

DEPARTMENT NEWS

It has been two short years since the last Geosciences Alumni Newsletter, there are a bunch of changes in the Department to briefly mention. Our respected colleague and chair two years ago, David Hawkins, left Denison after Spring 2008 to take a position at Wellesley College – close to lab facilities he uses at MIT and closer to his field area and house in coastal Maine. His departure put me unexpectedly back into the chair's role. As chair, I was delighted to aid in David Goodwin's promotion to Associate Professor with tenure in 2008/09. Dave brings much dynamism, creativity and scholarship to the Department and to Denison and we are delighted that he is with us.

Following Dave Hawkins' departure we hired Dan Kelley, ABD at Ohio State to teach *Earth Materials* while we conducted a search for a tenure-track replacement. Last year we hired Erik Klemetti, a talented mineralogist/petrologist/volcanologist with a Ph.D. from Oregon State and post-doc experience at both U. Washington and UC-Davis. Erik has now completed one year teaching *Planet Earth*, *Earth Materials* and *Petrology* and is off to a good start, melding well with both students and the faculty. He'll tell you about his interests and experience below but needless to say his volcano blog has been receiving hits galore with the ongoing volcanism in Iceland.

In January 2009, Johanna Kieniewicz informed us that she wanted to take a year's leave to explore other opportunities nearer her family in the UK. Thankfully, Dave Goodwin agreed to postpone his sabbatical leave one year to help us maintain course offerings and get

Erik started in a stable department setting. Johanna since resigned her position and we recently hired Kate Tierney, an ABD stratigrapher/stable isotope geochemist from OSU with lots of classroom experience to teach *Planet Earth*, *Environmental Geology* and perhaps *Sedimentology/Stratigraphy* next year. We will conduct another tenure-track search this summer into the fall and will post the job ad on our website once it has moved through proper administrative channels

Amidst these changes in the faculty, we continue to draw strong students who are excited about the geosciences. This year we graduated 8 senior majors and 5 minors with 7 heading off to field camp this summer and 3 or 4 attending graduate school in the fall. Next year we have a class of 12 or 13 majors, which equals our largest classes of the past 25 years! We continue to emphasize field experiences and thank the Fred Holden Field Trip Endowment for supporting recent trips to Sudbury, Ontario (Fall 2008), West Texas Permian Basin and Guadalupe Mts. (Spring 2009), Central Appalachians - Seneca Rocks, WV to Blue Ridge, VA (Fall 2009) and Death Valley, CA (Spring 2010). Images from these trips and others can be seen at the department's webpage (www.denison.edu/academics/departments/geosciences/). We appreciate all the responses to our request for Newsletter info and hope that it helps Geo alumni to keep in touch. Alumni continue to play key roles in helping students find internships and recent graduates find meaningful employment. Keep up the great work! Please drop by Olin for a visit if you find yourself in central Ohio.

Tod Frolking, Department Chair

FACULTY NEWS

Tod A. Frolking, Professor (1984-present)

Last summer I headed a Denison search committee to hire our first Sustainability Coordinator and we were lucky to land Jeremy King (DU '97). I am now more involved in pushing for efficient living at Denison to complement my long term interests in efficient living on the planet. Certainly teaching geography and geology courses keeps one abreast of many critical issues in the world and most of them are central to sustainability. We examined the ins and outs of climate change in *Weather & Climate* last fall, then widespread water shortages and pollution in *Hydrogeology* this spring. With the astounding rate of global change, both economic and biophysical, I will have much to prepare for when I teach *World Regional Geography* next spring after a three year

hiatus. I try to stay upbeat by spending some time addressing more sustainable and healthful means of food production, the careful management of soil and water resources, the greening of cities, and efforts to reduce our fossil fuel energy dependence.

Following my interests in Latin America and global agricultural trends, I continue to work on modeling sugarcane growth and associated soil C and N dynamics using the soil biochemistry model, DNDC. While beginning work using data from several field stations in the southern U.S., I plan to extend DNDC-cane modeling to Mexico and Cuba where the crop has potential for both biofuel production and electricity generation. The effective use of energetically-costly N fertilizer and efficient biocycling of N in the plant-soil system is central to viable sugarcane production. To bring this soil

modeling work closer to home, this summer I plan to begin using DNDC to model agricultural land use, cropping systems and soil carbon and nitrogen budgets in the Licking River watershed and may try the “forest” version to study carbon budgets in Denison’s Bioreserve. As the college, and hopefully the country, move toward sustainable practices, the modeling of soil carbon budgets as part of the larger carbon cycle should become commonplace.

It has been a busy two years family wise. My stepdaughter Erika now has a lively one-year old son named Max, so we have made repeated trips to Bloomington, IN of late. Stepson Jason was married to Lindsay Michael, a Denison alum and former ENVIS program coordinator, in Maine last summer and they live in Corvallis OR where Lindsay is in grad school and Jason is now head chef at a cluster of four restaurants. Fortunately both Maine and Oregon are cool places to visit! Given family-based jaunts, my see-the-world geographic travels have not ranged as widely as I would have liked. Evelyn and I did travel to Oaxaca, MX last spring where I could work a bit on my rusty español and we ventured to Puerto Rico this past March although there my now even rustier Spanish saw little use.

I hope you remain upbeat as you study the world and that you continue to keep in touch with Denison alums. Best wishes!

David C. Greene, Associate Professor (1996-present)

Greetings to all! Teaching, research and family activities continue for me much as usual, with enough changes to keep things interesting and exciting. Since passing on the role of department chair to others I have been teaching more introductory geology classes, and striving to make these relevant for geology majors and non-geology majors alike. Rather unfortunately, we had an abundance of current events to focus on in the last couple of years, including the earthquakes in China and Haiti, the volcanic eruption in Iceland, and the (presently on-going) oil spill in the Gulf of Mexico. Certainly no one can say that the geosciences are a purely academic discipline!

The Bree Creek quadrangle continues to challenge structural geology students; as does the local field mapping at Lobdell Creek, where the 3-dimensional stratigraphic relationships are complicated enough to provide plenty of interest despite the lack of actual deformation. I now incorporate more image interpretation into this course, as the quality and availability of remote sensing data continues to improve (for a structural geology feast, check out the Atlas Mountains in southwest Morocco). Still no satellite imagery for the Bree Creek quad, though.

I have now completed my research project in the Georgina Basin of central Australia, with a final summary paper coming out in the journal *Tectonics* sometime this year. It was a great place to work, with fascinating regional tectonic problems, but just too far and too expensive to maintain. I am presently back working in the Basin and Range, with a renewed focus on the Confusion Range in western Utah and its regional

tectonic significance (and yes, it is complex and confusing, though by the time we’re done we hope it will be less so). Building on work of previous students, I and present students have been working on re-interpreting structural geometries and constructing balanced cross sections across the range. We now think that the Confusion Range exposes a new segment of the Cretaceous Sevier fold-and-thrust belt, and are exploring the implications of this for subsequent mid-Tertiary extensional collages and formation of metamorphic core complexes within the Basin and Range province.

My family is well and happy and enjoying more Granville activities now that we have moved to a house on the bike path within walking distance of the village and Denison. There is a lot to be said for a walking commute!

Hope all is well with you and yours. We enjoy hearing from former students, so do keep in touch. We’re always interested in what you may have learned that you found especially useful, and what we could or should be doing to prepare current students for the world beyond the hill.

David H. Goodwin, Associate Professor (2003-present)

Hello Alumni. Greetings from our “fair college on the hill.” As I write this letter, it is 85 degrees (Fahrenheit...cannot forget my units), there is not a cloud in the sky, and the sparrows are frolicking noisily outside my office window—needless to say, life is good on campus! Over the last two years, my professional and personal lives have conspired to keep me very busy, but as I have said before, I would not want it any other way.

In my professional life, the adage “the more things change, the more they stay the same,” rings loud and clear. As for things that change, my colleagues saw fit to recommend me for tenure, and so in 2009 I was promoted to Associate Professor. Together with an R.C. Good Faculty Fellowship, I will be on leave for the entire 2010-2011 academic year! I will spend the first half of my sabbatical at the University of California, Riverside and the remainder here in Granville. As for things that stay the same, my research continues to focus on documenting and interpreting records of environmental variation archived in the hard parts of modern and fossil organisms. I have been very productive since the last newsletter: I had three papers published or accepted, and completed work on three more—all that remains is the writing. In addition, I have started an ambitious study of fresh water mussels. The goal of this work is to calibrate an exhaustive suite of geochemical and environmental variables with specimens grown in both natural and captive settings. You may be surprised to learn—as I was—that these are some of the most threatened organisms in North America, and so a better understanding of their ontogeny may facilitate environmental management efforts.

On the home front, life is terrific! Christina is still running her preschool program. She must be doing something right because she always has a waiting list of

families who want to enroll their children. Tyler (19) completed her first year at the College of Wooster. She is a 4.0 student and plans to pursue a career in the medical field. Frances (8) will complete second grade this spring and continues to be a remarkably voracious reader. I am not sure many parents can use reading as leverage: "You better eat your peas or no reading after dinner!" Amelia (5) will be a first grader next year. She amazed Christina and I earlier this spring by teaching herself to ride a two-wheeler. Ruby (2) is...well, what can I say, 2. She has taken up the reins as little sister with both hands. The entire family is excited about living in California this fall, and I am sure we will have many stories to tell. Finally, in a break with newsletter tradition, I am pleased to announce that Christina and I are NOT expecting another child.

In closing, I hope this newsletter finds you in good health and better spirits, and I wish you and yours the very best. If you find yourself in southern California this fall, please drop me a line. I would enjoy reconnecting with alumni from my time here at the college on the hill, as well as meeting those of you who worked and learned from my predecessors.

Erik Klemetti, Assistant Professor (2009 – present)

Hello Denison Alumni! I bring you greetings as the newest member of the Geosciences faculty here at Denison. I have just finished my first year in the department and it could not have gone better. However, before I get into that, a little background for those who are curious. I am a Massachusetts native, having grown up 50 miles outside of Boston. I stayed within the state for college, receiving degrees in Geosciences and History from Williams College in the Berkshires. While at Williams, I participated in a Keck undergraduate research project on Vinalhaven Island in Maine, jointly run by former Denison professor David Hawkins, whom I am replacing here at Denison, so, in a sense I've come full circle (with more on that below). After my time at Williams, I headed out west, where I earned my Ph.D. in geology from Oregon State University, where I worked on volcanoes in the high Andes of Chile. After finishing in 2005, I bounced up and down the west coast, working at University of Washington and University of California at Davis. Now, of course, I am very lucky to be at Denison University, where I can pursue my love of teaching and continue my research on volcanic processes.

Speaking of which, my current research focuses on the timescales of processes within volcanoes. I use radioactive elements (such as uranium, thorium and radium) to date crystals in magma to better understand how quickly magmas form under volcanoes and what are the sources of the material that gets spewed out during eruptions. To that end, I have projects right now in the Okataina Caldera Complex in New Zealand at Mt. Tarawera, the Devils Hills and Rock Mesa on the slopes of South Sister in Oregon and I will be starting a new project looking at the rocks from the 1915 eruption of Lassen Peak in California. All of these active volcanoes have produced large, explosive eruptions, so

understanding the timescales of magmatism is vital. These projects have also yielded some fascinating result, including evidence that single zircon's crystal zonation can record over 200,000 years of changes within a magmatic system, much like rings in a tree. I am also very excited to have a Denison research student of my own (Jesslyn Starnes '11) who is taking part in a Keck Project in the Sierra Nevada of California. I will be heading out to the Mineral King area to work with Jesse during the summer.

I am also very interested in public understanding of volcanoes and to that end, I write a blog on volcanoes called *Eruptions* (<http://scienceblogs.com/eruptions/>) where I discuss current volcanic eruptions, volcano research and how volcanoes are portrayed in the media. The blog built up has a community of professional and amateur volcanophiles with over 500,000 visits a month (and the Eyjafjallajökull in Iceland has helped a lot, too!)

Since I've arrived at Denison, I've been busy teaching *Materials of the Earth*, *Petrology of the Earth* and the introductory *Planet Earth*. Not only that, but I helped lead a department field trip (with Dave Goodwin) to Death Valley during spring break with 12 students – a blast was had by all. You can see pictures from the field trip on the Denison website (http://www.denison.edu/offices/publicaffairs/featuredstories/geosciences_death_valley.html). Susan and I have settled into Granville nicely as well. The garden is in the ground and most everything has come up (as of mid-May), so we're hopeful to get a bounty of vegetables at some point this summer. This summer, beyond the two weeks of California field work, will be focused on getting my lab set up in the department so I can start processing my backlog of samples (and not moving for the first time in years!)

Feel free to contact me with any questions (klemettie@denison.edu) – volcanically related or not – and I wish good health and spirits to all.

Kennard B. Bork, Alumni Professor, Emeritus (1966-2003)

Dear Denison Geoscience Friends,

When last we "chatted", I was about to head off to Oslo, Norway, to attend the 33rd International Geological Congress (GC) and hang up my four-year-old spurs as Secretary General of the International Commission on History of Geological Sciences (INHIGEO). Then, in June 2009, Kay retired from the Granville Public Library. The ensuing period has been enjoyable and productive for both of us as "active retirees". We take this occasion to extend warm greetings to the Denison geoscience family.

Mellow-mode professional activities and travel have occupied my post-August-2008 time. In October '08, I was Commentator for a history of science session in New Orleans – which allowed us some time to visit Cajun Country. In January 2009, Kay and I did our annual flight to the sunshine and red rocks of Sedona, Arizona, with side-trips to Bisbee and Tombstone. The Geological of London's *Special Publication 310* (2009), on the interactions of geology and religion, included my

chapter on an 18th-century Swiss pastor and his geological work incorporating the concept of Natural Theology. (NT contends that we better understand God by understanding nature.) In 2009, I also published book reviews in *Earth Science History*, as well as a brief article celebrating the history-of-geology contributions of Gerald Friedman. In April, Kay and I went to Boone, North Carolina, where I gave a paper on Kirtley Mather, Scopes, and Darwin. The talk was hosted by Dr. Andy Heckert '93 and was part of the Darwin Bicentennial Celebration at Appalachian State University. Our "old home-town" (thanks to two six-month sabbatical stays) of Paris, France, beckoned in June. We rendezvoused with our son, Rob, and his family, who were spending the summer in Germany, thanks to his Humboldt Grant to study Gothic architecture. In the autumn semester of 2009, the happy opportunity to return to teaching presented itself, as I developed a Directed Study for a student who wanted to pursue her deep interest in dinosaurs. January 2010, again in Sedona, was followed by February and March research on Grove Karl Gilbert (1843-1918), a founding member of the USGS and a giant in American geology. One focus of the study was Gilbert's generous donation of his geological library to Denison, after a disastrous fire (1905) gutted Barney Science Hall. Currently ongoing activities include service on the Executive Board of INIHGEO, the Editorial Board of *Earth Sciences History*, and two committees of the Geological Society of America.

The travel-for-fun element of retirement has also been good for us. Aside from Arizona and Paris, we just spent a wonderful "Ultimate Opera Week" in New York City (March 2010) and plan to take a two-week tour to Athens, Crete, Rhodes, Ephesus, and Istanbul in late September. Our hope is to avoid the moss-gathering stage of retirement...

As noted in the last *Newsletter*, do not hesitate to call (740-587-6486), visit (Sigma Chi 202) or e-mail (bork@denison.edu) if time and inclination allow.

Robert J. Malcuit, Professor Emeritus (1972-1999)

Greetings! Life keeps rolling along and I would guess that all of you, from time to time, get a similar feeling. We emeriti professors are not quite as busy as our active colleagues, but we probably have more fun, with less stress, doing what we like to do. In mid-October of this last year I presented two papers at the National Meeting of the Geological Society of America in Portland (OR). The oral paper was in a session of PRECAMBRIAN GEOLOGY and had the title: *A prograde planetoid capture episode about 3.95 Ga ago: Is this model compatible with the information from Hadean- and Archean-Age detrital zircon crystals?* I will have to admit that the TIDAL CAPTURE MODEL is not all that popular, yet, but it does relate to the early history of the Earth and Moon much better than the currently popular "Giant Impact Model", and a growing number of geologists are beginning to believe it!

Well, if you are not all that thrilled about capturing a moon for Earth, how about trying it for Venus. My poster paper was in a session of PLANETARY GEOLOGY and

was titled: *A retrograde planetoid capture model for oceans problem, an era of habitability for Venus, and a global resurfacing event about 1.0-0.5 Ga ago.* The title is LONG but it is quite a project to equip Planet Venus, our sister planet, with oceans of water and three billion years of habitable conditions (at least for bacteria and algae) before surface conditions deteriorate to the super torrid conditions that exist there now! Then in mid-April of this year I presented an oral paper in a session of PLANETARY GEOLOGY at a joint sectional meeting of the Geological Society of America (North-Central and South-Central Sections) in Branson (MO). The title was *A Venus orbit – lunar orbit resonance model as a possible explanation for the early Proterozoic 'great oxidation event.* I had this idea in mind for over 10 years and finally last summer I got most of it together. If you google "Venus Orbit – Lunar Orbit Resonance Model" you should get the abstract on your screen! Mary Ann and I continue to enjoy life in Granville with periodic excursions to our Condo on Hilton Head Island and elsewhere. We look forward to getting together with any of you when you are in Granville. Again, we send our best wishes to all!

ALUMNI / ALUMNAE NEWS

Peter Allen '70

Denison 40 year reunion is coming up. I'm not sure if I would recognize the place. I've been here at the Geology Department at Baylor University in Texas for 30 years following work with the City of Dallas Department of Environmental Planning. I do research in Hydrology and Engineering Geology; I deal with river erosion, restoration and analysis of reservoir sedimentation on the small scale (1-2500sq.km). and contribute to the SWAT watershed model (USDA/ARS/EPA) on the large scale (Upper Mississippi to Continental). Most recent research involves testing material erodibility with submerged jet testing and then incorporating this into continuous simulation models which deal with weathering and antecedent conditions. This is then used to predict urban stream erosion rates under various land use scenarios. My best to everyone and hope to get back this summer.

Bill Arnholt '93

Geologist & Operations, Northwood Energy Corp. Columbus, Ohio. Hope all is well. A brief update, I've been married to Stacey for almost 16 years and have three children, Alexandra 6, Wes 3, and Xaden 1. Kids are starting to get to that age of school and activities, so keeping up is fun but at times chaotic. Outside the home. I work for an oil and gas exploration and production company. Most of our activity is in Ohio, Michigan, and West Virginia. I've been doing this since school and can't seem to get enough, although one must ride the roller coaster the industry is. Hope my class mates are doing well and would like to hear from them sometime. Bill

Thomas Atha '78

Co-owner of Clermont Natural Gas; Partner in Houghton Investments LLC Not doing too much these days. Coasting along, waiting to see what's up with the Obama effect. Focusing mainly on oil prospects - seems more of a safe place - in comparison to gas these days. Who knows, this strategy may backfire??? Either way, it's always fun and usually interesting. Got up to Maine last year to see Gordon Bok, a favorite musician, and numerous trips to "The Ark" in Ann Arbor for some great small venue concerts. Remodeled an old building on the square in downtown Newark. My son Tom Jr. runs a recording studio on the first floor so I enjoy time watching the various bands that come through. He recently (Feb.) did a YouTube video that is a rebuttal to a radio spoof on Newark, Ohio put on by WNCI in Columbus. All in all things are good. Looking forward to 2012. Best wishes to everyone.

Bill Bach '72

Business Development Manager, Development and Investment, Trammell Crow Company. I haven't worked in the field for a long time. I'm "semi" retired after 30 years with the Port of Portland as the head of real

estate. Now working for a national developer putting together projects mostly involving public entities (university buildings and public-private ventures). Not the best of times to be a developer - it's a good thing I don't want to work all that hard anymore! My wife Helen and I enjoy the Northwest even more now that I have more time to be outdoors. We're both healthy and active. We still get back to our home state of Michigan a few times a year to visit family and friends, but haven't been to Granville since the mid '70s. It looks like a lot has changed on the hill. Hello to Ken Bork if he's still lurking around town.

Kyle Baldwin '94

Geologist with the Ohio Department of Natural Resources/ Division of Mineral Resources Management conducting pre and post mining surface and groundwater quality/quantity evaluations for coal and industrial mineral permits. Also conduct investigations for water well and developed spring impacts from mining. I continue to take some classes periodically to knock the rust off. Recently completed Soil Chemistry and Taxonomy courses at Ohio State. Taking some forensic hydrology this spring and learning more about Groundwater Vistas and GIS applications. I have also been working in the private sector doing soil evaluations for commercial and residential septic systems, pond sites, and some wetland delineations. Kristie and I still dwell in Zanesville with our three children. Abby and Olivia will be six in June and Connor turned two in February. Good times. I want to extend a note of gratitude to the Denison Geo folks that continue this newsletter. It is always nice to reflect on my time at Denison and read about the folks that had some part, big or small, in my experience there. Many thanks and best wishes to all.

Kelly Barrett '04

Geologist 3, Oil & Gas Permitting Section, Mineral Resources Management, Ohio Department of Natural Resources. Received M.S. from Ohio State University School of Earth Sciences in Geological Sciences, Spring 2009.

Mike Beck '73

Sr. Vice President, Environment, AECOM, Westford, MA
www.aecom.com

Rachel Benton, Ph.D. '83

I am still employed as Park Paleontologist at Badlands National Park. I have recently been promoted to serving our Regional Office which covers about 30 parks that contain fossil resources. We are continuing our surveys for new fossil localities and we have recently completed excavations at our fossil research quarry. Our plan is to open a new quarry in 2012, funding permitting. I have also been tasked with writing a book on the White River Badlands which will replace the original volume written

by C.C. O'Harra in 1920. We submitted the book proposal to Indiana University Press and hope to hear back in about a month.

Scott Blanchard '92

Senior Geologist with Brown and Caldwell

It's hard to believe it's been six years since working at Brown and Caldwell. Most of my work is related to the delineation and remediation of contaminated soil and ground water, managing ground water programs for landfills and chemical factories, environmental due diligence, and environmental management systems. I still give guest lectures at Columbus State Community College, Otterbein College and Tod Frolking's Hydrogeology class. I've been assisting professional climber/guide Andy Politz with his Introduction to Mountaineering, Alpine Rock, and Learning to Lead climbing classes. This, in combination with my own rock and ice climbing trips, gets me into the mountains a few times a month. Despite all this, Michelle and I still find time to wine and dine ourselves across the country in search of the elusive combination of the perfect India Pale Ale and great live music.

Donald Brice '81 Principal Geologist/Vice President
URS Corporation Cincinnati, OH. Manage environmental permitting and due diligence services group in Cincinnati office of URS. Fellow Denisonian Aaron Geckle is in the group, and Ivan Orsic was an employee before he entered grad school.

Spencer (Josh) Brooks '97

Producer - Electronic Arts. I'm currently a video game producer at Electronic Arts in the SF bay area. It's a rigorous job involving many hours of lab work perfecting my head-shot technique in Halo. When I'm not in the lab improving my Xbox gamer score, I'm in my field research area, Best Buy, correlating purchasing trends and game genres. It's a tough job, but someone has to contribute to the social decay of America's youth.
Xbox Gamertag - WallWins

Catherine B. Carlston '36

Retired since 1985. I'm still "hanging in there", still living alone in an apartment in a retirement community of about 2000 residents; and still walking with a "Hugo" walker to certain activities in this very active community (we even have our own voting precinct!)

Chris Clark '93

Director of Advisory Services, Nexamp, Inc.
Greetings, Geofriends. The current edition of the 2010 newsletter finds me in Massachusetts, where I reside in the Boston suburb of Lincoln. I continue my work in the energy industry, having transitioned from the state's Renewable Energy Trust to clean energy start-up Nexamp about a year and a half ago. It's quite an exciting time, given the increasingly mainstream interest in all things "clean" and "green" in the energy sector. It's also incredibly hard to believe that it's been nearly two decades since I was first introduced to topics like climate

change, sea level rise, and solar hydrogen by the likes of Frolking and Malcuit in their lectures in old Barney Hall! On the personal side, I have two wonderful sons, Benjamin and Wade, ages 6 and 4, and a loving wife, Anne. Please look us up if you find yourself in New England. Best to all.

Peter H. Cleworth '85

Principal of Chathen Consulting which is a residential electronics design and installation company.

Steven Cragg '77

Cragg Surveying, Land Surveyor

Things are pretty slow here in Western Colorado. Not much work around. Still doing contract surveying for the Bowie Resources Coal Mine. In February rode snow machines into the back country above the mine to do a Telluric Survey with the geologists, looking for a fault that runs through the proposed area to be mined. At times we were hip deep in the snow. Why didn't they plan to do this work in the fall when it is nice and dry? March went up again with the mine engineer to survey in the location of some drillholes for a proposed shaft site. Still have a lot of snow above 6500 feet. Looking forward to summer and hopefully things will begin to pick up. I welcome any contacts from old friends on facebook.

Randall Cross '94 President of Ethervision
iPhone Application Development | Digital Marketing Agency

Greetings all Geo Wallies from Chicago. Life is good over here. I wish I could say I am putting my BS in Geology from the best Geo Department in the Country to good use but all I really get for it is ridicule from my family if I can't name what type of rock or mineral something is on first glance. I still have quartz pretty well dialed but the other stones elude me. However, give me a wooden block carved in some strange shape and I should still be able to nail it's name based on cleave angle and # of sides. After 12 years with MTV Networks, I left in early 2008 to start my own business, Ethervision. We are a Digital Marketing Agency specializing in iPhone Application Development. Fun and busy so far. My wife and I have a son named Duncan who is just starting to walk. He is a great little dude. He says "Hi," "Guy", and "Gum". Guy is generally every object in the external world and Gum refers to things he is holding. Hi is his universal greeting. Sometimes it's "Hey" instead. I can't wait to read what you are all doing. Peace to all. -Randall

Jodi Lyn Cutler '84

Realizing that I have not provided an update in years and seeing the format of the online bios of alum, I have tried to follow suit. After completing my BS in three years at Denison and receiving the Kirtley F. Mather award, receiving my MS from IU Bloomington, focusing on hydrogeochemistry, fast tracking in the environmental consulting world then becoming Section Chief of Special Projects, over seeing the cleanup of the Housatonic River/General Electric PCBs sites for a decade for the

Massachusetts Department of Environmental Protection, I have finally slowed down and am luxuriating in being a stay at home mom, with occasional consulting and editing jobs. Phew. Life is good. My favorite past time is snowboarding, mostly in Stowe, Vermont. I returned to Denison for the first time last spring since graduating and was delighted to get to see all of my old professors (Drs. Leavell, Bork, and Malcuit) and the new facilities. It was wonderful and made me realize how lucky I was to have gone to school at Denison.

Christine Dektor '03

Loss Prevention Coordinator, Redwood Empire Schools' Insurance Group. Married Douglas Messenger in April 2008. Bought our first house in downtown Santa Rosa in April 2009. Living the good life in the heart of wine country. Waiting for an earthquake...

Marjorie "Emily" Einstein Dixey '89

Asst. Vice President and Chief Underwriter of Cairnstone, a Munich Re Company.

Hi Everyone! All is well with me. I have 2 boys (13 & 6) and going on 17 years of being married to my husband! My work is far from the Geology field (I do risk assessment and underwriting), but it is all mathematical and my GeoScience major really developed the analytical skills I use today. I would love to hear from my old classmates. We had some great laughs on the field trips!! Keep in touch!

Claudia Donegan, '86

Tributary Team Coordinator for; the Lower Western Shore, Middle Potomac Basin, and the Patuxent River Commission, Staff to the MD Children In Nature Partnership, MD. DNR. "Some problems are so complex that you have to be highly intelligent and well-informed just to be undecided about them." - Laurence J. Peter

Joe Dumesnil '00

Oil and Gas Petrophysicist and Geologist, Denver Tech Team, Halliburton
In the past 2 years I have lived in France (8 months, still hardly speak the language), Houston (5 months, got my drawl back) and back to Denver (home sweet home). I finished 2 degrees, one from Colorado School of Mines (M.Sc. in Petroleum Econ) and one from the IP School (M.Sc. Petroleum Biz Man.) Also was subjected to a grueling 3 month full time exercise in hand mapping a South Texas Frio Trend prospect and play from scratch; no digital data, totally worth it. It became apparent that technical experience was the necessary foundation for any potential future reliable fiduciary responsibility in my career so I was lucky enough to come back to Halliburton on their 7 person Technical Team that focused on unconventional well and play evaluation and completion design. Currently on my desk are New Albany, Bakken, Granite Wash, Lower Monterey, Almond Bar, Lewis, Pinedale & Jonah, Niobrara Powder River & DJ logs and some others from Wind River, Kansas, France, Poland, UK, Columbia and Saudi. So, yeah seeing a lot via log plot. Also giving a bunch of

training, trying to teach others what and how we do our stimulation petrophysics. Stressed and busy but loving it. Fingers crossed on heading back to the Middle East for a longer assignment at the end of this year; ready for some conventional limestone petrophysics. Skiing as much as possible these days and looking forward to hitting the streams soon. Riding my bike in a charity race or two this summer. Planning a two weeker to Italy for September. Life is grand really. Grabbed a drink with Mike Harty about a month ago, which was great to catch up. Skied with some fellow Homestead Alums about a month ago. Hope this finds all who read it well. Don't hesitate to give me a shout if you end up in Denver or the Colorado Rockies.

Jim Erickson '60

Retired in 2001 and have moved from Northbrook, IL to Granville, OH in 2007. While visiting our cabin in Fort Garland, CO this last summer we did stop and visit Ginny Graham in Durango, CO.

Jeff Faber '77

I'm currently working the Haynesville Shale for EnCana Oil & Gas USA Inc. in Dallas, Texas.

Daughter Meredith getting closer to Geology PhD at SMU. Son Matt started Chemistry grad school at UW-Madison last fall. Daughter Melissa started Math undergrad at UT-Austin last fall.

Rose Fortman '06

Staff Geologist at August Mack Environmental

Roger Gilfert '72

After 33 years with the same company (in reality the years were spent in the same facility but the name on the building actually changed 4 times due to acquisitions: Wang Laboratories à Wang Global à Getronics à CompuCom) my job loss avoidance luck finally ran out early last December. My final position had been as an IT Director responsible for my company's "back office" applications e.g. SAP R3, PeopleSoft HRMS, etc) and thus I spent my final 18 months of employment gradually working myself out of a job as I migrated processing off of my company's legacy applications and onto the acquiring company's systems. No hard feelings It was a great and challenging ride! I'm not officially claiming a retirement status as yet for I need to complete the exercise to understand how significant the financial impact would be of hanging up my IT endeavors three years earlier than planned/anticipated....but for now I'm enjoying the much less stressful and slower pace of life at home. With much more free time on my hands than full time employment offered, I have been able to devote much more time to some of my pet projects: completing the restoration of a '68 fastback Mustang that I had purchased back in 2000 and taking winter golf lessons so that I can hopefully beat my son this summer (although I admit that this probably isn't really going to happen). Additionally, my wife (Vicki) ensures that there is a never ending list of more practical jobs for me to

address (like remodeling our living room, etc) while she goes off every day to her job as a guidance secretary in our town's school system. As for the rest of my family, my daughter (Amanda) has been married for 4 years and she and her husband (James) made us grandparents 2 ½ years ago with the birth of their daughter (Braelyn). Fortunately for us they live relatively nearby to us here in New Hampshire and so we get to spend quite a bit of time together with them each month. My son (Rob) lives in Chicago and works as a product manager at a large building supply company. He will be marrying his fiancé (Erin) in Cancun during the last weekend of Feb this yearso we're all frantically preparing for that trip. I still look back at my years at Denison as some of the very best of my life! As recently as a couple of weeks ago I was recanting extremely fond memories of classes, discussions & conversations with Dr Mahard who I am eternally indebted to for the direction and fatherly guidance that he provided me during my time at Denison. I don't know how many graduating Geology majors there are now-a-days at Denison....but back in 1972 there were very few! I would love to hear from any of my old geo classmates!

Jonathan Goldberg '89

Assistant Professor of medicine, Case Western Reserve School of Medicine; Cardiologist, Louis Stokes Cleveland Veterans Affairs Medical Center; Director Cardiopulmonary Stress Laboratory. Laura and I are doing well. We are both keeping very busy with our careers. We have two girls, Sophia and Hannah, ages 3 and 1 year old. Interestingly enough I work right across the street from the Natural History Museum in Cleveland where I interned cataloging minerals for their collection.

Neil Goldblatt '85

CFO Dikeou Realty. Nearly 25 years at my first job! Still collecting 19th Century photographs from the Geological & Geographical Surveys of the American West and recently lent a number of them to the Smithsonian for the photography show, Framing the West, featuring the photographer Timothy O'Sullivan who was on both the Wheeler and Clarence King Surveys. Google Timothy O'Sullivan & Smithsonian to see some great geological structures. Happily married to Sarah and enjoying our two kids, Allie (11) & Andrew (9). FYI, my daughter just got an A+ on the "Rock Cycle" test last week!

Sarah Grannemann '08

Geologist, EA Engineering, Science, and Technology—Sparks, Maryland, September 2008 – Present. Hired as a President's Select Scholar in the Water, Natural Resources, and Ecotoxicology Business Unit.

Hollis Hall '81

5th Grade Language Arts Teacher, Reading Specialist

Joseph Havasi '93

Lynn and I are residing in Niles, Ohio, with two children, Joe (10) and Megan (8). Fortunately staying busy, despite the downturn, at Lafarge North America, Inc. as

a Land Manager / Materials Performance Manager for the Great Lakes Aggregates Division. My role revolves around ensuring resource and reserve sustainability, and therefore, once in a while have an opportunity to delve into Geology. Also spending much time coaching kids' sports, such as football and basketball. Cheers to all!

Andy Heckert '93

Assistant professor, Department of Geology, App. State
<http://www.geology.appstate.edu/museum/museum.htm>
<http://www.geology.appstate.edu/rockgarden.htm>

First and foremost, if you're in the neighborhood, drop by! There's lots of great spots to show off some geology, so bring your classes. We've also got a small museum and a rock garden (see web pages above) and if you give me notice, I can meet you with some App. students. If you're a solo Geowally on the road, we've got a place to stay. Kristan and I love life here in the Blue Ridge. It's not often a paleontologist can enjoy living on a bunch of Precambrian basement, but Boone's a nice southern town with a good university life. In the past few years we've enjoyed hosting the Malcuits and Borks here in town, exposing Appalachian students to the possibilities of lunar capture and renaissance thinkers like Kirtley Mather. Triassic rift basins are just a few hours away to help me with local research projects, and every spring I take a batch of majors out west to the Triassic of New Mexico and vicinity. I also enjoyed meeting David Goodwin at a workshop on teaching paleontology this past summer. I try to bring all the best parts of the Denison experience (well, except for the endowment, not much I can do about that) to the students here, and look forward to hearing from all of you.

Rick Henterly, PG '02

Professional Geologist, EHS Support Corporation

The past few years have been a period of great change for me, both in my professional and private life. In November 2007, I moved to Winston-Salem, North Carolina - the first time in my life I had moved out of state (let alone more than 60 miles from Columbus). I had previously worked for three years at URS Corporation as a field geologist, but upon moving was offered a job at EHS Support Corporation – a young, small environmental consulting firm specializing in environmental risk and remediation management. I currently work for them as a geologist and as their Director of corporate health and safety. I couldn't ask for a better job – I work from my house as do all of our employees, I have a good balance of field and office work, and I still get paid to look at rocks and play in the dirt! The majority of my time is spent working on soil and groundwater remediation at chemical facilities and various other sites. My biggest recent professional achievement was reached in the spring of 2009, when I received my Professional Geologist (PG) Licensure from North Carolina. In my non-work life, I've made some big changes as well. I married the love of my life, Sprigg Parker, in October of 2009 near Hanging Rock State Park in North Carolina. We live together in Winston-

Salem with our two dogs, a lab mix named Bella and an Aussie named Jake. Sprigg works as a landscape designer, so between us we have the rocks and plants covered! We pass our days spending time with our friends, taking active roles in our neighborhood, and traveling to visit our family in states from California to Idaho to Ohio. We spent a long weekend this past March snowboarding in Tahoe and visiting with our family, and in July we'll be crossing the sea for a vacation in Italy. Living in North Carolina provides some great opportunities for rock collecting, with deposits of gold, amethyst, emeralds, rubies and many other great finds throughout the state. Sprigg and I have even converted a few of our friends into true rockhounds who enjoy weekend road trips in search of treasure. For better or worse, my pile of rocks in the basement continues to grow.... Please feel free to drop me a line if you're in the Winston-Salem area, or if you just want to chat about Charlotte's igneous petrology or the best ski resorts in the Blue Ridge (Beech Mountain is pretty good). Denison's geology department provided me with so much, and I'm proud to continue to tell people where I started my professional geology adventure. I hope to hear from you soon!

Ted Herz '81

It has been a while since I updated for the newsletter. I am currently still running my own custom home building/remodeling company, Bayberry Building Company in CT. Although this last year or so has been rougher than usual we are actually growing and busier this year than ever. Our sales in January 10 alone have already surpassed 1st two quarters of 09. We have been very lucky to have aligned ourselves with some very well known architects and a unique client base. Jobs are getting much bigger (last house was 12,000 ft²) and with many unusual and interesting new requests (master bath tub from which you can swim under a glass panel into an outdoor jacuzzi) keep things challenging and interesting. Still love my rocks and minerals. I am a repeat client of Hummingbird Minerals whenever something unusual strikes my interest. Have also been involved on a consulting basis with a company looking to promote reclaiming oil and carbon black from reclaimed tires while at the same time producing electricity with off gases. A connection with my past work experience in the carbon black business with Degussa Corporation. Was at Denison recently with my son (hard to believe that statement) for a campus tour, he ended up opting to go somewhere warmer to school at U Miami but has many friends at Denison. Wow! what a campus upgrade. I wish I could come back again! Hope all is well out there in Geo land with all past grads in our small graduated class of 9 in '81! A warm hello to Holly wherever you are? Still have your cooler.

Brad Janssen '99

Senior Landman, Chesapeake Energy
Enjoying life here in Oklahoma City with my wife of 9 years, Andrea, and our 2 year old son Joshua. I hope this newsletter finds everyone well and please feel free

to call or stop by if you are ever in Oklahoma City.

Sallie Beeghly Jones '76

Daughter, Sarah, graduated from Carleton College in 2006. She lives and works in Minneapolis. Son, Andrew, is a senior at Colorado College. Son, Gordon, is a freshman at Warren Wilson College. Our current contact information remains the same.

Shirley Martt Kendrick '83

Piano Teacher/Mom. I can't remember when I last contributed to the Geosciences Newsletter, so I apologize if I am repeating myself. After four years in Cairo, Egypt we moved to Edmond, Oklahoma during the summer of 2007. Mike is with Devon Energy in the western division. Megan is a freshman in high school and enjoys school, swimming, friends and shopping, although not necessarily in that order. I am teaching piano and have a great group of students. Also, after 30 years, I finally have a horse again. We are learning the challenging art of dressage. I was back at Denison for the reunion of May 2008. What a treat to reconnect with old friends!

Phil Klinedinst '78

Hydrogeologist, URS Corporation, Gaithersburg, MD

John M. Kundtz '82

Senior Business Development Executive, IBM
Greetings to our far-flung Geology and Geography family as we enter the second decade of the 21st Century. I am very pleased to see that the ever popular Biennial Newsletter is back in production after a longer than anticipated sabbatical. By my records we were up to version XVII so I guess a rest was in order, none-the-less I am pleased to see the presses rolling again. It is hard to believe that 27 years have come and gone from the days in Barney Science. I now have the "pleasure" to be paying college tuition for my two daughters. As you can guess most of our time and effort are focused on the kid front. Our youngest daughter, Riley, is enjoying life as Freshman at Bates College in Maine. She is actively following in her sister's foot steps playing Field Hockey (in the fall) and maybe Lacrosse (in the spring). Courtney, our oldest, is about to graduate from Colgate University where she is majoring in Peace and Conflict Studies a very Liberal Arts major. She played Division I Field Hockey for two years and then a knee injury sidelined her competitive playing. In her spare time she has pledged and been activated as a Kappa Kappa Gamma. Manning is very pleased that she now has a Kappa legacy in the family. Even though we were successful in having our kids attend Liberal Arts Colleges there was no interest in Denison, mostly because Mom and Dad went there. On the home front Manning and I are enjoying living out in the country in our century home (circa 1855) about 5 miles north of Chagrin Falls in the Village of Hunting Valley. In addition, Manning is still coaching and teaching. She is the head coach for the Hathaway Brown 7th & 8th Grade Field Hockey team. She is having a blast. We just

celebrated our 25th wedding anniversary, so all and all life is good. Lastly, on the work front, IBM continues to be a good place to work, I currently have responsibility for infrastructure management services for OH, MI, IN, KY & WV so I spend 3 to 4 days on the road visiting clients and selling consulting engagements. Recently, I was honored to be included on (Northeast Ohio) Inside Business list of the regions most influential (technology) people. It was unexpected and real honor (at least for me). See <http://www.ibm.com/Main/Archive/PoweredUp11612.aspx> Unlike past newsletters where we spent a great deal of our weekends traveling from one event to another, Manning and I are now empty nesters so we are enjoying the quietness but miss the high school sports. Best wishes for a great 2010!

Chip Lange '77

Exploration Manager, Rockford Energy Partners

We just finished putting together our acreage block in a very competitive horizontal oil play in western OK and are currently participating in our first well as a non-op. So far we have planted two downhole motors and are on the second sidetrack. Steep learning curve. We anticipate operating 15-20 wells in the next year or two and then selling the properties to some large OKC based independent that will hopefully wildly overpay as is their custom. Chesapeake are you listening?

Kristen Lese (Lydy) '00

District Geologist, Gulf Coast Division, Samson

It's just barely 2010 and it has been a busy year! We just got a new proprietary 3D seismic shoot approved and I've been scrambling to help finalize the details. This is the first one I've been directly involved with and it is incredibly exciting. When I'm not pretending to be a geophysicist, I'm working on pore pressure evaluation & prediction of our over-pressured basins, it's another new task for me, but so far I really enjoy it. Hope everyone is doing well, I look forward to all the updates!

Michael (Mike) Lewis '79

Active Petroleum Geologist. Discovery GeoServices Corporation, President; Lane Energy Poland, Exploration Manager; 3Legs Oil & Gas, Chief Geologist. Traveling to Europe often to work on shale gas and other unconventional projects. Also lecturing at universities in the US and abroad, and speaking at seminars and geological society meetings about unconventional oil and gas exploration and development. I am having a really good time, and working hard, too. We need new blood in the petroleum geosciences, so I want to encourage students to get involved.

Ian D MacFarlane, '79

President & CEO; EA Engineering, Science, and Technology, Inc. EA is an environmental consulting firm with about 450 employees nationwide. Despite the poor economy, my firm, thankfully, is still growing and doing relatively well....knock-on-wood....likely in part due to the fact that we have a solid, federal client base with many agencies like the DOD, NOAA, EPA, and the

National Park Service. And we still hire lots of geo's, and indeed just this past year or so we had the honor of hiring two of Denison's own, Sarah Grannemann '08 & Peter Lekas '94 (so now there are a whopping three Denisoners at EA!) After a long hiatus since I graduated, I finally returned to campus last year with my college-visiting daughter. The visit brought back some great memories, and I even had a spare moment to catch some face time at Slayter. Although my daughter loved the place, she ended up attending Claremont McKenna (in distant California) as a freshman this past fall. My oldest son is now a junior at Colgate (a campus very similar to Denison's) studying philosophy, and I've got one more in the proverbial shoot as a current 9th grader. No scientists yet! I have reconnected with many of my college friends via LinkedIn in the last year, including a few geo's....so 'friend' me! And give me a shout if you ever swing through Baltimore. My best to all.

Jamie McElman,'80 Environment Manager - Verizon Telecom. Despite the occasional hurdle, life goes on in FL for this former geo major. I continue to be gamefully, yet stressfully employed, and am presently responsible for all site remediation and environmental due diligence for the VzT footprint. A clone would be very useful! I hope my wayward friends are well, and hope to hear from you soon.

John Marshall '83

I am still practicing civil rights law in Columbus, causing trouble as much as I can, and raising (with my wonderful wife Angie Plummer) two amazing children, Benjamin and Eleanor, ages 8 and 6. I donate lots of energy to the Ohio Environmental Council, the state's largest and most active environmental advocacy organization--sometimes my geo-major comes in handy. Denison is not so far away, and I sometimes get to see Dr. Bork, always a treat.

Robert Miller '98

Smokejumper - BLM, Alaska Fire Service, Fairbanks, AK. Well I got married to Lisa Renee (last name Miller, of course) back in October of '08. Not sure if I put that in the last newsletter or not. Lisa surprisingly likes it up here in the frigid north, perhaps more than I do. We bought a house last March and I am now learning that not everything can be fixed with a hammer, though it is usually a good first choice. I am still in the wildfire business and had a fairly busy season up here last summer, making up for a very slow 2008 fire season. Sometime in July (I think) I reached a small early career milestone of 50 fire jumps. It was a small easy fire on a beautiful tundra covered hillside with a great view and not too many bugs. With the fire season naturally coming to an end, I've picked up a winter job on a fuels crew. It has its ups and downs. On the upside I am outside all day and I get to see the sun for the precious few hours it burns low across the horizon. Downside is I am outside all day in the Alaska Interior. It's cold. Go figure. Anyhoo, life is grand, I can't complain, and I hope all is well for the old Denison Geowallies!

Sheila Noonan Mitchell '79

Managing Attorney, Philips Healthcare. I have been in-house counsel for Philips Healthcare the past 10 years after 8 years in private practice. I am lead attorney for our Imaging Systems business, so know lots about CTs, MRIs, X-ray systems and nuclear medicine cameras! This summer I was able to resurrect my geology knowledge as I toured the great southwest with my husband Bob and our two adventurous girls, Bridget (12) and Meagan (11). We hiked the Grand Canyon, Zion, Bryce, Arches, Canyonlands, and Petrified Forest. Thought of Dr. Mahard a LOT! Hope everyone at Denison Geology is doing well; I will always treasure my time in Barney science!

Paula Konfal Motzel '98

Legal Counsel, Chevron Pipe Line Company, Bellaire, TX. Paula and her husband, Bryan, live with their son, Everett, in Houston, TX. Bryan is a geoscientist supervisor at ExxonMobil. Paula and Bryan would love to move back to Ohio. If you know anyone who needs an energy attorney or production geologist, let us know! Go Big Red!

Matt Mullin, P.G. '87

Hello all fellow Rock Jocks (from both Barney and the more recent past!) The past two years have been a wild ride.....I went from working for ATC Associates to Environmental Resources Management (ERM) in February 2008. ERM was a great company to work for; my first global environmental-only consulting gig. That ended in February 2009 in the wake of the financial crisis, and I was lucky to find a job quickly with the City of Cincinnati. It's basically the same thing I was doing before – Environmental Compliance Auditing. Though the public sector has its own pros and cons, it was pretty cool to be handed a clean sheet of paper and be asked to design and implement an Environmental Management System for a city with 400 facilities and 18,000 property parcels. So, it's a great time to be "Going Green" and involved with the waste reduction/recycling/energy savings/sustainability fields.....not so great to be working for a municipality trying to find tens of millions of dollars to carve out of its budget every six months! Hope this newsletter finds everyone healthy and happy; can't wait to see what everyone else is up to!

David Murduck '83

5th Grade Science Teacher/Department Chair, Champion Middle School, Warren OH. I currently have a beautiful wife and two young children. Carissa is 4 and Trenton is 2. I thoroughly enjoy teaching Science and was selected last year to present at a NSTA conference for the 7th year in a row. I teach 6 fifth grade Science classes and have a Science club of about 100 students. I advise both the high school and the middle school Envirothon teams and coach varsity track and cross-country team. I am also very proud that my 5th grade class received one of the highest scores in the state on the 5th grade Science achievement test at 96 percent.

Hello to all! I still have fond memories of Dr Bork and others. Especially those Mineralogy exams!

Paul E. Nachlas, P.G. '79

Senior Project Manager, Herbert, Rowland & Grubic, Inc. Acquired by HRG in March 2008. Continuing environmental consulting work for industrial and governmental clients. Looking forward to seeing how Marcellus Shale plays out with all the battle over water and waste. It's going to be an interesting socio-political hot-potato. And it's going to be an interesting opportunity for geologists too. Best wishes of wealth and happiness to all.

Matt Pachell '97

Senior Staff Geologist, Condor Petroleum Corporation A Calgary based start-up oil and gas exploration company with operations in the country of Kazakhstan.

Shanan Peters '98

Assistant Professor, Department of Geoscience, University of Wisconsin-Madison. Already in the third year of my tenure-track position at UW-Madison. I'm having a great time and, as KBB used to say, boredom is definitely not a factor! Hope this newsletter finds everybody doing well!

Samuel B. Pole IV '68

I spent 18+ years working for the Texas Department of Water Resources (in all its various names) as an environmental geologist responsible for investigating and mediating groundwater contamination problems; responding to underground storage tank issues; and helping to develop and implement the Texas underground industrial injection program. During the last three years of my tenure with the Texas Department of Water Resources, I was chief of enforcement for surface and subsurface contamination, and in charge of the state underground industrial injection program. I left the TDWR in 1989 and briefly worked as an environmental consultant with a small family firm and then in 1990 began employment in Idaho at the Idaho National Engineering Laboratory (now Idaho National Laboratory). I worked at the laboratory for 10+ years as an engineering scientist doing environmental clean-up and supporting a Department of Energy radiological laboratory. I took an early retirement in 2000. Since then my wife, Joyce, and I have built one home and moved three times to our current address. We both volunteer with local organizations and enjoy our one grand-child. We continue to enjoy the outdoors - skiing, hiking, biking and travel.

George R. Ramsayer '69

Retired. After 34 years in geotechnical and managerial positions with Exxon and then ExxonMobil I have retired with my wife Carol to the beautiful town of Middlebury Vermont. We became full-time Vermonters last August, having left the flatlands of Houston Texas behind. We are enjoying the small town atmosphere, the topography and the access to mountains and trails.... not to mention

the opportunity to see rocks in outcrop, something not available in Houston. I'm busy with several volunteer groups and my newfound addiction to golf. Life is Good.

Kenneth F. Reighard '59

Principal and Chief Geologist, Reighard Geoscience Inc. Consulting Geologists. We continue to provide geologic consulting services in North America with emphasis on industrial minerals. Three associates and I recently formed a company (Lithexco LLC) to explore for lithium brines and rare earth elements in North and South America. Initial efforts are underway in Nevada, Utah and Argentina.

Tom Roehl '59

48 1/2 year career as a restaurateur - still value highly the influence of Dick Mahard and Chuck Graham while at Denison.

David Rowley '76

Professor, Department of the Geophysical Sciences, Editor, The Journal of Geology, The University of Chicago

I have been remiss in past years with responding in time with information for the Newsletter so I am trying to turn over a new leaf and act before the deadline. As both Bob Malcuit and Ken Bork will tell you getting things in on time was always an issue while I was at Denison. As is clear from my signature, I continue my tenure at The University of Chicago. My main research interests continue to focus on paleoaltimetry with an emphasis on the Himalayas and Tibet, as well as global tectonics and paleogeography. I continue to be active in field-based studies of the Tibet Plateau. I spent 2 weeks last summer crossing eastern Tibet along the highway from Chengdu to Lhasa and in Lhasa. I hope to spend time this year both in southern and northern Tibet, as well. I have become more involved in global geodynamic modeling, with an emphasis on dynamic topography and implications for western U.S., eastern seaboard, and Africa through collaborations fostered by the Canadian Institute for Advanced Research- Earth System Evolution Program, of which I am a fellow. I have also become the Editor of the Journal of Geology, which takes a fair bit of my time these days.

My three children, Jason, a second year at the University of Chicago, Jenny, who will start at Washington University in St. Louis next fall, and Gia, a sophomore at the University High School, are all doing very well. Despite my positive encouragements about Denison they have chosen their own paths. For fun I continue to play ice hockey (3 nights a week) and during the summer sailing my hobie cat and biking the Chicago lakefront. My very best to all in Granville and points beyond.

Ed Silcox '69

Retired. After eleven years in White Mountain, Alaska (an Inupiaq Eskimo Village – population 200), we have moved to the 'big city'. I spend my time with my children Evan (8) and Mimi (4), volunteering at their schools,

helping my wife Cheryl with her teaching (we had a great Geology unit last fall), and playing guitar.

Steve Silvestri '00

Currently working in Advertising Sales at DIRECTV, Inc. in NY, NY (curveball?) Excited to welcome a new member of our family this June (our first). No surprises here...We find out the sex next week. Looking forward to hearing from people. FYI-I could sell catsup popsicles to a guy wearing white gloves.

J. Bailey Smith '87 Coastal Geologist, US Army Corps of Engineers: Philadelphia District. I am performing coastal and hurricane damage reduction studies for the NJ and DE coasts and estuarine management studies for the Delaware Estuary for the US Army Corps of Engineers. Doing additional coastal work nationwide including in Louisiana, Mississippi and Texas. Playing a lot of hockey as do my sons. Still surf. Hello to all!

Constance M. Soja '77

Professor of Geology at Colgate. Hi everyone: Thanks to the Geo department for producing this wonderful newsletter! I continue to enjoy teaching at Colgate and doing research in paleontology. Last summer, I directed a Keck Geology Consortium project in Mongolia's Gobi Desert. The research involved eight US and four Mongolian students, two other US faculty, and our Mongolian colleague. Students did exceptional work in the field and are completing their projects during the 09-10 academic year on the paleoecology, chemostratigraphy, and magnetic susceptibility of Ordovician-Devonian fossiliferous rocks. We hope our results will shed new insights about the paleogeographic setting of the Gobi-Altai terrane in southern Mongolia. In Spring 2010, I am directing Colgate's Australia Study Group at the University of Wollongong, an hour south of Sydney. It will be a treat to teach my Reefs Seminar for the first time in a coastal setting and to take the 15 Colgate students to the Great Barrier Reef. We'll be exploring the reefs-to-rainforest transition to better understand the impact of global change on the "fragile edge." I am looking forward to a year's sabbatical starting in January 2011. Genuine thanks to all of my mentors at Denison for their encouragement and support over many years.

J Thomas Staab '59

I was a Geography (not geology) major, however Drs. Mahard and Graham gave me enough geology that I rejoice that I am a retired Episcopal priest, rather some other kind of clergyman who cannot accept evolution. I have been retired for over 10 years and I recommend it for everyone. Live long enough and you too can enjoy not having to get up and work. I get up and walk 5 days a week with a group of guys and it really is fun.

Donald B. Taylor '80

Principal – Base Consulting LLC

Jeff Thuma, '87

Environmental Manager, Minneapolis-St. Paul Office, Burns & McDonnell Greetings to all from Minnesota! I just checked out the department website and was glad that I could still recognize a few names. It's great to see Drs. Bork and Malcuit still engaged with the department and their research. I've tried to explain the lunar capture theory to my kids several times over the years and get very few eye rolls now. I recently changed firms after 19 years at Delta Consultants. I started the Environmental Consulting practice for Burns & McDonnell in Minneapolis this past fall. We are up to five staff now (3 engineers, but 2 geologists!), and things are rolling along. Hopefully the economy will kick into gear later this year. My family is doing well. Daughters (Josie 13, and Lilly, 12) are both in middle school now, doing well in school, and playing a lot of basketball and lax. My son, Tommy, is 9 and very busy with school, baseball, and hockey. No interest in geology at all, but they're still young. My wife, Molly, keeps busy with PTA, the girl's athletic association, and some freelance graphic design. I've been lucky enough to see Park Gilmore almost every summer in Michigan and Dave Wardwell from time to time for business. It would be great to hear from Tom Anderson or anyone else who may be coming through the Twin Cities.

David Wardwell '90

Owner/Dune Technologies, LLC. After 10 years with In-Situ, Inc., I started Dune Technologies, LLC, which is an environmental technology representation firm in the Midwest USA. I represent multiple environmental technology solutions to Environmental Consulting Firms, Universities, State, Local and Federal Government Clients in the Upper Great Lakes Area. I work with technologies such as: Electrical Resistance Heating (ERH) for Thermal Remediation, Acoustic Doppler Current Profilers (ADCP) for surface water characterization, Schlumberger Water Division, and others.

Jim Warram '87

Environmental Programs Manager, Xerox Corporation. Transferred to Oregon last year. Leaving the Midwest was not easy but the whole family enjoys exploring the Oregon coast and mountains whether on foot, mountain bike or snowboard.

W.T. Weber, III '89

The practice of mineral law in West Virginia has changed drastically since the full-scale development of the Marcellus gas shale horizon. We have seen a 5x growth in leasing and development. Those of us in the legal business have had to adjust from the old "Benson Well"

theory of exploration to the new "horizontal drilling" techniques for the Marcellus wells. As with any new development, the legal and technical learning curve is in full swing. Since the Marcellus wells require up to 5x more surface space to accommodate the drilling and fracturing, (as well as huge fresh water pits and holding pits), landowner rights have come to the fore-front like never before. On the home front, Heather and I have added baby Abby to the clan. We now have 4 kids, 2 dogs, 1 cat and Bugs Rabbit. Hope all is well in Granville. PS: Anyone heard from Bork?

Susan (Specht) Wickham '75

Project Manager with Solano Land Trust

Although managing working ranches for the land trust is a little far from the Denison academic experience it is closer than you think. I find myself talking about the active faults, serpentinite and basalts, cinnabar veins and the wonderful geomorphology that comes with the California Coastal range. Visit www.solanolandtrust.org come on a hike!

Beth Wilson, BS, '69

Operations Coordinator, Imaging Services, UPMC Passavant Hospital. Big news at our house--my husband just had deep brain stimulation surgery for Parkinson's Disease. His device will be turned on in a few weeks. We hope to return to a more active lifestyle--biking, hiking, etc. Wish us patience with the programing, we've had good luck so far!

Rick Wilson '85

Vice President of Operations for Heritage Sustainable Energy, LLC which is a utility-scale wind energy development company based in Traverse City, Michigan. Live on a farm in Leelanau County with wife, Barbara, and horses and chickens and dogs and cats. Life is good.

Jean A. (Smith) Wosinski '54

Attempting here to continue the Mahardian tradition of speaking out on civic issues that require geologic/geographic insight. (Are there any that don't?) Currently involved with efforts to restrain the invasion of the natural gas industry to do hydrofracking of the Marcellus Shale across the southern NY boundary, impacting the Susquehanna, Delaware, and even the Hudson drainage basins. Unregulated PA already experiencing toxic results. Oil & Gas Industry should not be exempt from Federal Clean Water and Air legislation. Cheney did a real number on that! Sierra Club, Cornell folks, League of Women Voters and many farmers are working hard on this issue.

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