Beaver Creek Reserve tying together a museum display, brochure, trail markers, and classes for kids. Brian Mahoney and I will be teaching Summer Field Camp in June 1995. I plan to retire at the end of June 1995, but hope to stay on part-time to teach Earth Resources, putter around, and keep tabs on these new "wild ones".

Kent Syverson  (E-mail SYVERSKM@uwcc.edu, Phone (715) 836-3676)

This is year three for me in Eau Claire, so now I guess that I am considered one of the veterans around here! Teaching continues to go well. I taught Rocky Mountain Field Studies last summer, and I had a great time out west. (Preparing for the trip wasn't quite as fun!) The highlight of the trip was the hike up to Amphitheater Lake in the Tetons. I am teaching Water Resources for the first time this spring. I continue to teach Oceanography and Geomorphology as well. I will teach a Glacial Geology course for the first time during Fall 1995.

Last spring was spent working with Geomorphology students preparing field trip guides for the Chippewa Moraine Ice Age National Scientific Reserve (see news item elsewhere in newsletter). That took a lot of time, and the hiking field trip guide is completed AT LAST! I attended the Wisconsin Academy of Sciences meeting in Waukesha with students Christopher Goodwin and Kristen Gunderson where we presented the results of some collaborative research on the glacial geology of Eau Claire County. I have continued my research interests in the area during the past year, supervising two projects in Eau Claire and Chippewa Counties. Student Pete Bement and I will present results of our research on the northern boundary of the Driftless Area at the North-Central GSA meeting in Lincoln, Nebraska. Student Jeff Schels and I will present a poster on the glacial geology of eastern Chippewa County at the Wisconsin Academy of Sciences meeting in Madison. I wrote an NSF proposal seeking funding for a three-year project on the glacial stratigraphy and climatic history of western Wisconsin. My article on eskers came out in GSA Bulletin last September, and I was pleased by the way it turned out. I wrote another manuscript and submitted it to Boreas last April, but that one was rejected pending major revisions. I revised that manuscript over Christmas break, and I am still waiting to receive the reviewers' comments. I continue to edit the department newsletter. A plea to all alumni - PLEASE SEND US NEWS FOR THE NEXT NEWSLETTER! THANKS!

Lila and I are enjoying Laura (age 22 months)! Laura likes to talk, and she is always very willing to "help" around the house! Baby #2 is expected in June, so this promises to be a relaxing summer....

John Tinker, Jr.  (E-mail TINKERJT@uwec.edu, Phone (715) 836-5485)

My university activities for this past year have been work, work, and work! However, work is an acceptable, admirable, ...? four letter word which I still like to do especially when it involves teaching hydrogeology and working with our students. The four well nests on the lower campus have been a great addition for instruction for both lower- and upper-division classes. Students use the wells to construct a water-table map, collect water samples, do slug and pumping tests, and run down-hole geophysical surveys. Kris Mercer is comparing hydraulic conductivity values from the particle-size data from the soil borings to the slug test data from the wells. One of three lysimeters has also been installed with the other two scheduled for the spring of 1995. As you see, I am still stressing the applied aspects of hydrogeology.
Two of our six new computers have their own personalities which tests one’s patience: personality means the computers operate on their own time schedule. Otherwise, students use the computers for our new computer modeling course in hydrogeology. Mae Willkom has modeled the Ladysmith mine area and is currently working on the Crandon Mine. Terri Hogue is using FLOWPATH for a site in St. Croix County, and Mary Yarrington, Mac, and the chemical hydrogeology class did a capture zone analysis for Fall Creek, Wisconsin.

Our graduates are still finding jobs locally in west-central Wisconsin and elsewhere. A note to our alumni—PLEASE consider coming to UWEC and meeting with our current students to talk about your work or graduate school experiences! Also let me know how we can change our curriculum to make it better.

Other than work? Yes: spring break in Texas; some hunting with my dog Tanner; GSA in Seattle (yes work and play); and visits with my family - my parents, parents-in-law, and grandson. Good health to all and keep your life in geologic perspective.

Wanda Schulner (E-mail SCHULNW@uwec.edu, Phone (715) 836-3732)

This year the secretarial position in the department office has increased to 60% - up 4 hours per week. Hardly seems to have made a dent in the workload, I think it's that bureaucracy Bob was talking about. My clinical schedule in nursing school requires more flexibility than I used to need, so I am kind of hard to find - I try to keep my door and answering machine updated for anyone looking for me. I am busy this semester writing papers and taking care of new moms and babies, a big switch from last semester with juveniles at the Eau Claire Academy, a residential psychiatric treatment facility for adolescents. Both experiences have been tremendously challenging and interesting.

This was the year I was going to learn to downhill ski, however, snow was extremely scarce in northern Wisconsin over semester break; somehow being middle-aged made that easier to take. Both of my kids are now in school (for those of you who knew me during the "lost years" of pregnancy and infancy) so we have great times experiencing things together. This summer we are traveling out east, and although I have been told that it is much less geologically interesting than going west as usual, it will be good to see an ocean and mountains again.

Drop in sometime, or at least drop us a line and let us know what and how you are doing. We are always glad to see and hear from any of you.

CONTRIBUTIONS TO THE GEOLOGY DEPARTMENT

Austerity has struck the UWEC Geology Department! Support of such vital activities as faculty/student field trips, labs, library, research, and professional travel to meetings require an increasing contribution from non-university sources such as alumni and friends. The Geology Department devotes an increasing portion of its instructional effort to the kinds of interactive learning requiring outside funding. High quality education is expensive.

We urge you to become part of the collaboration with our students by contributing to the Geology Advancement Fund, visiting the Department, speaking to students, offering employment, and otherwise maintaining a perennial partnership with us. The first thing to do is send in your Alumni Questionnaire with news, call and/or visit the Department and rejoin the exciting evolution of our discipline. Your contribution, whatever its size, will be gratefully acknowledged and used with great care. Thanks.

We, as a Department, appreciate the donations of the following individuals and companies to the Geology Advancement Fund during the past year.

David L. Risch
Paul E. Myers

John R. Dietzler
Tracey Carpenter

Kevin J. Krenik
Larry T. Nelson
If you would like addresses of any of the following alumni, please E-mail Kent or Wanda and we will supply them to you.

Jeff Baker (1971) Jeff is currently a high school biology teacher in Pepin. He has become somewhat of a permanent co-leader on field trips for Geology 303 (Rocky Mountain Field Studies) during the summer.

Gregory A. Beckstrom (1984) After graduation, Greg married Eau Claire graduate, Julia Weinstock (BSA ’85) and moved to Minneapolis. In 1992, he accepted a position as Assistant Branch Manager with Golder Associates in Chicago. Current activities include managing some environmental projects, business development and administrative management.

Lynn (Borgenheimer) Moline (1976 - English/geology) Lynn earned her MBA at the University of St. Thomas and is now executive director of the Minnesota Council for Quality.

Steven Crandell (1975 - geography/geology) Since graduation, Steve has worked for the City of Waukesha. In 1985, he was promoted to assistant director of planning and community development.

Greg Durocher (1982) In 1993, Greg was promoted to Chief, USGS Earth Science Information Center - Alaska. He is married to Shari and has 3 children in or near their teens. He is active in the Chugach Gem and Mineral Society.

Christopher Elvrum (1992) Chris planned to graduate from the University of Kentucky with an M.S. in hydrogeology at the end of 1994. He will be seeking employment in Milwaukee.

Fred Halfen (1974 - geography/geology) Fred is a certified photogrammetrist, and president of the Wisconsin Chapter of Automated Mapping and Facilities Management International. He manages a digital mapping operation involved in GIS, AM/FM, GPS surveys, remote sensing, and digital master imaging.

Terrence Halfen (1969) Terrence owns and operates Halfen Garden Shop in Chippewa Falls. He also earned an associate degree in computer operations and programming from Chippewa Valley Technical College in 1989.

Diane (Hansen) Noserale (1985) Diane is employed as a geologist with the U.S. Geological Society in Reston, Virginia where she handles requests for geologic information and prepares public information materials.

Matt Hostak (1989) Matt works as a hydrogeologist for the Wisconsin DNR in Green Bay. He’s also becoming an accomplished brewer of home-made beer, and is giving mushroom farming a try. His ultimate goal is to become universal master of time, space, and dimension!

Mark Jirsa (1974) Mark received his MS from the University of Minnesota-Duluth and his Ph.D. from the University of Minnesota. He is presently a senior geologist with the Minnesota Geological Survey in St. Paul.

Diane Kelsch (1993) Diane is completing her Masters Degree in Environmental and Public Health. She hopes to work in Industrial Hygiene upon graduation in May.

Jenny King (1990) Jenny works for the DNR in Madison. She is also a member of the National Ski Patrol, is an Emergency Medical Technician for Monona Fire and Rescue and volunteers for Meriter Hospital in the emergency room and on the medical team for the Multiple Sclerosis Society. She rock climbs whenever and wherever she can, and has taken up fly fishing.

Kevin Krenik (1982) Kevin is currently employed as a Senior Petroleum Geologist with Exxon, USA in New Orleans. His current project involves 3-D seismic interpretation and identification of drillwell potential, offshore Gulf of Mexico. He is also working on several papers relating to reservoir evaluation.

Mary (Maikowski) Schultz (1976 - geology/biology) Mary received her M.S. in higher education and guidance and counseling. She is now an elementary school counselor in the Wisconsin Rapids Public Schools. She has 3 children, Ryan (13), Megan (10), and Daniel (4). Her husband, Dennis, is a fieldman for Ore-Ida. In their free time, they both coach soccer for their kids.
Timothy Masterlark (1994) Tim is currently attending graduate school in Madison, where he TAs hydrogeology and contaminant hydrogeology courses. His thesis involves a collaboration with Lung Chan and the State Seismological Bureau of China to study coseismic groundwater anomalies.


Cesar Moya (1993) Cesar left in early April 1995 for Japan; he received a scholarship to study in a masters program there for two years.

Brian Novotny (1994) Brian also is employed by MJ Environmental Consultants in Marquette, Michigan.

Lynn Olson (1984) Lynn earned her MS degree from the University of Alaska and is employed as a geochemist in the oil industry there. She has a 23 year old son, Josh, who works on the oil platforms in Prudhoe Bay.


Steven Pierce (1978) After graduation, Steven spent about 3 years working in the oilfields of Texas, New Mexico, North Dakota, and Montana. After the collapse of the oil exploration business, he lived in Las Vegas for a time. In October 1988, he joined the U.S. Customs Service as an inspector and has been stationed in Douglas, Arizona, ever since.

Bob Powers (1994) Bob is employed as an environmental technician at Envirosence, Inc. in Eau Claire.

Lois Ristow (1975 - geography/geology) Lois earned her MBA in 1987 and is now the West Central Regional Director for the Division of Emergency Government, Department of Military Affairs, which covers 13 western Wisconsin counties.

Nan (Rogstad) Jameson (1979 - biology/geology) Nan is a wastewater specialist with the Wisconsin DNR in Green Bay. She is kept busy with her son, Josh (1984) and fighting pollution.

Greg Small (1988) Greg recently moved from Milwaukee to Denver, CO, where he continues to work for Delta Engineering as a senior project geologist (geochemistry). Greg and his wife (Deb) are looking forward to the mountains with skiing and hiking at their doorstep.

Marian Smith (1984 - journalism/geology/library science) Mary recently completed a PhD in Education from the University of Minnesota with a collateral field in communications. She is now a member of the faculty of the Communications Department at the Chippewa Valley Technical College.

John Sobehrad (1979) John moved to Texas in 1979 and worked the “Austin Chalk” oil boom through 1984. From 1984 to 1987, he worked offshore Louisiana. He survived the “oil crash” from 1987 to 1991, and is presently an independent exploration consultant (firm name “Geo-Logic”). He married Susan, an 8th Grade Earth Science teacher, in 1982 and has two children, Lane (8), and Drake (6).

Don Schleicher (1985) Don is a Broadcast Specialist with the Video and Distance Learning Division of Media Development Center here on campus. He and his wife, Polly, are expecting their first child in a couple of months.

Mark Strobel (1988) Mark completed his MS in Madison and now works for STS Consultants in Wausau. He and wife, Cindi, had a baby girl, Moriah, in November 1994.

Troy Thompson (1985) Troy worked for Exxon in Houston, Texas, for three years as an exploration geophysicist after graduation in 1988 with an MS from the University of Utah. He became an oil patch refugee, and came back to Wisconsin to work as a hydrogeologist for Advent Environmental, then Giles Engineering, and now Drake Environmental in Milwaukee. He has two boys.

Eddy Wieland (1994) After graduation, Eddy worked at the DNR as a hydrogeologist managing all contamination sites discovered by the Department of Transportation in a seven county area. In January 1995 he started work as a field tech for Cedar Corporation out of Menomonie. His wife, Sandy, works at St. Joseph’s Hospital in Chippewa Falls, and is a nurse practitioner student at UWEC. They live in Eau Claire.

Zalewski, Ed (1994) Ed took the summer off, then fought forest fires in Idaho before returning to Eau Claire. He gathered a list of companies doing work for the DNR and sent out resumes. He recently landed a job with Robert E. Lee & Associates in Green Bay as a project manager mostly working with leaky underground storage tanks and solid waste disposal sites. Ed felt his minor in technical writing was a major factor in receiving a job offer from this company.
Alumni Questionnaire

Name ___________________________ Date ___________________________
Address ________________________________
E-mail Address? ________________________________
Phone ________________________________
Date of Graduation at UWEC ________________________________
Major(s) ________________________________
Present job ________________________________
Advanced Degrees ________________________________
News for next department newsletter

Send to:
Department of Geology
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Eau Claire, WI 54702-4004
Phone (715) 836-3732
OR
E-mail SYVERSKM@uwec.edu