

ALUMNI NEWSLETTER

Summer 2005

DEPARTMENTAL NEWS

by Jim Harrell (Newsletter Editor) and Mike Phillips (Department Chair)

The Department continues its phenomenal growth. Over the past year we hired two more faculty members at the Assistant Professor level, representing one new position and one replacement position for Deb Neher who left EEES last year to become Chair of the Department of Soil and Plant Science at the University of Vermont. The first of the new hires to arrive is Jonathon Bossenbroek, who holds a Ph.D. from Colorado State University in Fort Collins and comes to us from a post-doctoral appointment at the University of Notre Dame. His teaching and research interests involve the ecology of invasive species, landscape ecology, watershed ecology, modeling dispersal mechanisms, and predicting habitat suitability. The second new faculty member is Michael Weintraub, who is currently completing a post-doctoral appointment at the University of Colorado – Boulder and will start here in August 2006. His teaching and research interests are in the fields of soil and ecosystem ecology, and biogeochemistry. This fall we have started searches for two additional new faculty positions in the areas of insect/invertebrate ecology and limnology/fresh-water pelagic ecology, respectively. When the EEES Department was organized in the summer of 2000, it had a total of 13 faculty members, 7 geologists and 6 ecologists. Now, five years later, it boasts a faculty of 9 geologists and 12 ecologists. For information on

everyone's teaching and research activities please visit the Department's web site at <http://www.eeescience.utoledo.edu>.

Our expanding graduate student population closely paces the growth in the number of faculty members. In the 2000-2001 school year we had a total of 30 registered graduate students (6 MS and 6 PhD in Ecology, 18 MS in Geology) and in Fall 2005 this figure has grown to 51 (22 MS and 19 PhD in Ecology, 10 MS in Geology). About 30 percent of the 51 registered graduate students are from outside the US, and 45 students currently hold assistantships with nearly half of these supported by external faculty research grants. Between the stipend and the tuition waiver, the current cost of an assistantship for one academic year is about \$20,000 for an MS student and \$26,000 for Ph.D. students. Over the past three years the Department has averaged about \$3 million annually in **new** external grants to EEES faculty, and this is why we have been able to support so many graduate students on research assistantships and thus expand the graduate enrollments. Unfortunately over the past several years our geology enrollments have been gradually decreasing which is consistent with the national trend. Hopefully, this is a trend that will soon be reversed. Starting this fall, the Department is offering a new biology degree

option, the “Ecology and Organismal Biology” concentration within the existing B. S. degree in Biology. This degree track is housed in EEES but draws on courses offered in the Department of Biological Sciences as well in EEES.

As the science departments at UT have expanded significantly over the past 5 years, the long anticipated, much needed and very much overdue renovation of Bowman-Oddy Laboratories became progressively less likely because there was not sufficient “swing space” remaining to house EEES during any renovation. Therefore, last spring we were very heartened to learn that the University’s new master plan calls for construction of a new science building between Carlson Library and Wolfe Hall, which will house EEES along with overflow from the other science departments. This will clear the way for the renovation of Bowman-Oddy as a science teaching laboratory building. Most of the Chemistry teaching lab rooms in BO have already been renovated. The first meeting of the planning committee for the new science building is scheduled for September 26th, and Mike Phillips and Tim Fisher will represent EEES on this committee. Given the time required for planning and construction, the best-case scenario is that this building might be available

for occupancy in about 5-6 years. In the meantime, given the budgetary uncertainties in the state, there is always the possibility for unforeseen delays, but the important thing is that the commitment has been made and planning is beginning. In any event there is a very good chance that several of us “old timers”, including your two correspondents, will likely be retired by the time the building is opened.

One final bit of good news is that, due to the generosity of Elliot Tramer, our senior ecology faculty member, the Department now has a new endowed undergraduate scholarship fund for students majoring in environmental sciences. If you would like to contribute to this or any of our other funds please see the last page of this newsletter.

ALUMNI NEWS

Note to readers: to obtain addresses and other contact information for these and other alumni write to Stephany Mikols, EEES departmental secretary, at stephany.mikols@utoledo.edu or call her at 419-530-2009.

Eric Andreus (MS Geology 96) – is Project Hydrogeologist/Manager with Science Applications International Corp. in Westminster, Maryland.

Julius Blanco (BS Geology 81, MS Geology 85) – still works as an Environmental Professional for Marathon Ashland Petroleum in Indianapolis, Indiana. He corrects his entry in last year’s newsletter in saying “I have great parking passes to the Indy 500 car race and the Brickyard 400 for that matter (parking passes only, NO tickets) and not the Indianapolis Zoo. When in Indy, say hello.”

Jennifer (formerly Vagen) Deka (MS Geology 03) – is a Hydrogeologist with Hull and Associates in Solon, Ohio. She writes, “My husband, Sean, and I are the proud parents of a baby boy, Colin Donald, born Sept. 15, 2004.”

Joyce (formerly Sattler) Dunkin (MS Geology 81) – in Milford, Michigan writes, “I still work part-time as Senior Geologist/Hydrogeologist for Limno-Tech, Inc. in Ann Arbor, MI. Last year the majority of my time was spent in testing an aquifer in NW Ohio for use as an alternative municipal supply, and doing fate and transport modeling of a contaminated dual-aquifer system. I enjoy the water supply work and

hope to do more. Rick [UT MS Geology 82] and I are approaching our 24th anniversary this year, still thankful that the UT Dept. of Geology brought us together! I continue to find reasons to remodel our house and spent most of the past 6 months reconstructing our master-bath. Next project – building a sunroom addition on our house so we can continue to enjoy our view of Kensington Metro Park.”

Emily (formerly Wegert) Dennis (MS Geology 81)

– wife, mother and gardening guru in Cleveland, Ohio. She writes, “Our house is starting to look fabulous, with a Country French flair. We still have the B&B (www.glendennis.com). Work as an inner-city activist bent on reversing urban decline continues, and there's success in those areas I'm working in. Last spring I launched a very successful neighborhood garden club. My gardening business continues to develop. Our sons (10 and 8) are thriving, with a healthy interest in the natural world. Their schooling and other activities consume a great deal of my energy and money - I regard it as investment in humanity's future.”



Emily (Wegert) Dennis with her husband Dave and sons Jacob (left) and Aaron (right)

Julie (formerly Hopkins) Denniss (BA Geology 88)

– is Environmental Supervisor with the Ohio Department of Transportation, Office of Environmental Services in Columbus, Ohio.

Tim Eckstein, MD (BS Geology 74) – is now serving in the U.S. Navy and he writes, “I was recalled to active duty by the Navy in September 2004 in support of Operation Iraqi Freedom.

Presently, I am stationed at Camp Lejeune, NC. I expect to be here until September 2005. After that I will return to my occupational health practice in Bay City, MI.”

Myron Gasiorowski (BS Geology 93, MS Geology 96) – is Asbestos Lab Supervisor for TTL Associates, Inc. in Toledo, Ohio.

Lindy Hartley (BS Geology 00 and MS Geology 2004)

– is still with Atlantic Richfield/British Petroleum in Butte, Montana. She writes, “I hope things are going well for all of you. Just thought I'd drop a quick note as I have some news. Dan asked me to marry him last week on our annual float trip...and I said yes. We're getting married next July (2006) in Montana. The last year has been crazy busy and next promises to be even more so. I bought a house in Butte, and now have a Yorkie. Dan and I do a lot of kayaking and floating in the spring/summer. I've been working on my stained glass lately because my friend Julie and I are entering the farmer's market in Bozeman this summer. Plus, it will keep me busy when Dan leaves on fires. He's with the Forest Service Wildfire Crew. Work keeps me busy as well. I'm going to London in a month for a conference and my mom is meeting me there to see the sights. Next year I may do some short job rotations and I'm hoping to work in the BP Toledo refinery for a couple of weeks. I may also spend some time in Alaska. Keep me updated with your lives and I'll do the same.”

Carl Hopfinger (BS Geology 70, MS Geology 74) – is the Plant Operator for the Port Clinton Wastewater Treatment Plant. He lives in Port Clinton, Ohio.

Roman Ianev (BS Geology 98, MS Geology 01) – in Varna, Bulgaria, writes, “The news around me is that after being for one and a half years in the environmental consulting business I am back in the oil industry. Presently I work in the Bulgarian office of Melrose Resources Ltd. - a small independent oil company based in Edinburgh, UK. The company is engaged in the exploration and production of oil and gas in Bulgaria, Egypt and the USA. I am involved in the 3D seismic interpretation, basin analysis, defining prospects etc. for offshore Bulgaria. I just came back from a two-week field trip. It was great to get out and do some field work. My wife, Dilyana, graduated with a degree in Economics in March and is now

looking for a job. Apart from this we enjoy daily life, do some traveling and...life is good to us.”

Jim Jackson (BS Geology 66) in Toledo, Ohio, writes, “I am retired after 32 years of teaching earth science. Cindy and I have been married almost 41 years and have 5 children and 4 grandchildren with one more on the way. We have enjoyed traveling several times a year and we spend a lot of time with our family. All of our children live in the Toledo area except our youngest, Jessica. She will graduate from Notre Dame Law school in May and move to Dallas. I would very much like to hear from classmates from so long ago.”

Mihai Lefticariu (MS Geology 97) – received his PhD in geology at Northern Illinois University in 2004 and has recently returned to Toledo, Ohio, where he now works as an Environmental Technician for TTL Associates, Inc.

Jim Luppens (BS Geology 68, MS Geology 70) – in Reston, Virginia, writes, “After 30 years with Phillips Coal/Petroleum, the ride ended. I took the layoff package and, fortunately, the USGS was recruiting me at the same time so I am now in Reston, VA. I head up the US Coal Assessment Program with our main task being an inventory of the remaining recoverable coal in the US. I also have an office in Denver as half of the team I manage is there so I’m out in Denver every 6 weeks or so. Greg Spanski [a former UT geology professor; see next section] is in the adjacent building in the Denver Fed Center so I see him occasionally. Ironically, Tim Rohrbacher [BS Geology 66, MS Geology 68], another UT Geology alum is also with the USGS in Denver and is working for me on the coal assessment team. The coal industry is a small group and everyone seems to be recycled periodically. Glad to see the department at Toledo continues!”

Barry Muller (BS Geology 85, MS Geology 92, PhD Biology/Ecology 04) – is Principal Radiological Engineer with Detroit Edison’s Fermi 2 nuclear power plant in Newport, Michigan. He writes, “2004 was a banner year: finished my PhD [in the EEES Dept.] and moved the family into a much-needed, larger home. I plan on presenting some of my research findings this year.”

Chris Plymale (MS Geology 99) – is Senior Environmental Scientist with the US Environmental Protection Agency - Region 4, Watersheds

Management Office in Atlanta, GA. He lives in Cumming, GA, and writes, “Amber and I recently bought a southern traditional red-brick house approximately 35 miles north of Atlanta. The hour-plus commute each way is a bit much but we love being out in the country with plenty of space. To integrate all the water programs here at EPA Region 4, the Water Management Division recently reorganized to form the Watersheds Management Office. I was selected to be the Alabama Water Programs Workgroup Lead, which means I’m coordinating all of the watersheds activities for the state. We’re hoping to achieve watershed protection and restoration with other federal, state, and local agencies through TMDLs, NPDES permitting, Non-Point Source projects and numerous other regulatory and voluntary programs. The EPA is great because it is a continuous (paid) education. Our latest addition to the house is “Teapot,” a small (stout like a teapot) gray and white long-haired domestic kitten who was apparently “dropped off” in our yard and never left. She’s getting along quite nicely with our other two cats, Madison and Mabel. Amber is a medical assistant for Atlanta Neurology, a large firm in the Medical Center area of north Atlanta, and is enjoying it...other than the commute. We like to spend time at home decorating and landscaping, but this coming week we’ll celebrating our 5-year anniversary at a famous beachfront resort and spa in Miami Beach, and doing some boating and snorkeling off the Keys. Hope you all (alumni and professors) are well.”

Jim Raab (BS Geology 82) – is a Hydrogeologist with the Ohio Department of Natural Resources, Division of Water, in Columbus, Ohio. He writes, “I am still with the Ohio DNR. We have been putting most of our maps and reports online. All of the county ground water resources maps and approximately 40 of the county pollution potential maps can be viewed and printed at www.dnr.state.oh.us/water/maptechs/. For you GIS people, check out the Department’s GIMS site to download ground water and other environmental files at www.dnr.state.oh.us/gims/. In December 2005 we will have a much improved well log search process as well as an on-line well log data entry process for you consultants who sometimes have to file well logs.”

Alan Resnik (MS Geology 84) – in Columbus, Indiana, writes, “April marks my seventh year at Cummins in the Environmental Affairs Department. I joined the company just before a temporary freeze was put in place on new hires and subsequently went

through several very tough years. We celebrated a record-setting year for the business in 2004, however, and 2005 is looking good as well. I have been visiting our manufacturing sites and recently (March) returned from a trip across India. I will also visit China in November-December. Outside of the business and cultural aspects of these trips, I'm of course interested in the geology and biology. I was in the heart of zeolite country in India but came away empty handed. Lots of exposed basalt in the west and schists in the east. Although I missed the zeolites I did visit a botanical garden where I got to see some interesting birds, insects and plant life. I also did some mineral shopping in Brazil last year but was unable to visit the undeveloped areas to go snake hunting. My next time around at these locations I'm going to have to set some time aside to get into the wilds. Columbus, IN has about 38,000 people and is surrounded by rural areas. After seven years here, Kyle and Emily (13 and 10, respectively) have little memory of having lived in Ohio. My wife Denise still misses the Colorado climate, but this year marks her 18th year in humid country. We have access to Indianapolis, Bloomington, Cincinnati and Louisville, but on a day-to-day basis avoid the city traffic hassles that I never learned to deal with gracefully. We have a fine state forest just to the west (Brown County) and a wetland/wildlife refuge just south of here where I do most of my reptile and amphibian hunting. I was part of a blues band for a year or so that unfortunately is no longer together. It was great fun while it lasted. I'm trying to play guitar enough to keep the callouses on my fingertips. All-in-all, things are going well. I was sad to hear about Dr. Kneller. I have fond memories of him and my experiences as a U.T. geology student in general. Glad to see that the Department is still growing. I welcome contact/visits by any alums so inclined."

Joseph Sheahan (BS Geology 75, MS Geology 77)
– is President of Ground Water Solutions, Inc. in Lansing, Michigan.

Angela Smous-Moeller (BS Geology 91) – in Bremen, Indiana writes, "I've missed responding to at least a couple of previous newsletters. I'm blaming being pregnant and/or nursing for the last 5 years! it's hard to believe I use to be a project manager and now I can barely manage to keep up with laundry! My husband Steve and I have a 5 year old (Ben), a 3 year old (Sydney) and a 9 month old (Pete). Michelle Glowacki-Borkowski [UT BS Geology 92] and I managed to have our last children a week apart.

When I go back to work, I think I'd enjoy some type of environmental sales or public relations position. I enjoy talking too much to sit behind a desk and write reports all day long. It will probably work out best to help out with my husband's business in the long run. I'd love to get back in touch with some old classmates (you know who you are!) – 574-231-9950."

Shelley (formerly Spera) Semler (MS Geology 04)
– lives in Tucson, Arizona, and writes, "I am proud to announce that I actually finished my master's thesis in June 2004 and have my degree proudly hung in my home office. I also recently got married (June 10, 2005) to Edward Semler. We had a beautiful sunset wedding in Tucson, AZ. Ed is a Master Sergeant in the US Air Force. I am currently employed in the University of Arizona Office of Student Financial Aid."



Shelly (Spera) Semler with her husband Ed on their wedding day.

Brian Shadbolt (BS Geology 84) – in Toledo, Ohio, writes, "in June 2001, I returned to TolTest, Inc. (I had previously been employed there from 1987-1993) to take a Project Manager position in the Federal Services Department. Our department does work at US Government facilities all over the world, primarily supporting Air Force and Navy facilities. We do traditional environmental work and also traditional construction projects. Most of my projects are in Spain, Iraq (we support the Iraq reconstruction program), and San Diego, CA. I have not traveled

overseas for my work but I have been to San Diego a number of times. My kids (Nathaniel and Alyssa) are growing up all too fast. Our oldest is 14 and our youngest is 11. Whether or not either of them are budding geologists I don't know but they both look forward to visiting the Toledo Gem & Mineral Show each year. We always visit the table that the department has there as well as the other exhibits. The kids particularly enjoy purchasing geodes in their raw form and then opening them up to see what's inside. My wife Judi, who is also an alumna of UT (Education '84), is taking summer classes at UT this year to keep her teaching certificate current. Quite a bit of our non-working time is spent at the church we attend. Judi sings in the church band and works in the nursery, and I work the computer for our services and also help out with the Youth Group. I try to make it to campus a couple times each fall to catch a UT football game. I remember my times at the department fondly and wish you all success."

Lance Turley (MS Geology 92) – is Senior Project Manager/Director with Hull and Associates Inc. in Mason, Ohio. He writes, "I still work for Hull & Associates. The company has expanded from 13 employees when I hired on with the firm expanding to approximately 180 employees and several affiliates today. I am busy managing environmental assessments and cleanups at industrial brownfield properties. I also attempt to manage a technical practice and professional personnel from my car."

Nickolas Valenburg (MS Geology 73) – is Vice President of Arcadis Inc. in Melville, New York.

H. Thomas Walsh (MS Geology 90) – is Project Manager for Civil & Environmental Consultants, Inc. in Pittsburgh, Pennsylvania. He writes, "Susie, Alec and I are still in Beaver, PA and everyone is doing well. Alec is almost 6 and in kindergarten and still loves his rocks and fossils. Professionally, Civil & Environmental Consultants continues to do well despite the efforts of all the UT grads working here. We have eight offices now from Pittsburgh to St. Louis and we are always looking for good geologists"

Roger Well (MS Geology 90) – is Vice President of Enfos, Inc. in Sugar Grove, Illinois. He writes, "After 12 years of environmental consulting with Handex Environmental, Inc., I left to join Enfos, Inc., a startup software company, in 2001. Enfos is a software development company that specializes in

web-based, enterprise software for environmental data management, compliance management, and overall project management. Enfos is based in the San Francisco bay area, however, I am able to work from my home office in the Chicago suburbs. I would enjoy hearing from my UT friends."

Chiahsin (Charlie) Wu (MS Geology 79) – writes from Jakarta, Indonesia, "I currently am the Vice President and General Manager of Petroseilat, an oil company founded by Chinese, Indonesian and Malaysian partners, and operates in Indonesia. I also serve as the Chief Operating Officer of International Mineral Resources Inc. (Malaysia). My prior employment includes 23 years with ARCO, Core Laboratories, and US Department of Energy. I have also spent 17 years in teaching basin modeling, reservoir geophysics and geostatistics, and supervising graduate students at University of Indonesia, Bandung Institute of Technology and University of Texas (Dallas). I received a B.S. from National Taiwan University, M.S. from University of Toledo (Ohio), Postgraduate diploma (Business Administration) from DeMontfort University (UK), and Ph.D. from University of Texas (Dallas). My daughter, Alice, is attending Michigan State University, and my son, Dennis, plans to attend university either in California or Texas next year."



Chiahsin Wu (at left) with EEES students Brian Darby and Abby Norton, and EEES departmental secretary Stephany Mikols during a visit in 2004.

Cindy (formerly Everman) Young (BS Geology 84) – is owner of Hourglass Home Impressions in Whitehouse, Ohio. She writes, "I've started a new business and it has absolutely nothing to do with geology. I help people prepare their houses when they're ready to sell so they can get top dollar and sell it much quicker. I love organizing and this sure

keeps those skills sharp! I do try to incorporate geology into my kid's lives by visiting road cuts, mountains and other geologic features on vacation. Their excitement will never measure on a Richter scale but occasionally I do get a monotone "Oh, cool" out of them. I'll keep working on them! They are 17 to 9 years old now – 3 boys and 1 girl. I just love reading about how everyone is doing and keep all of my old issues. So many success stories! Keep up the good work and best of health to everyone. Call me, I'd love to connect with my old friends (419-877-1090)."

Mark Zakrzewski (BS Geology 89, MS Geology 93) – is a 'certified professional geologist' with Hull and Associates Inc. He has been with the company for 14 years and manages its Toledo and Cleveland, Ohio offices.

Don Zuch (BS Geology 82, MS Geology 86) – is President and Principal Geologist of GEC, Inc. in Pittsburgh, Pennsylvania. He writes, "All is well here in Pittsburgh. The business is growing and so is the family. GEC has about 30 full-time employees now, which is quite a change from just 1 back in 1997. Best regards to everyone and friends are always welcome in Pittsburgh."

FACULTY NEWS

In this issue of the Newsletter we are focusing on those faculty members who either took positions elsewhere or retired from the University of Toledo. Below is a list of all former full-time faculty members ('faculty alumni') in the old Geology and EEES departments. The years they worked at UT are given in parentheses.

William S. Carlson (1958-1972): retired in 1972 and moved to Florida where he passed away several years ago. Before assuming the Presidency at Toledo University, as it was then known, in 1958, he was President of the SUNY system and a geologist of international repute. In addition to serving as President, he taught glacial geology in the department. UT's Carlson Library is named in his honor.

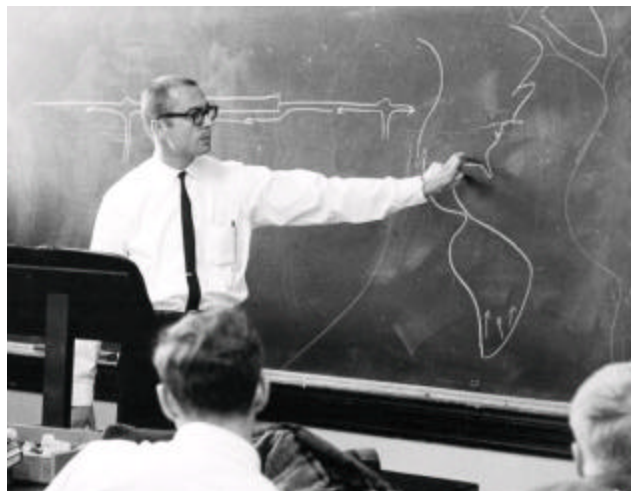
William A. Kneller (1961-1989): retired and lived in Sylvania, a suburb of Toledo, OH, until his death in September 2002. Bill was hired by President Carlson in 1961 to establish a geology department. Bill founded and led the Department of Geology, serving as its Chair for nearly 25 years during which time the department grew and thrived.

Charles F. Kahle (1963-1965): taught at Toledo briefly before joining the faculty in the Department of Geology at Bowling Green State University where he subsequently served as department chair. He retired in 2000 and continues to live in Perrysburg, OH.



Bill Kneller with students (l. to r.) Mike Belsito ?, Dava Mustafaga and Amy Demasi (now Newell) about 1987.

Craig B. Hatfield (1964-1999): after a 35-year career at Toledo, that included an Outstanding Teacher Award, he retired and continues to live in Toledo, OH (see below for more).



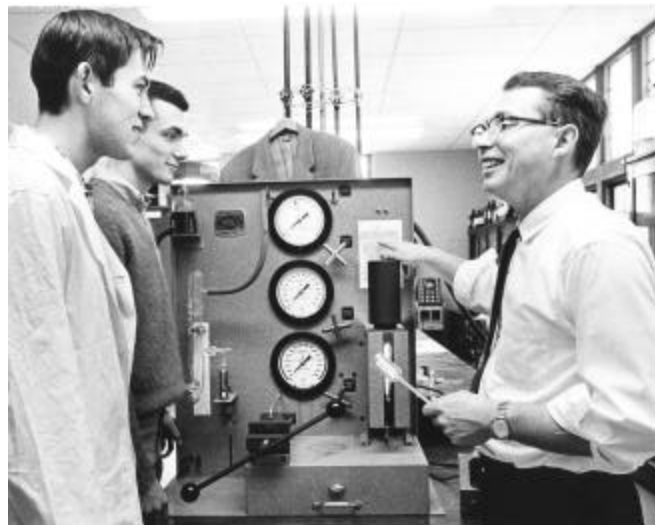
Craig Hatfield in the early 1970's.

John T. Wilband (1965-1975): after leaving Toledo, taught in the Department of Geological Sciences at Michigan State University in East Lansing, MI, where he remained until his death in May 1989.



John Wilband in the early 1970's.

George Kunkle (1966-1972): worked as a hydrogeologist for various environmental consulting companies, and later formed his own firm G. R. Kunkle and Associates Inc. in Brighton, MI. He retired as President of the company in 1996 and now lives in Newport, NC.



George Kunkle (r.) with students Duane Winegardner (l.) and Jeff Shafer (m.) about 1970.

Stuart L. Dean (1967-1993 full-time to 2000 part-time): retired and living both in Toledo and near Morgantown, WV (see below for more).



Stu Dean in the mid-1970's.

Gregory T. Spanski (1968-1975): went to work for the U. S. Geological Survey in Denver, CO. He is still there according to UT alum Jim Luppens (see his comments in the section above).

L. James Charlesworth (1969-1979): became a geology professor at the University of Houston at Clear Lake, TX, and later worked as an exploration petroleum geologist in Texas and then Kentucky. His current whereabouts and situation are unknown.

John W. Shade (1969-1979): went to work for Battelle Pacific Northwest Laboratories in Richland, WA. Last we heard he is still with Battelle.

Darrel E. Dunn (1972-74): moved to Montana where he worked for many years in hydrogeology for a number of consulting companies, and later moved to Florida where he continued to work in hydrogeology as a consultant for Broward County.

Lou Glatzer (1973-1999): retired and splits his time between residences in Toledo and rural Michigan. He retired before EEES was formed but he has been, and continues to be, an enthusiastic supporter of the Department to the extent that he applied (successfully) to have his Professor Emeritus appointment moved to EEES.

Lon C. Ruedisili (1974-1993): retired and moved to Wisconsin where he and his wife went into business for themselves (see below for more).



Lon Ruedisili in the early 1980's.

Bryson Trexler (1975-1977): after a brief stint in Toledo, moved back West for several years working in the environmental industry, before accepting a faculty appointment at East Carolina University in Greenville, NC. However, for the past 20 years or so, he and his wife Shirley and children (now grown) have lived in Cary, NC where he works in the environmental industry as a hydrogeologist.

Robert L. Sinsabaugh (1993-2002): resigned to accept a faculty appointment in the Department of Biology at the University of New Mexico in Albuquerque. He still collaborates on research with several EEES faculty members.

Deborah A. Neher (1996-2004): left to Chair the Department of Plant and Soil Science at the University of Vermont in Burlington.



Geology faculty in the mid-1970's: from l. to r. standing Mike Phillips, Jim Charlesworth, Mark Camp, Bryson Trexler, Stu Dean and John Shade; and from l. to r. seated Craig Hatfield, Bill Kneller and Lon Ruedisili.



Geology faculty in the mid-1980's: from l. to r. standing Lon Ruedisili, Stu Dean, Don Stierman, Jim Harrell; and from l. to r. seated Craig Hatfield, Mike Phillips, Max Brown, Bill Kneller and Mark Camp.

The Newsletter editor has had conversations with some of the more recently retired faculty members and here is what he learned. Lon Ruedisili and his wife Sue split their time between the two farms they own in Wisconsin, both on the Mississippi River and about 25 miles apart. Their 900-acre Copper Creek Farm is near Ferryville and their 342-acre Romance Farm is near Genoa. Both have well-stocked trout streams with some of the land rented out for farming. Lon recently received grants from the Natural Resources Conservation Service for improving the trout habitat in these streams, and for restoring prairie vegetation on the Copper Creek Farm. From 1994 to 2002 Lon and Sue had a gemstone business but, after being robbed by a Columbian gang, decided to try something less risky. In 2004 they started a new company, Princely Pieces Inc. (see

www.princelypieces.com), which imports and restores Mughal (a.k.a. Mongol) art and artifacts, dating from the 16th through 19th centuries AD, from throughout southern Asia. They are counting on there being a market for these items with museums, collectors, and interior decorators. When not scouring southern Asia for things to sell, Lon and Sue have been visiting much of the rest of the world.

Even though he is now 71 years old, Stu Dean still does geological fieldwork in his beloved West Virginia, and is still publishing open-file reports and structural geology maps through the West Virginia Geological Survey. He also continues to co-supervise the occasional masters thesis with one of his students, Brian Mitchell, recently graduating (see 'New Alumni' section below). Since Stu's father-in-law's health declined, his wife, Ella, spends her time caring for him, so when not in Toledo or in the field, Stu stays at his father-in-law's farm near Morgantown, WV. Stu continues to do map and cross-section work in his basement laboratory in Bowman-Oddy, and so happily is still very much in evidence around the Department.

Craig Hatfield and his wife, Nancy [who received her PhD in Ecology from EEES in 2000], have been spending much of their time traveling around the US and have even made it over to Japan. They have also

been volunteering their time for charitable work, including teaching disabled children how to ride horses, teaching advanced reading skills to gifted children in the 1st through 3rd grades, and working through their church to fix up an old apartment building for low-income housing. They are also both avid home gardeners. Craig is especially proud of his three children: Andy is a paramedic in the Ann Arbor area, Adrian is a Professor of Art at Wayne State University, and April is a Professor of History at Texas A & M University.

Ron Gallagher was an adjunct professor in Geology/EEES from 1978 to 2003. He is currently working on a PhD degree in geological engineering in the Department of Geological Sciences at the University of Missouri in Rolla. He has finished his coursework and is now well into his dissertation research in Nebraska, which concerns the use of wind turbines to generate electricity in order to power groundwater remediation equipment. Ron's son, Benjamin, was also at UT until recently where he had a dual major in geology and civil engineering. Ben finished the engineering BS and, had it not been for an unwelcome foreign language requirement, would have also finished his geology BS. He is now at UM-Rolla and working on his MS degree in geological engineering.

PAPERS PUBLISHED BY EEES FACULTY SINCE SPRING 2004

[EEES faculty in bold and EEES students underlined]

Harper, K. A., S. E. MacDonald, P. J. Burton, **J. Chen** plus 6 others, 2005, Edge influence on forest structure and composition in fragmented landscapes. *Conservation Biology*, v. 19, n. 3, p. 768-782.

Shaw, D. C., **J. Chen**, E. A. Freeman and D. M. Braum, 2005, Spatial and population characteristics of mistletoe-infected trees in an old-growth forest. *Canadian Journal of Forest Research*, v. 35, n. 4, p. 990-1001.

Ma, S., **J. Chen**, J. R. Butnor, M. North, E. S. Euskirchen and B. Oakley, 2005, Biophysical controls on soil respiration in dominant patch types of an old-growth mixed conifer forests. *Forest Science*, v. 51, n. 3, p. 221-232.

Zheng, D., **J. Chen**, A. Noormets, J. Le Moine and E. Euskirchen, 2005, Effects of climate and land use on landscape soil respiration in northern Wisconsin, USA: 1972-2001. *Climate Research*, v. 28, p. 163-173.

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EEES faculty, affiliated researchers and students made news on campus and regionally at the annual meeting of the "International Association for Great Lakes Research" in Ann Arbor, May 23-27, 2005. We gave the most presentations, 15, of any institution participating except for the one sponsoring the conference, the University of Michigan. The EEES presentations included the following papers [note: EEES faculty are in **bold**, EEES-affiliated researchers are in *italics*, and EEES students are underlined]. (1) Rachel Lohner and **Christine Mayer**: Effects of Dreissena clusters on the benthic microbial community of Lakes. (2) Catherine Buchanan and **Alison Spongberg**: Feasibility study to determine use of Toledo Harbor dredge material for mitigation of heavy metals. (3) Tim Johnson and **Carol Stepien** plus others: Stock discrimination of Lake Erie walleye – A mixed stock analysis contrasting genetic techniques. (4) **Von Sigler**: A library- vs. community-based assessment of structural differences in Escherichia coli populations in freshwater and sediment. (5) **Daryl Moorhead** and *Thomas Bridgeman*: Changing water quality in Maumee Bay 1974-1999. (6) **Carol Stepien** and *Rex Strange*: Population genetic structure and geographic patterns of smallmouth bass in the Great Lakes. (7) Joshua Brown and **Carol Stepien**: Temporal and spatial genetic comparisons of the zebra mussel across its North American invasion versus Eurasia. (8) *Rex Strange* and **Carol Stepien**: Patterns of genetic variation among walleye spawning stocks in the Great Lakes region. (9) *Thomas Bridgeman*: The Microcystis blooms of western Lake Erie (2003-2004). (10) **Christine Mayer**: Benthic primary production in Maumee Bay, western Lake Erie: Green lake, brown bottom. (11) Amber Lahners and **Tim Fisher**: Climate signals and the constraint of the Nipissing transgression in the Michigan basin. (12) Matthew Neilson and **Carol Stepien**: New identity of the tubenose goby from the Great Lakes and Eurasian waterways. (13) Oswaldo Sepulveda-Villet and **Carol Stepien**: Population genetic structure of yellow perch in the Great Lakes – a comparison with eastern North American populations. (14) **Alison Spongberg** and *Kevin Czajkowski*: Affects of biosludge application to a farm field in northwest Ohio on nutrient, organic carbon, and heavy metal levels. (15) *Kevin Czajkowski*: Development of satellite turbidity product for Lake Erie

NEW ALUMNI (since the Spring 2004)

Baccalaureate Students

MAY, Branden	BS Environmental Science	August 2004	
BUSCH, Zachary O.	BS Environmental Science	August 2004	
BLISS, Deanna	BS Environmental Science	August 2004	
BAILEY, Jamie E.	BS Geology	December 2004	
GOETZ, Brent	BS Environmental Science	December 2004	
WEIDEL, Rebecca	BS Environmental Science	December 2004	
GALLANT, Patricia	Interdepartmental BS Geophysics	May 2005	Magna Cum Laude, College & Departmental Honors
GILLIG, Seth	BS Environmental Science	May 2005	
SAWYER, Kyle D	BS Environmental Science	May 2005	Cum Laude
THOMAS, Meredith	BS Environmental Science	May 2005	
SAUNDERS, Joshua	BS Environmental Science	August 2005	
SEIFERT, Matthew	BS Geology	August 2005	

Graduate Students

ARCEO, AMANDA (MS Ecology, 2005)

Thesis: "The impact of a small dam on fish community composition and structure in the Ottawa River, Ohio"
[adviser: J.F. Gottgens]

BARNSWELL, KRIS (MS Ecology, 2005)

Thesis: "Survey of naturally developing vegetation on an inactive landfill in northwest Ohio" [adviser: D.F. Dwyer]

CONCILIO, AMY (MS Ecology, 2005)

Thesis: "Interannual variability in soil respiration and response to experimental burning and thinning in an old growth mixed-conifer forest" [adviser: J. Chen]

HARTLEY, LINDY (MS Geology, 2004)

Thesis: "Characterization of a heavy metal contaminated soil in Ohio for a phytoremediation project" [adviser: A.L. Spongberg]

HERMAN, JOHN (MS Ecology, 2005)

Thesis: "Herpetofaunal communities in agro-ecosystems: the effect of farm management style" [adviser: E.J. Tramer]

LEMOINE, JAMES (MS Ecology, 2004)

Thesis: "Soil respiration of three chronosequences in Chequamegon National Forest" [adviser: J. Chen]

MCLAUGHLIN, MELANIE (MS Ecology, 2004)

Thesis: "Effects of the Toledo Ohio Metroparks on stream quality and fish community structure" [adviser: E.J. Tramer]

MITCHELL, BRIAN (MS Geology, 2005)

Thesis: "Identification and mapping of Greenland Gap (Upper Devonian) units on the eastern limb of Sideling Hill syncline, Hampshire, Hardy and Morgan Counties, West Virginia" [co-advisers: S.L. Dean and M.J. Camp]

ROFKAR, JORDAN (MS Ecology, 2005)

Thesis: "Arsenic accumulation by plant species selected for growth in northwest Ohio" [adviser: D.F. Dwyer]

RYU, SOUNG-RYOUL (PhD Ecology, 2005)

Dissertation: "Effect of disturbances on fuel loading, fire-mosaic, and interactions in managed forest lanscape" [adviser: J. Chen]

SOKOLOSKI, PETER (MS Geology, 2005)

Thesis: "Sedimentology and ichnology of Late Cambrian to Early Ordovician Skolithos Sandstone in the Deadwood Formation, northern Black Hills, South Dakota, and southeastern Bear Lodge Mountains, Wyoming" [co-advisers: J.A. Harrell and V.M. Brown]

SPERA, SHELLEY (MS Geology, 2004)

Thesis: "Metal and pesticide preservation in the Winous Point Marshes, Sandusky, Ohio" [adviser: A.L. Sponberg]

TRAN, SUSAN (MS Ecology, 2004)

Thesis: "Habitat selection by two native turtle species in a Lake Erie wetland" [adviser: D.L. Moorhead]

RECENT GIFTS AND DONATIONS

Dr. Curtis D. Black

Mrs. Marilyn C. Black

Andrew J. Taddei

Lou A Bertoli, BA '77, MS '82

Mrs. Bonnie Taylor

James Kralik III, MS '92

Ernest Fink

Toledo Gem & Rockhound Club

Norm Heydinger

Ms. LaVerne Simerale

Mrs. Olga Kneller

Carl L. Hopfinger, MS '74

Matthew Cousino, MS '86

Michael T. McGee, BS '64

Frank L. Majchszak, BS '70, MS '74

Arthus J. DiPlacido, MS '80

Kent O. Starrett

Mrs. Dianne Sun

Terrence G. Perris

Nicholas Valkenburg, MS '73

W. Lance Turley, MS '92

Charles E. Ashley

Mrs. Amy S. Wilt, BS '96

C. Jim Lagrou, BS '83

Marc S. Silverman, MS '75

Clark L. Scheerens, MS '79

Ned R. Dunkin, Jr., MS '82

Dr. Timothy L. Walters, PhD '04

Michael L. Watkins, BS '83, MS '86

Ms. Laura L. Burnett, MS '00

Mrs. Andrea Walters

Ms. Joyce S. Dunkin, MS '81

Devon Energy Corp. (match for Lou Bertoli)

Bonnie M. Sampsell

MISSING ALUMNI

BA/BS & BA/BS+MS Recipients

Kraus, Edward F. - BS 65
 Floyd, Jack C. - BS 67
 Shafer, Jeffrey D. - BS 67
 Stroganoff, Robert - BS 67
 Estelle, Duane - BS 67
 Bruning, James E. - BS 67, MS 69
 Estelle, Duane - BS 67
 Umlauf, James R. - BS 68
 Luppens, J.A. - BS 68, MS 70
 Hamilton, David C. - BS 69
 Kaufman, William H. - BS 69
 Smith, Richard C. - BS 69
 Syvert, Raymond J. - BS 69, MS 73
 Horvath, Terry M. - BS 70
 Leflet, David H. - BS 70
 McCown, Michael W. - BS 70
 Dunham, John B. - BS 71
 Gibbs, Calvin H. - BS 71
 Taylor, Larry E. - BS 71, MS 74
 Fraute, Enrique D. - BS 72
 Gonzalez, Franklin - BS 72
 Kruth, Marc C. - BS 72
 Meyers, James B. - BS 72, MS 74
 Mielbeck, Robert - BS 72
 Sweney, Susan T. - BS 72
 Szelagowski, Gerald - BS 72
 Thompson, Charles - BS 72
 Schneider, Ron - BS 73, MS 75
 Perkins, C. Michael - BS 73, MS 74
 Eleftheriou, Panayotis - BS 74
 Heing, Arthur J. - BS 74
 Madej, Thomas - BS 74
 Lopez, Raymond J. - BS 74
 Baumgardner, James E. - BS 75
 Studer, Roger C. - BS 75
 Cordas, John J. - BS 75, MS 77
 Dutcher, Bruce J. - BA 76
 Fortuna Raymond - BS 76
 Sutton, Patricia (Chalmers) - BA 76
 John Cordas - BS 75, MS 77
 Szumigala, Amy L. (Mohler) - BS 76
 Amy E. Taylor (Klimo) - BS 76, MS 83
 Basile, L. Loraine (Allison) - BS 77
 Polcyn, Carl E. - BS 77

Shoemaker, Robert L. - BS 77
 Weekly, Marlyn - BA 77
 Barton, Mark A. - BS 79
 Kammeyer, Kendra A. (Zink) - BS 80
 Swanson, Mark H. - BS 79, MS 87
 Zink, Lawrence A. - BS 80
 Sares, Matthew A. - BS 81
 Starkey, Michael J. - BS 81, MS 85
 Taylor, Matthew J. - BS 81
 Napierala, Annette - BA 84
 Kassaie, Mohammad N. - BS 85
 Lakhlani, Nilesh - BS 85
 Bakar, Basri B. - BS 86
 Khan, Waseem A. - BS 87
 Sedlak, Kevin M. - BS 88, MS 94
 Joel Johnston - BS 89
 Fisher, Robert R. - BS 90
 Covrett, Thomas R. - BS 91
 Thorbjornsen, Karen - BS 91
 Mark J. Augustyniak - BA 92
 Darus, Muhammad - BS 92
 Swartz, Brian - BS 92, MS 94
 Hooker, James - BS 93
 Koenigseker, Aaron D. - BS 93
 Langenderfer, Eric - BS 93
 Heuberger, Joel - BS 94
 Jessica Hickey - BS 99
 LaSalvia, Matt - BS 01
 Peterson, Michelle - BS 00

MS only Recipients

Johnson, Russell P. - MS 69
 Oddo, John E. - MS 71
 Sherif, Nasreddin - MS 71
 Copley, David L. - MS 71
 McLin, Stephen G. - MS 73
 Burke, Michael R. - MS 73
 Burgett, Thomas L. - MS 74
 Kuntz, Michael G. - MS 74
 Meyers, James B. - MS 74
 Weis, Lawrence A. - MS 74
 McBride, Robert T.J. - MS 75
 Armstrong, William B. - MS 76
 Clark, Karen A. - MS 76
 Folkoff, Donald W. - MS 77
 Turner, William S. - MS 77
 Koechlein, Harold D. - MS 77

Bienkowski, Henry G. - MS 78
Killberg, Glen C. - MS 78
McAvey, Michael B. - MS 78
Venturoli, Katherine A. - MS 78
Gindlesperger, Gary D. - MS 79
Reimann, Martha Campbell - MS 79
King, Mark G. - MS 79
Behbehani, Abdulsamee S.K. - MS 80
Coon, Cathy A. - MS 80
Tsai, Louis L-Y. - MS 80
Hancsak, Lynn J. (Eller) - MS 82
Hoover, John A. - MS 82
Krywany, Joseph M. - MS 82
Kreutzfeld, James E. - MS 82
Kose, Celal - MS 84
McLaughlin, Jeff - MS 84
Lewis, Amy H. - MS 85
Mohd-Nurin, Abdul R. - MS 86
Hjelias, Mohd R. - MS 87
Madigan, Terrence J. - MS 87
Baggett, Stephen M. - MS 87
Wolberg, Kathryn E. (DeVencia) - MS
87

Kihn, Gary E. - MS 88
Mary King - MS 88
Ellison, Andrew B. - MS 88
Ezerskis, John - MS 89
Kragbe, Boniface G. - MS 89
McMahon, David - MS 90
Walsh, H. Thomas Jr. - MS 90
Bauzier, Abdulmunim D. - MS 91
Hume, David S. - MS 91
Darus, Muhyidin - MS 92
Smith, Phil - MS 93
Zhou, Xuming - MS 94
Brennan, Gregory J. - MS 94
Trytten, Brad - MS 95
Pieton, Patrick R. - MS 96

If you know the whereabouts of any of these missing alumni please notify either Stephany Mikols (stephany.mikols@utoledo.edu) or Jim Harrell (james.harrell@utoledo.edu).

What's NEWS With You?

Please fill out this page and mail it to "Department of Earth, Ecological and Environmental Sciences, University of Toledo, Toledo, Ohio 43606-3390" (using the enclosed business reply envelope) or FAX it to us at 419-530-4421. If you prefer, you can e-mail the information to Jim Harrell at james.harrell@utoledo.edu.

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