

The Shideler Shibboleth



MIAMI BULLETIN
OF THE MIAMI COLLEGE



MIAMI UNIVERSITY OXFORD, OHIO 45056

FROM THE CHAIR OF THE EDITOR'S DESK

ALUMNI AND FRIENDS' CONTRIBUTIONS

in Economic Geology and/or a symposium to be hosted by the Ontario Geol. Soc. entitled, "Gold '86". Jim extended a special "hello" to Drs. Baldwin and Limper.

Weiler, Peter D. (AB'82) - Peter is now with Weiss Associates in Berkeley, doing groundwater contamination investigations and remedial action, sampling, drilling, etc.

Whitaker, Kent Y. (ex. '85) - Kent now lives at 8820 Southwestern Blvd. #1021, Dallas, TX 75206.

Williams, Jeff (M.S.'79) - Jeff has nothing new to relate - he's still trying to find places to bury nuclear waste.

Yang, Jingzhi - (M.A.'48) - Jingzhi is the Chm'n. of the Chinese Program Committee for the 11th International Congress of Carboniferous Stratigraphy and Geology to be held in Beijing, China in Sept '87.

TO ALL OUR ALUMNI: If you did not find an insertion of news you submitted to our Department, please forgive us. The Shibboleth is going out a bit earlier this year and so we had an earlier deadline. Rest assured your contributions will be saved for next year.

MORE PHRASES I WISH I'D NEVER HEARD

"At this moment in time" - Name me a timeless moment!

"We're on the Cutting Edge" - This should be an ad for Band-aids.

"Go curdle your cream". - This I like to use when I hear any of the above.

be remembered, and even shopping list of the day recorded from an intercepted wifely (or husbandly) call.

We still like your calls, notes, and especially visits. Look forward to next year.

All ye who read this issue must know by these words that this publication would not be possible without the tireless and sterling efforts of Virginia Tobeson. Bless her heart!

SOMETHING FROM THE PAST

BRICE HALL BREEZE

Miami University
DEPARTMENT OF GEOLOGY
Oxford, Ohio

No. 1 : Spring 1949

"Where is So & So? What's he doing? Is he married yet? What's the latest dope on Miami, especially around Brice Hall?" Those are the questions we get most commonly from our graduates, especially since the war scattered us over the world.

With that in mind, we are starting a brand new project --- "The BRICE HALL BREEZE". Through this, we hope to contact you at least once a year, and act as sort of a clearing house for news of all the Gang, items of interest about Miami and Brice Hall, etc.; so help us make this a real success by keeping us informed about yourself! Also look over the enclosed list of graduates, and help us complete it if you can.

DEPARTMENTAL ACTIVITIES
Staff

Dr. Shideler carried the Department through handed, in as much as Brand was in Greenland with the Air Force also with the Air Force Limper

QUIPS AND QUOTES

His parents met through a computer dating club so they named their first son, CHIP.

FROM THE DESK OF THE CHAIR

The following is a brief description of the accomplishments and highlights of the Geology Department for the 1985-1986 academic year. I have arranged these items under the categories of Teaching, Research, Equipment Acquisition and Other Highlights.

Teaching - The Department made great strides in implementing its resolve to increase the quality and number of field opportunities we offer our undergraduate and graduate students. To this end, we implemented the following activities: resumption of the March trip to the Bahamas which had not been taken for several years; initiation of a summer field-oriented workshop on the rocks and fossils of the Cincinnati area; a field trip to the southern Appalachian Mountains as part of a graduate course in metamorphic petrology; a one-day field trip for undergraduate students in petrology to study the Borden delta deposits in Kentucky; and a major revision of the field program for our Wyoming workshop through a Fellowship for Improvement of Instruction. These additions supplement the seven other field opportunities that we traditionally offer each year.

The hard-rock curriculum at the graduate level has been significantly modified to eliminate duplication of material that had developed through the years. The new sequence of courses was implemented this year and student response indicates that the program has been very successful.

A major overhaul of the Geology 111 laboratory was accomplished this year. New and colorful displays were mounted on the walls and the teaching collections were improved in order to make the laboratories more rewarding for our students.

Research - As an indication of the research productivity of the Department, the faculty presented 19 papers at professional meetings. This places our Department at the top of the list of geology departments in the State with respect to the number of papers published per faculty member. Fifteen papers were published. A rapid tally of our graduate students indicates that at least 8 of them presented the results of their Master's or Ph.D. research at professional meetings.

Another indication of the growing respect that the Department has earned is its success in obtaining funding for research and equipment. Highlights in this area were the successful proposal written by Hart, Hughes and Mayer for funding from the Research Challenge Program (\$23,050 to study the geologic hazards as they relate to arc segmentation in the Cascade Mountains), a \$9300 proposal of John Hughes funded by NSF for the study of fumarolic vanadium minerals which have never before been described as occurring outside the laboratory, and \$25,000 from Texaco to Larry Mayer for research relating to land form development and modification due to plate motion. Equipment grants are discussed in

St. John, Richard A. (A.B.'56) - Rocky is a candidate for certification as IRS Enrolled Agent. He is still C. E. Officer of a public accounting firm in Colorado Springs, CO. Rocky vacationed in Ohio in '85 but due to time scheduling did not get to Oxford. He has attended many seminars regarding tax planning. Rocky, is that public accounting firm you referred to, the Comprehensive Business Services you referred to back in '81?

Stearns, Donald L. (A.B.'56, M.S.'57) - Don is Div. Mgr. for Advanced Systems Division of Digital Technology, Inc. in Dayton. His eldest daughter, Lisa, graduated from Miami in May '85.

Stewart, Robert H. (A.B.'43) - Bob now lives at 204 Tampa Downs Blvd., Lutz, Fl. 33549. He is retired, but is a research associate with the U. of S. Fla.

Stichtenoth, Craig W. (A.B.'75) - Craig is still Geologist for Denver Exploration Division, Texaco Oil, Inc.

Susong, Bruce I. (B.S.'54) - Sus is still Manager of Western Warehouse Woods Wire Products. He is founder and coach of the Silver State Striders Juniors, a nationally ranked running club and is very involved in coaching young runners in track and field and cross-country running.

Thompson, Bruce A. (M.S.'63) - Bruce wrote to say he and his wife were both surprised with a new child, Winston Edward, born 6/7/84. Their youngest at that time was 14. Bruce is still a geologic consultant for Skull Creek Oil Co.

Thompson, Dale R. (M.S.'63) - Dick gained two sons-in-law within three weeks last year. His daughter, Elaine, got married on Sept. 21 and daughter, Sally, got married on Oct. 12. Dick and Joan can now relax and enjoy life. Dick had a great trip to So. Africa back in '84 where he gave a paper at the NWWA meeting in Johannesburg.

Timbel, Ned R. (M.S.'78) - Ned is a senior geologist for Champlin Petroleum Company in Englewood, CO.

Van Hart, Dirk (M.S.'67) - Dirk is Exploration Manager for Occidental Exploration and Production Co. He, Darlene, and family moved to Quito, Ecuador for what could be a 4+ year stay. Dirk is involved in exploration in a block of acreage in the Ecuadorian Oriente (eastern jungle). He loves the work and the beautiful mountainous country.

Wahl, Robert (A.B.'80) - Bob is a "struggling" attorney for Blasingame, Forizs and Smiljanich in St. Petersburg. Good luck to you, Bob!

Walsh, James F. (A.B.'82) - James earned an M.S. from the U. of Mich. last Dec. He is a geologist for Moruya Goldmines (a small Australian company). They work in the northern Black Hills prospecting for gold. He's planning on publishing his M.S. thesis

Pagan, Gary (ex.'79) - Gary has a new job - application engineer with Intergraph Corp. - Houston, TX oil and gas applications. Gary has been recently divorced.

Rendina, Lise' A. (Dulin) (M.S.'84) - Lise' wrote to say she is working as a geologist/geochemist for Environmental Solutions, Inc. in Irvine, CA. and husband, Mike (M.S.'85), is working as a geologist for Irvine Consulting Group.

Riordan, Richard F. (A.B.'51) - Dick spent last winter's holiday season in northern Thailand with George Vandersluis (A.B.'63, M.S.'65) on a coal deposit study.

Roberson, John C. (A.B.'79) - Clay stopped by the dept. last August to say "hello" and chatted for quite awhile with Dwight Baldwin. He is still working with Maverick Consulting Geologists.

Rogers, Rebecca L. (B.S.'82) - Becky lives in Kent, OH now and she wants us to know that she got married on June 19, '82 to Larry J. Wayne.

Schneider, Thomas (A.B.'79) - Tom got his M.S. from Wright State in '83. He works for the Div. of Land Pollution Control in Indiana. He's mainly responsible for siting of landfills with respect to geology, subsurface design and groundwater monitoring. He thinks the job is very exciting. Tom is still considering Christian mission work involving development of groundwater resources in Africa.

Seaton, John K. (A.B.'35) - Jack sold his printing and publishing business last July and more or less retired. However, he has a country home with several acres of grounds and is certainly not without something to do. John's wife, Gladys, died in '83 and he still misses her.

Shropshire, K. Lee (B.S.'54) - Lee is on a sabbatical at the U. of Otago, Dunedin, New Zealand which started with the fall of '85.

Shump, Kenneth W. (A.B.'80) - Ken has a new address: 4850 156th Ave., N.E., Bellevue, WA 98052 (a suburb of Seattle). He has been a hydrogeologist with a consulting engineering firm (CHZM Hill) since '83. Tom Sale (A.B.'80) works in CHZM Hill's Denver office.

Smith, Robert D. (ex.'82) - Bob received an M.S. at N. Ill. U. and is now working with USEPA, Region V in Chicago. He works with Ladi Adenuga (M.S.'85). We understand Ladi has changed his first name to Jonathan.

Spinnler, Gerard E. (M.S.'79) - Gerard completed his Ph.D. in geology at Ariz. S. U. He is presently employed with Shell Development R. & D. Center at Houston, TX. His new home address is 3131 Hayes Rd. #308, Houston, TX 77082.

the next section of this summary.

Along these same lines, a proposal to Tenneco Oil Co. was successful in obtaining \$5,000 in support of the thesis and dissertation costs of our graduate students.

The growing stature of our faculty was recognized in many other ways during the past year. These include the many requests to be reviewers for proposals to NSF, reviewers for papers submitted to scientific journals and the appointment of Larry Mayer to a panel of the National Academy of Science.

In addition, we are both excited and pleased to be authorized to hire a full time laboratory technician to help with the operation of our geochemical facilities. This will greatly increase the research productivity of several of our faculty.

Equipment Acquisitions - This has been a good year with respect to the upgrading of equipment holdings. The following highlights these additions:

1. A direct current argon plasma spectrophotometer, NSF support, total cost approximately \$103,000
2. A Leeds and Northrup small particle analyzer (with Paper Science and Engineering), total cost approximately \$25,000.
3. An X-ray generator, NSF support, total cost \$24,000
4. An automated diffractometer system (with Chemistry), NSF support, total cost \$137,000
5. Seven new microcomputers for faculty and student use, a digitizer and associated software.

Other Highlights - A major milestone for the Department was the hiring of Karl Mertz for the sedimentology position left vacant by the retirement of Wayne Martin. Karl rec'd. his A.B. from Williams College in '72, a B.S. from the Univ. of Calif., Santa Cruz in '78, and his M.A. from the Univ. of Mass. in '80. Following his work at Massachusetts, he returned to Santa Cruz where he completed his Ph.D. degree in '84. Before coming to Miami, he worked for Sohio Petroleum Co. and for RPI Pacific, Inc., an earth-science consulting firm.

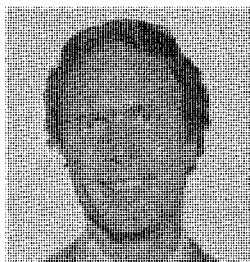
Karl's Ph.D. dissertation deals with the origin and depositional history of the organic-rich hemipelagic deposits of the Miocene Monterey Formation in the central California coast Ranges. From this work has evolved a major interest in the area of diagenetic and depositional aspects of fine-grained clastic and hemipelagic sediments. In addition to this research thrust, previous work has included the sedimentology, petrology and depositional history of nonmarine sediments of Triassic-Jurassic age in Nova Scotia and the sedimentology and geochemistry of limestones and

associated phosphorites exposed in the Negev Desert, Israel.

An additional bonus that the Department received upon hiring Karl was the appointment of his wife, Sarah Roeske, as Adjunct Asst. Prof. Sarah earned her A.B in geology from Middlebury College in '80 and is currently putting the finishing touches on her Ph.D. dissertation at the Univ. of Calif., Santa Cruz. Sarah's research interests are in the areas of metamorphic and structural geology particularly at ancient and currently active accretionary margins. This interest has led her to a Ph.D. topic on metamorphic and tectonic problems in an early Mesozoic suture zone on the Kodiak Islands in southern Alaska.

In addition to working towards completion of her dissertation, Sarah also holds a part-time position with the U.S.G.S. in Menlo Park, Cal. There she is involved in the construction of a deep crustal cross-section for southeastern Alaska, using background acquired from her dissertation as well as seismic and regional mapping projects acquired by the Survey over the years.

Needless to say, the Department is most excited at the prospect of these two young and dynamic geologists joining our staff.



Karl Mertz



Sarah M. Roeske

The Department's new members
to join the family
in 1986

Yet another milestone for the Department was the successful bid of Mark Boardman and John Hughes for promotion and tenure. Beginning next Fall, both will be raised to the rank of Associate Professor - a recognition well deserved! Congratulations to both!

Lindner, Robert F. (A.B.'51, M.S.'52) - Bob is Vice Pres. and Senr. Portfolio Mgr. for Citicorp Investment Management, Inc. After 15 years at the Commonwealth Edison Co. where he was Manager of Investments for their in-house managed, one billion dollar pension fund, he took early retirement and accepted the position with Citicorp. Both his children have now graduated from Miami, but his son, Bob, Jr. still lives in Oxford.

Lutz, Delbert H. (A.B.'49, M.S.'53) - Del now has a pilot's license and bought a plane, which he has been enjoying. His son, Fred, won the Okla. Golf Championship '85.

Maurer, Robert J. (A.B.'68, M.S.'74) - Bob is a General Partner with the Entrust Oil and Gas since Aug. '81. They have just had an office move. They bought a 50 year old house in Humble, TX. and remodeled it.

MacNaughton, David R. (M.S.'83) - Mac left Texaco USA in the Spring to become an independent consulting geophysicist. He finds it challenging to be on his own and much more rewarding.

Martin, Linda L. (Hudson) (A.B.'75) - Linda's Earth Science teaching career was temporarily interrupted by the arrival of a lovely daughter, Amanda Leigh Martin, on 2/24/85. Linda is enjoying her immensely.

Mazzone, Peter (M.S.'84) - Peter is working hard on a Ph.D. at the U. Mass. He said "hello" to everyone at Shideler.

McAloon, Anthony J. (A.B.'78) - Tony is now a marketing representative for Exploration Logging out of the "Cajun Capitol" of Lafayette, LA. He's enjoying eating crawfish and floating a pirogue down the Bayou.

Moore, Jean (Edwards) (A.B.'38) - Jean said they drove to New England and all through New Brunswick, Prince Edward Island and Nova Scotia, then down the east coast to Savannah, Brunswick and St. Simons Island on a 3-month trip last summer.

Morell, Douglas J. (B.S.'73, M.S.'78) - Douglas earned a Ph.D. in hydrogeology/hydrochemistry at the U. of Idaho. He is currently working for Golden Associates and does remedial investigations/feasibility studies at Super Fund sites and evaluation of geologic repositories for high level nuclear wastes.

O'Donnell, Veronica (Wancho) (B.S.'73) - Roni had a son last Nov.; Benjamin Joseph. She is very busy as a mother, graduate student and consulting geologist for several Philadelphia area firms.

Opalka, Richard B. (M.S.'80) - Dick's wife, Kathryn wrote a very newsy letter to the Dept. around Xmas time last year. It sounds like they are really enjoying their children, Matthew, Phillip, Kevin and Sandra. Kathryn mentioned that Dick had been promoted to Div. Geol. at the Okla. City office, but failed to give us the name of the company. Please write us a note, Kathryn, and fill us in with more details.

Johnson, Kathleen E. (A.B.'82) - Kathleen has earned her MS and will be attending Northwestern U. beginning this Fall for work on a Ph.D. in Igneous Petrology. After Aug. 31st her new address will be Dept. of Geol. Sciences, Lacy Hall, N.W. U., Evanston, IL 60201.

Jones, Thomas Z. (Ph.D.'76) - Tom has been promoted to Dean of the Community & Technical College at the W. Va Inst. of Tech. He is also still Westmoreland Prof. of Mining. He has been active with his consulting business, Technical Evaluation Consultants, Inc., which specializes in engineering geology and geotechnical activities as well as providing technical consultants in litigation. Tom presented 3 papers at the Annual AEG meeting at Winston-Salem, NC; one paper at the Spring AIME meeting. He had an opportunity to visit with Doug Rich (M.S.'74) and family and John Curtis (A.B.'70, M.S.'72) and family last year. He sends his best to Dave Scotford and family. Tom invites any old grad. school colleagues or faculty passing through WV to stop by and visit.

Kelsey, Martin C. (M.S.'57) - Mike informs us that after having raised a family, he and Margaret became "do it yourself grandparents" by having a brand new daughter, Elizabeth Ashley. Their other children are grown. Mike sent us a xerox copy out of the May 16, '83 issue of Wall Street Journal, which contained a long article on Palmer Johnson Boats, Inc. and quoted Mike, who is President of the firm, in particular. The article pointed up the uniqueness of Sturgeon Bay and the Palmer Johnson yachts.

Kessler, Kirk J. (A.B.'82) - When Kirk wrote back in Nov. '85 he told us he had earned his MS from U. of Toledo and would be starting a job for Law Engineering Services Co. out of Marietta, GA as a staff hydrogeologist.

Kilburn, Richard F. (A.B.'64) - Dick stopped by the office on April 23 for a visit. He was especially interested in seeing Roy Reinhart. He was very surprised when Alice Peo recognized him and could call him by name since he goes back to the days of Brice Hall. Alice didn't think he had changed - even after 20 years. Unfortunately, most of the faculty were sitting in a proposal at the time and could not visit. It was nice of you to stop by, Dick.

Lace-Lammert, Penny J. (A.B.'76) - In July '85 we received news from Penny that she was beginning her 8th year at Ursuline Academy in Cincinnati. teaching physics and geology and also acting as the Science Dept. Coordinator. She finds time to be involved with an environmental education program at Michigan State U. The course in '83 and '85 was held in Hawaii and in '84 in Europe.

Lepak, Robert J. (M.S.'83) - Bob is a science teacher for the Bradford Central School in NY. He feels that teaching science in high school is quite different than anything else he has done. He taught Paleo. and wishes he had taken one of John Pope's courses. He would love for someone to find him a geology job. Bob, you asked about Geoff and Karen Staursky. Their address is 7384 S. Dexter Way, Littleton, CO 80122.

In summary, this has been a year of growth and expanded opportunities for the Department. We have witnessed an improvement in both the quality of our teaching efforts as well as in the national visibility of our faculty and students. We in the Department wish to thank all of you who have contributed in many different ways to make this all possible. Many thanks!

DEPARTMENTAL STUDENT HONORS AWARDEES

The Karl E. Limper Scholarship (R. Woodlings, donors)

Jeanne L. Cooper

The H. Van der Veer Hilker Memorial Scholarship

Kenneth R. Boie

The W.H. Shideler Award

Jeanne L. Cooper



ADB

J. Cooper

KEL

Jeanne receiving the 1986 KEL Scholarship

KUDOS TO W.D. MARTIN

Wayne (or Wayno as he is known to his friends) was born on a small farm in S.E. Ohio near Watertown. After graduation from high school, he joined the Navy and was aboard the battleship Maryland in Pearl Harbor on the morning of Dec. 7, '41, when attacked by the Japanese.

Following the war he attended Marietta College where he earned his B.S. in '48. His M.S. was earned two years later from W.Va. U. and the Ph.D. was obtained from the U. of Cinci. in '55. After completing his formal classroom instruction, Wayne taught for two years at B.G.S.U., Ohio. He soon realized, however, the error of his ways and moved to Oxford to begin his teaching at Miami in '52. He has been here ever since, compiling a long and distinguished career of teaching, research and service to both this University and to the geological profession. During this time, he directed 58 Master's theses and 1 Ph.D. dissertation.

As indicated by the title of his Ph.D. dissertation (The Hockingport Sandstone (late Carboniferous) of southeastern Ohio), Wayne's research and teaching interests have centered around the development of a better understanding of ancient sedimentary environments and the recognition of these environments in sedimentary rocks. To this end, Wayne was a major contributor to the unraveling of complex interrelationships of sedimentary-rock units of Pennsylvanian and Permian age which crop out in eastern Ohio and western W. Va. In a similar vein, Wayne and his students have also been instrumental in the development of a much better understanding of the depositional environments of sediments which comprise the bedrock in S.W. Ohio and in the N.W. Wind River Basin in Wyo. near the Geology Field Station.

Wayne will long be remembered by his students and colleagues as a master teacher, perceptive geologist, gentleman and sensitive human. These traits were nowhere better expressed than at the M.U. Field Station where he taught one or both of the summer sessions for approximately 30 years. Acting as director of the Station for most of this time, his tireless efforts and the personal, detailed attention he gave to ensure the comfort, safety and education of each student was largely responsible for the national recognition that our camp has earned over the years. A measure of the influence that Wayne has had on the geological profession is the fact that approximately 13 percent of all the practicing geologists in the Country today (over 3000 geologists) have obtained their initial field training at Miami's field station.

An accomplishment for which Wayne is particularly proud is the creation of the excellent sedimentary rock collection we have. He and his students have collected or traded more than 1,600 rocks that have been examined and cataloged.

Finck, Michael H. (A.B.'73) - Mike, his wife, Kathleen, and children, Sarah and Suzanne, have lived in Columbus for quite some time. He has never been employed in his major, but his background has helped him in the construction industry. He is presently Director of Contract Development for the Adena Corporation in Mansfield, OH. He makes sure they build things on solid ground!

Flanders, Christopher (B.S.'84) - Chris is busy these days trying to obtain a position with the government.

Frey, Robert C. (M.S.'76, Ph.D.'83) - Bob and his wife, Cathy, were blessed with a son, Robert Chester, on Apr. 2, '86. Their daughter, Carrie, is enjoying him. Bob is still professor with the geol. dept. at Centenary College, Shreveport. In the Fall of this year they will be inaugurating a graduate program. Bob will be teaching his first graduate course, Paleocology/ Ecostratigraphy. The main thrust of his Ph.D. work will be published in the Jour. of Paleo. either in the Nov. '86 or early '87.

Gevedon (Sutherland), Susan (ex.'80) - Sue called us in October and told us she is living at 1508 Tabor Ave., Kettering, OH 45420. On Sept. 16, '85 she and Michael had a baby girl, Michelle.

Harris, Frank W. (M.S.'77) - Frank is Dist. Supervisor for Chevron U.S.A. Inc., Alaska Division, Exploration out of San Ramon, CA. He tells us he still has fond memories of Miami life.

Harris-Noel, Ann (Graetsch) (M.S.'58) - Ann is now Vice Pres. of a newly formed geotechnical engineering firm called Consultants, Inc. She is still teaching at Youngstown S. U. where the Geol. Dept. has moved into new quarters in the engineering building. They have twice as much space as before. She is doing work in asbestos identification and also consulting work for Howell & Baird for Mahoning Co. Mine Stabilization. Last Jan. she sat next to Gov. Celeste when he signed the mine subsidence bill (H.B.383).

Henniger, Bernard R. (M.S.'64) - Bob wrote to tell us he has resigned his position as Vice Pres. of Explor. for Petroleum Development Corp. and is now consulting in petroleum in the Appalachian Basin. He married Marilyn Kay Jarrell - but you didn't give us the date of your wedding, Bob.

Hinkley, Everett A. (M.S.'84) - Everett married Sandy Stegeman (B.A.'83) on June 9, '85 at Hueston Woods Lodge. John Hoff (M.S.'84) was best man at the ceremony. Everett and Sandy are both working for Golden Geophysical in Houston.

Hinterlong, Gregory D. (M.S.'81) - Greg was promoted to the position of Geologic Supervisor for Cities Service Oil and Gas Corp. He enjoys getting the Shibboleth and wants us to keep it up. He and his wife, Rose Marie (ex. '80), have a new addition to the family; their son, Adam, was born 10/7/85.

Cavender, Marlin J. (A.B.'82) - Jay has a new address, 2033-D Yorkhull Lane, Columbus, OH 43229. He is actively working in eastern Kentucky, using a computer system to help in exploration mapping. 1985 was a pretty good year for Jay - drilled some more "Clinton" wells on Eagle Mountain in SE Ohio and some exploratory wells in KY. He is currently taking graduate courses at Ohio State for professional enrichment. Although drilling has slowed down a great deal, he has been able to complete several mapping projects. On the personal side, he and Lisa (Baber) (B.S.'83) are still happily married. Lisa works for a small advertising and public relations firm in Columbus. He wishes to be remembered to Dr. Limper.

Coates, Kelly C. (B.S.'74) - Kelly is still teaching general science and earth science to high school students. In his spare time he is revitalizing his 160-yr.-old farm.

Cowles, Charles H. (A.B.'38) - Chuck reports that he is now retired from the faculty of the U. of Fla. He has also retired his position as production manager for West End Golf Course. As Chuck puts it, "We just sets and gets".

DeBrock, Michael D. (A.B.'79) - Mike and his wife, Rae (B.S.'73), welcomed the birth of their first child, Kimberly Elizabeth, born 7/23/85. Mike now works in the Exploration Dept. of Chevron. He says he doesn't get up north as often as he would like and really misses those Ohio fossils.

Delo, David M. (A.B.'26) - Dave assures us that as the last of the "Old Guard" he hopes to visit us some time in the next couple of years. His new address is Apt. 101, Independence, 10900 Temple Terr., Seminole, FL 33542.

deWys, E. Christian (A.B.'50, M.A.'51) Chris is now President of Exploration Geochemists. He has published several geology papers. Chris has a new address: 1625 Larimer St., Suite 2601, Denver, CO 82002.

Donn, Thomas F. (M.S.'86) - Tom not only graduated this May, but was married on the 10th of May to Teresa Ann Preston. They were married at the Miami Sesquicentennial Chapel and the reception was held at the Oxford Senior Citizens Center. Congratulations, Tom, to both you and Teresa.

Duffy, John E. (ex.'62) - John wrote to tell us he is still racing Ranger 37 "Tango" on Lake Michigan and breeding cocker spaniels, black and black with tan points. So far, he has acquired 2 AKC champions.

Fell, T. Shawn (A.B.'79, B.S.'79, M.S.'85) - Shawn and his wife, Diane, spent the summer of '85 bicycling through New Mexico and Colorado. In the Fall of this year Shawn introduced an Earth Science program at Kamehameha Schools.

Wayne and Helen, who both retired this past spring after 50 years of combined service to the University, plane to travel more and do all those good things which two active careers have not permitted up to now. Certainly high on Wayne's list of pleasurable activities will be numerous fishing trips to the high mountain lakes and streams of N.W. Wyo. in pursuit of the elusive brook, rainbow and cutthroat trout. He also looks forward to having more time to complete several manuscripts have had to be put on the back burner because of other time commitments.

We know that these retirement years will be busy and full for Helen and Wayne and we wish them both the very best!



Wayne with all his hair.

HISTORICAL (or if you prefer), HYSTERICAL TRIVIA

The "old" geology had 3 classes of rock but the "new" geology has some of this sort, we're told:

1. Classical rock - Vishnu schist
2. Country rock - Knox(ville) dolomite
3. Hard rock - gneiss
4. Metallic rock - bauxite
5. Pop rock - phonolite
6. Punk rock - saprolite
7. Soft rock - shale

All of which has something of a lyrical rhythm!

FACULTY AND STAFF NEWS

Dwight Baldwin reports in "From the Desk of the Chair".

Jim Bever wants us to know he is simply enjoying his retirement.

Mark Boardman has had another exciting and productive year. Most satisfying has been the realization that students specializing in modern carbonate sediments (Bahamas style) can and do find jobs in geology. Also, his students and he maintained a fairly high scientific profile. Five papers were presented at national meetings, and three papers were published in reviewed journals. For the 4th consecutive year, the field course "Modern Carbonate Environments" was a great success. We spent one week on Andros Island and one week on San Salvador. This year, two faculty from the U. of Cinci. (Drs. Potter and Meyer) added their expertise to this intensive course. On a more personal note we bought a house. The 20" push mower we bought for our 1-acre yard is building more than character.

Norman Grant "picked up the threads" after returning from a six month research leave in England in the first half of '85. Three things of note have happened to him in the Department over the past year. One was the introduction of a new course structure for hard-rock graduate courses which consists of a year-long core course in mineralogy, geochemistry, igneous and metamorphic petrology and geochronology, and a series of advanced courses in various topics for which the core sequence is a prerequisite. The changes enhance faculty cooperation in teaching, because the core sequence is team taught, and makes the attempt to enhance the so-called advanced courses by ensuring that people entering them have a substantial background in igneous and metamorphic processes. At this point, the changes have been successful, particularly the core courses, although there is a need to guard against the tendency to cram too much into them and so make it impossible to enter into any given topic in depth. The advanced seminars require further thought, because there was not the success in breaking the well ingrained habits of seminars, where people give excellent accounts of topics but do not impress their individual stamp on what they say.

The second happening was the preparation for the installation of the DC argon plasma spectrometer in Jan., '86. The installation is in the refurbished and subdivided Room 205, (the former hot lab. of Luke Chang.)

The third, and certainly not the least in importance, is that he was successful in persuading the administration to fund a new position in the Dept., that of a technician to run the plasma and mass spectrometers. After a national search and interviews with the two top candidates, we offered the position to Tom Musselman. We are extremely pleased that he has accepted our offer, and will join the Dept. in Sep., '86. Tom is completing a Master's thesis at the

ALUMNI NEWS

Allwine, David A. (A.B.'84) - Dave has a new job as staff geol. for Maine Geol. Services in Winslow, ME. He is working as an inspector on drill rigs, contracting, writing reports and constructing geological maps and cross-sections. He was married to Anne Marie Lackey (B.S.'84) on 10/5/85. Congratulations to Dave and Anne Marie.

Altamura, Robert J. (ex. '81) - Robert is employed as a staff geologist for Conn. Geol. Surv. His most recent project has been the publication of Connecticut's new bedrock geological map.

Angle, Michael P. (ex. '84) - Michael and his wife, Katie, have a new baby, Dustin Michael, born on 10/14/85.

Baker, Chester E. (A.B.'47) - Chester has retired from Amoco International Oil of Houston as of Nov. '83. He is now working for Petroconsultants of Houston in the capacity of Geologist and Manager of International Oil Industry scouting. The results of his research are published in the Foreign Scouting Service Reports.

Balogh, Randy J. (A.B.'76) - Randy is now a senior geologist with Mission Resources, Calgary, Canada. Randy and his wife, Marisa, celebrated the birth of their son, Karoly J.F. on 9/19/85, the date of their anniversary.

Bersticker, Albert C. (A.B.'56, M.S.'58) - Albert said that contrary to the '85 Shibboleth report, he does visit Shideler Hall from time to time and has enjoyed visiting with Dave Scotford and John Pope.

Betz, Christopher, E. (A.B.'80, M.S.'84) - Due to a reorganization at Tenneco, Christopher is essentially the sole exploration geologist of southern Texas. Christopher says, "Its very tough in the oil industry - now is a good time to stay in school as long as you can". Christopher asks that any Miamian give him a call if they are in the Houston, Texas area.

Biehl, James W. (A.B.'80) - Bill has a new address, 11 Northland Dr., Corbin, KY 40701. Bill was in Oxford over the homecoming and saw a lot of Miamians. He really enjoys getting the Shibboleth and wants us to keep it up. He and his wife, Rose Marie (ex. '80) have a new addition to the family; their son, Adam was born 10/7/85.

Boies, Robert B. (M.S.'49) - Bob is still a geology consultant for Texas and Mexico. He says there are a lot of exposed structures there. It would make a good field trip.

Burkett, William C. (A.B.'67, M.S.'69) - Bill has a new job as Senior Geologist in the Midland District. He enjoys reading the Shibboleth each year to see what everyone is doing.

PH.D., MASTER'S AND BACHELOR'S DEGREES

Ph.D.

Voner, Frederick R., Dec. '85, Petrogenetic and tectonic history of granitoids in the Hopedale Block, Labrador.

Master's

Christian, Barbara S., Aug. '85
Close, Jay Charles, Dec. '85
Donn, Thomas F., May '86
Eaton, Matthew R., May '86
Fleischmann, Karl H., Aug. '85
Hacker, David B., Aug. '85
Kenter, Richard J., Aug. '85
Mitock, Joanne R., Aug. '85
Paxson, Kevin B., Dec. '85
Martin, Anthony J., May '86
Schneider, Nicholas P., Dec. '85
Serna, Carlos J., May '86
Thomas, R. Scott, May '86

Bachelor's

Bertram, Margaret A., Dec. '85
Casper, Robert J., May '86
Courts, Jeffrey T., Dec. '85
Fielman, Mary E., May '86
Gerber, Carol E., May '86
Goist, Timothy O., May '86
Kearns, Wynn H., May '86
Lease, Laura A., May '86
Leutz, Christl M., May '86
Pennell, Mark D., May '86
Rawnsley, Christopher M., Aug. '85

PHRASES I WISH I'D NEVER HEARD

"We've built a lot of character" - Hopefully, not characters.

"We're right on top of the state of the art" - But what if it's a science?

"That's the name of the game" - This usually takes several paragraphs.

"That's the bottom line" - Below which nothing is lower.

"Like, you know" - Oh boy, nauseous!

Colo. Sch. of Mines in igneous petrology. His presence in the Dept. will markedly enhance our resources, for not only will he bring skills and experience with mass spectrometers and the techniques of making isotopic measurements on Sr and Nd which complement what we do, or aspire to do at Miami, but prior to starting his masters degree he worked for several years in the computer industry in the assembly of micro-electronic components and servicing microcomputers. Among his other talents, Tom has also considerable experience as a road-racing cyclist. The addition of Tom to the staff is a vital one, because it is clear that it is beyond the faculty's resources to find the time to run the increasing holdings of complex research instruments, and to teach, supervise theses and dissertations and all the many other things that fall to us. The new position was justified partly through a proposed sharing of complex instruments with the Dept. of Geol. at the U. of Cincinnati. Norman thinks that now, for the first time, they have the possibility of creating a pool of modern and adequately staffed research instruments for staff and students at both Miami and Cincinnati. While this is an important step forward, it also requires that we continue to strengthen the field aspects of the Dept's work, because field work and insights define the initial steps in studies based on sophisticated laboratory equipment.

John M. Hughes has again had a busy year. Through NSF grants he has received and installed a new automated single-crystal diffractometer (in collaboration with A. Karipides and J. Cantrell of the Chem. Dept.) and a new X-ray generator in our department. The equipment is already in use in student work on vanadium minerals. In addition, the thesis work of several recent students (Barbara Christian, Peter Mazzone, Jerry Bendo) is now approaching publication in several journals.

On the undergraduate level, we have begun to see the decrease in enrollment that all Geology Departments are suffering. This decrease enrollment is first manifest in Mineralogy, where this year he had only 10 students enrolled. Despite the small number, it was an excellent group, with whom he certainly enjoyed interacting.

Karl Limper recounts some of his activity in "From the Chair of the Editor's Desk."

Joe Marak captioned his contribution under the title, "The Adventures of the Karl E. Limper Geology Museum" and if you read this in its entirety, you will know why.

Six area schools were assisted in the museum (284 students). Three adult organizations were entertained (50 adults + children). They included the Bruckner Center Gem & Mineral Soc. from Dayton, the Dry-Dredgers from Cincinnati, the Fort Hamilton Gem and Mineral Club out of Hamilton and the Oxford Webelo Troop.

The museum was opened on Saturday, March 8 for Science Day and Saturday, June 14 for Alumni Weekend. Our guest-book lists Robert Whittier, Nancy and Heidi Hartting, Andy Hardacre, Vivian Johnson,

Mike and Nancy Mann, Joseph A. Kelly (A.B.'35), Linda Hudson Martin (A.B.'75), Randy and Layne Listerman, Gail Heeter, Wally Waldbauer, II, (B.S.'72, MED'73)), and Eric M. Karn.

Regarding the museum's collections, through the generous support of the faculty (sharing of the "equipment budget") and a little extra from the Karl E. Limper Museum Fund, the museum was able to acquire the final piece of computer hardware needed for our cataloging program, a 32 megabyte hard-disc. Now we can keep all of our cataloging records on a single media.

For practical purposes, Joe has completed the cataloging of the brachiopod collection. When the scattered remnants are processed, the final Atriculate Brachiopod holdings will number about 6,000 cataloged, many representing 54,300 individual animals. Approximately 400 records have been added to the "Shideler Code" file, which brings it to 2,061 entries. Of the 400 additions, approximately 100 were the complete Oklahoma localities set; 100 were new codes erected in Shideler fashion for modern, new localities in Indiana. Almost 1,100 new entries have been made to the fossil hierarchy file.

The museum has been afforded the opportunity to participate in the scientific investigations of a "perfect footprint of an Ordovician bird", and is anticipating the arrival of a "petrified face" from the banks of the Ohio River.

As a result of a series of meetings held with the geology faculty during last winter, it was agreed that the museum would acquire responsibilities for research, theses and dissertation collections. The museum has also begun to curate the petrology collections.

Finally, Joe has continued coordinating the material shown in our display cases and finds that the faculty more and more enjoy displaying their Workshop offerings. They have been very well done and are interesting to students and visitors alike.

Wayne D. Martin participated in field trips last fall in Ky. and Tenn. Wayne, Mark Boardman and Dwight Baldwin led a spring field trip for advanced students to S.E. Ohio and W. Va. this Spring.

Two of Wayne's graduate advisees, Jay Close and Kevin Paxon, completed work toward their Master's degrees this year, .

Wayne gave an oral presentation on the Dunkard Group at the GSA and GLS-SEPM meetings at Kent S.U. in April. He also participated in the Ohio Acad. of Sci. Meetings at the U. of Toledo. He was Vice President of the Geology Section of the Academy this past year.

Helen and Wayne plan to spend several weeks in Wyo. and other parts of the Rocky Mt. area this summer. Inasmuch as both Wayne and Helen are retiring from teaching at Miami this spring, they will be

His survivors include his mother, Mrs. Ellen Thies (St. Cloud, FL), 3 children: Dr. Karl B. Lautenschlager (Los Alamos, NM), Kurt Mr. Lautenschlager (Fallbrook, CA) and Mrs. Kim Lee (Fresno, CA) and 7 grandchildren.

We are pleased to announce the induction of Lawrence H. Bell (A.B.'38) into Miami's Athletic Hall of Fame. He was the former record holder in the javelin. Larry died in March of 1981. We are sure his surviving family were pleased to learn of this honor.



LARRY BELL

IN MEMORIAM

Gary Lee Swierc, former Miami University geology student, was killed on March 20, 1986 while on a hiking trip with his brother, James.

Gary received his A.B. degree in Geology at Miami University on May 12, 1985. Beginning in the fall he was planning to attend graduate school at Idaho State.

Born in San Antonio, Texas, on September 18, 1962, Gary moved to Loveland, Ohio with his family from Overland Park, Kansas, in 1978. He attended Loveland Hurst High School, graduating in 1981, and as an outstanding athlete, he received many awards, including All-League, All City and the Tiger Clawman Award. Quotes David Evans, baseball coach, "Gary was a team leader, not only in football, when he played linebacker and running back, but also in baseball. He was a two-year letterman in both".

His burning interest in Geology took him to almost every state.

Gary's favorite hobbies were all outdoor sports; snow skiing in the winter, softball in the summer season; and anything that involved geology. His love for life, and his cheerful, outgoing attitude will be sorely missed by his family and many friends.

The "Gary Swierc Memorial Scholarship" fund has been established at Loveland Hurst High School. It will be awarded to a student who plans to attend Miami University. In addition, memorial contributions are also being received by the Murstein Alumni Center at Miami University in Gary's name.

Gary is survived by his parents, Mr. and Mrs. W. Lee Swierc of Loveland, Ohio and two brothers, David and James.

Herman Kenneth Lautenschlager, M.U. A.B.'42 and O.S.U. Ph.D. in '52, died of cancer of June 6, 1986. Ken was born in Alliance, OH June 5, 1918, graduated from Sebring H.S. in 1936 and served in the 15th Air Force in Italy (1944-45). His professional career included Ohio Fuel Gas Co. (Columbus) and Standard Oil Co. of Calif. through 1958. From 1958-83 he was Prof. of Geology and Chairman of the Phys. Sci. Dept. at Bakersfield (Calif.) College. During these years he also was Director of the O.S.U. Geol. Summer Field Station in Utah (1962-73) and Instructor for Science Teachers in N.S.F. summer sessions.

For relaxation he played with the Kern Philharmonic Orchestra and held membership in the Sierra Club.

free to do more traveling in the future.

Larry Mayer is contributing to two DNAG projects this year (Quaternary geology and Neotectonics). Two funded research projects are: 1. the effect of segmentation on the neotectonics of the Cascade Mountains region (with Hart and Hughes) and 2. the relation between rifting processes and regional geomorphology. Larry is also continuing his work with the U.S.G.S. on the modeling of calcic soils for the purpose of paleoclimatic reconstructions. Mayer also offered a new seminar this year entitled, "Trench-Forearc Geology".

Robert McWilliams has developed a new workshop (GLG 699B) at the field station in Wyoming called "Field Geology for Teachers" for the second session. This workshop will be taught by Miami geology alums, Bob Henniger and Peter Worcester.

As a result of last year's efforts, the GLG 311 field course has been modified to include more geologic mapping and more work with igneous rocks.

John Pope led a successful field trip of 20 graduate and undergraduate students and his wife, Gracia, to San Salvador Island, Bahamas. For those who have gone on one of the Andros Island trips, San Salvador does not have the environmental diversity of Andros, but it does have many long, beautiful beaches, cliffs and reefs within easy swimming distance from shore at many locations. In May and June, John and Gracia plan to tour Switzerland, Austria and northern Italy. Son Jonathan presently teaches in a high school near Salzburg, Austria. In July and August, John will lead a workshop course in the rocks and fossils of the Cincinnati area. He currently has four master's students. Dave Lehman continues to work on the paleontology and paleoecology of the Ordovician, Martinsburg Formation at Swatara Gap, Pa.. Rick Kaiser has completed most of the field work for a thesis on the fauna and stratigraphy of the Cretaceous, Del Rio Shale in the Big Bend area, Tex. Wayne Hartwick and Jody Shay have just begun theses on everything that can be learned about Strophomena planumbona and Leptaena richmondensis. Tony Martin completed his thesis on phosphatic micromorphic fossils in time for graduation in May. Tony is to be commended for extracting from his thesis one published paper and three oral presentations given at national or regional meetings.

Dave Scotford thought the fun thing this year has been a Macintosh computer with some structural geology software written by Dave MacEachran. My quizzes are now printed by the computer to the relief of students who now can read the questions even though they can't figure out the answers. There were four student field trips this year to Md., Tenn., Ga. and N.C., and a short course on balanced cross sections at the GSA meeting in Orlando. The third annual field trip to England and Scotland with eleven students will go this summer with the usual bargain prices. Pat will join him after the trip and they'll explore the outer Hebrides and rent a canal boat for a trip on the River Avon. He did a little moonlighting over the Spring Break by taking a job as a charter

captain and sailing a group to the Bahamas. They had the usual rough passage going east across the Gulf Stream, but there were some stalwarts on the crew who helped him steer the course.

The last two of the eight theses done on the Gros Ventre Mountains should be complete this summer. Another thesis will be started in the Scottish Highlands. The paper on the chlorites from N. Car. ultramafic rocks with Zong and Hughes has finally appeared.

BONERS

1. "Igneous rock formed by crystallization of 'molting' magma". - All of which leads to a bird of a different feather!
2. "The hills were worn down by eroticism". This comes from Robert L. Bates (June '86 - Geotimes) - Sex is accused of tearing down the family, now it is depreciating mountains!
3. "The clastic sediments were transported by rolling, in suspension and by salutation" - And a warm welcome to you, too!
4. "A granite is usually higher in quartz than a grabber". - something worth holding on to!
5. "Albitite is rock with a higher percentage of the mineral, albeit". - Well, so be it!
6. "Sedimentary deposits deposited by the wind are called alien deposits". - That sounds foreign to me!

M.U.G.S. NEWS

M.U.G.S. began the fall semester helping the department with the annual picnic at Peffer Park, where students and faculty enjoyed great food, volleyball and softball while catching up on summer activities. Officers were Darlene Cummings (Pres.), Christl Leutz (V.P.), Carol Gerber (Treas.) and Mary Beth Fillman (Sec'y.)

The club was kept busy with bake sales and the annual rock and mineral sale. Members went geode collecting in Indiana, defeated the Astronomy Club in volleyball, and had VCR movie parties and a great costume Halloween party. Dept. members were serenaded with traditional Christmas carols in December. Guest speakers included Dave Daugherty and Dr. Martin.

Second semester events included more bake sales, distribution of Dept. pictures, club t-shirts, a final softball game, and the first annual Fred Flintstone's Birthday Party, where some members came dressed in their finest Bedrock attire. The big "blow-out" of the semester was the annual M.U.G.S. Banquet which was held at the Meadowbrook Inn. Dr. and Mrs. Scotford hosted a cocktail party beforehand, and the banquet program included a buffet dinner, an outstanding slide show, a tribute to Dr. Martin, and the traditional faculty roast - Dr. Scotford was the victim this year.

A change in club format that will involve more graduate students and emphasize guest speakers and student lectures will be attempted next year. Officers for 1986-87 are Brannon Anderson (Pres.), John Kohler (V.P.), Richard Bohme (Treas.), and the secretary to be elected in the fall.

Finally, the club members, as well as the rest of the Dept., were saddened by the death of 1985 graduate, Gary Swierc, in March, 1986. Gary was an involved student during his college career here, and served as secretary of M.U.G.S. during his senior year. He will always be remembered by his friends as the true field geologist and "man of destiny".

M.U.G.S. would like to express its gratitude to Dr. Scotford, our advisor, for all of his advice and help.