

Brice Hall



## The Shideler Shibboleth

MIAMI UNIVERSITY  
Department of Geology  
College of Arts & Science  
Oxford, Ohio 45056



ALUMNI BULLETIN  
DEPARTMENT OF GEOLOGY



MIAMI UNIVERSITY

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## FROM THE CHAIR OF THE EDITOR'S DESK

Your editor has now become accustomed to the computer and word processing instrument. Now all errors or omissions herein can be attributed to "high-tech".

One physical change in Shideler Hall that is in the process for next fall is occurring in Room 112S where what was the "Graduate Zoo" is now the computer center, office machine room and faculty meeting and discussion area. The graduate student cubicles are to be located on the ground floor in a former elementary laboratory. Another former elementary laboratory room will house the rock crushing apparatus and space for graduate student research. You all should return as frequently as possible so that these "changes for improvement" (C.F.I.) will not confuse your memories of Shideler Hall.

It came to mind that we might add a new heading to the newsletter publicizing our awards to students for each year. This we'll do next year but for now you should know that the second recipient of the Karl E. Limper Scholarship has been Nicholas P. Schneider who is a second year graduate student coming to us from U. Ind. Nick has been the major person in coordinating the elementary laboratory assistants' teaching responsibilities. Following the receipt of his M.A. here Nick intends to go on for a Ph.D. degree at S. Ill. U., Carbondale.



Nicholas Schneider receiving  
the Karl E. Limper Award from  
Dwight Baldwin while Karl Limper  
observes.

The H. Van der Veer Hilker Award was presented to Darlene Cummings for her senior year (1985-86).

The W.H. Shideler Award to be presented to an outstanding student at the master's level was received by Matt Eaton.

You readers of the S.S. should know that there also is a "sometimes" publication within the department edited by Dave Daugherty (last year's K.E. Limper Awardee) and entitled "The Miami Geologist". Dave published three issues during the year giving note to departmental faculty, research and other activities.

A free dinner at the 1809 Room to the first person who identifies all the persons shown below.



Dave Delo (M.U.'26) sent this Brooks Lake Sunday picnic (July '50) picture of Doc Shideler playing cards with 3 persons unidentified.

Last note: Your editor apologizes for any errors this year basing his excuse on his upcoming (July 11, '85) marriage to Louise Small, widow of K.O. Small, former M.U. architecture department member and long time friend of your editor.

\* \* \* \* \*

**BONERS**

"Dodo birds have become decent now". - Thank goodness!

"Certain early restorations of fossil vertebrate were most bazaar". - Should make a good garage sale.

- Ms. Linda H. Martin (A.B.'75)
- Mr. & Mrs. Joseph J. Mauch (Joseph, A.B.'80, Elizabeth, A.B.'81)
- Mr. & Mrs. James H. Maynard, Jr. (James, A.B.'52, Billie Ann, A.B.'53)
- Mr. John C. Metzger (A.B.'42)
- Ms. Krista D. Miller (A.B.'78)
- Ms. Veronica W. O'Donnell (B.S.'73)
- Dr. & Mrs. Richard N. Passero (A.B.'56, M.A.'62)
- Mr. William C. Peters (A.B.'42)
- Mr. George F. Pritchard (M.S.'80)
- Mr. Richard D. Rieke (A.B.'58)
- Mr. & Mrs. Richard F. Riordan (Richard, A.B.'51, Belinda, A.B.'51)
- Mr. and Mrs. Edward M. Roberts (Ed, A.B.'39 & Genevieve)
- Mr. David J. Roddy (A.B.'55, M.S.'57)
- Mr. David C. Schuster (A.B.'74)
- Mr. Peter B. Selover (A.B.'55)
- Mr. Harry D. Shade (A.B.'60, M.S.'63)
- Mr. Kenneth L. Shropshire (B.S.'54)
- Mr. Charles H. Soule (A.B.'72)
- Mr. & Mrs. William Spohn, Jr. (Bill A.B.'38, Ursula, M.U.'38)
- Mr. Robert C. Stephenson (A.B.'38)
- Mr. Thomas E. Stephenson (ex. '44)
- Mr. Robert H. Stewart (A.B.'43)
- Mr. & Mrs. Craig W. Stichtenoth (Craig, A.B.'75, Beverly, B.S.'77)
- Mr. Robert Storch (B.S.'49, M.S.'50)
- Superior Oil Company
- Mr. Jack R. Sutcliffe (A.B.'55)
- Mr. & Mrs. Eral M. Sutton (Eral, A.B.'53, M.A.'54, Carol, B.S.'55)
- Mr. & Mrs. T. W. Swinehart, (Tom, M.S.'69, Carol, A.B.'69)
- Tenneco Inc.
- Texaco Philanthropic Fdn.
- Mr. Dale R. Thompson (M.S.'63)
- Mr. Richard W. Vian (A.B.'57, M.S.'59)
- Mr. Robert M. Walter (A.B.'77)
- Mr. James R. White (A.B.'50, M.S.'51)
- Ms. Kathleen Gardner Wissinger (A.B.'78)

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WISH TO REMIND YOU ONCE MORE THAT YOUR ANNUAL GIFT TO THE MIAMI UNIVERSITY FUND IS INCOME TAX DEDUCTIBLE AND MAY BE DESIGNATED FOR THE W.H SHIDELER FUND ENTIRELY OR IN PART.

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## ALUMNI AND FRIENDS' CONTRIBUTIONS

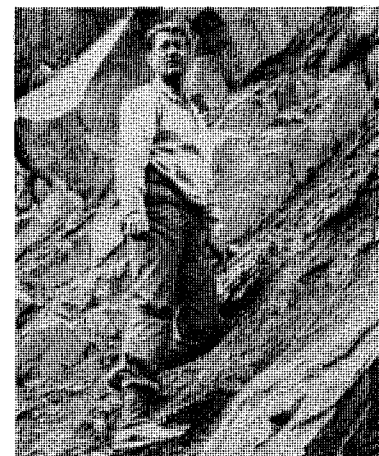
July 1, 1984 through July 1, 1985

Ashland Oil Inc.  
Atlantic Richfield Company  
Mr. Chester E. Baker, Jr. (A.B.'47)  
Mr. Charles M. Balyeat (A.B.'57)  
Ms. Karen I. Bartels (A.B.'79)  
Mr. Karl E. Becker (A.B.'39)  
Mr. & Mrs. Robert Behling (Robert, M.S.'65, Mary, M.S.'72)  
Mr. Henry S. Belden IV  
Mr. Nicholas Beskid (M.S.'71)  
Mr. Christopher E. Betz (A.B.'80)  
Mr. & Mrs. William F. Bishop (Julia, A.B.'58, William, 'M.A.)  
Mr. & Mrs. Richard L. Boone (Jeanne, A.B.'79, Richard, A.B.'79)  
Mr. G. Allan Brown (A.B.'65)  
Mr. Phillip E. Byrd (A.B.'79)  
Mr. Robert E. Cain (A.B.'48)  
Mr. Richard N. Campbell (B.S.'46, M.S.'49)  
Mr. and Mrs. David W. Carpenter (A.B.'70, M.S.'74)  
Mr. and Mrs. Tom W. Carpenter (Tom, A.B.'74, Jessica, '74)  
Mr. & Mrs. James Carrico (Virginia, A.B.'55)  
Mr. Joe D. Cathey (ex '70)  
Mr. Charles Mark Crawford (B.S.'74, M.S.'77)  
Mr. & Mrs. John B. Curtis, Jr. (A.B.'70, M.S.'72)  
Mr. & Mrs. Michael K. Dalton (Michael, A.B.'74, Sarah, B.S.'72)  
Mr. Robert L. Detterman (A.B.'41)  
Mr. & Mrs. Michael F. Ehman (Michael, B.S.'67, and Carol)  
Ms. Kimberly S. Ehret (A.B.'80)  
Ms. Peg (Svenson) Faithful (B.S.'71)  
Mr. & Mrs. Steven M. Ferris (Susan, A.B.'81, Steven, B.S.'81)  
Mr. Mark W. Frye (A.B.'76)  
Mr. Geoffrey A. Garrison  
Mr. Gene Garrison (A.B.'49, M.S.'54)  
Mr. Harry D. Gibbs (A.B.'47)  
Mr. & Mrs. Serge Gonzales (M.S.'60)  
Ms. Jane C. Granger (A.B.'52')  
Mr. & Mrs. Gregory C. Hatch (Gregory, A.B.'55, M.S.'56, Carol, B.S.'58)  
Dr. & Mrs. John P. Gries (John, A.B.'32, Virginia, M.U.'32))  
Mr. & Mrs. Gregory C. Hatch (Gregory, A.B.'55, M.S.'56, Carol, B.S.'58)  
Mr. Gordon L. Heele (A.B.'61, M.A.'63)  
Mr. Mark A. Heisler (A.B.'81)  
Mr. Ronald P. Helman (A.B.'55, M.S.'57)  
Mr. & Mrs. Ralph L. Horak (Ralph, A.B.'51, M.S.'52, Frances, M.U.'53)  
Ms. Karen I. Johnson (A.B.'79)  
Mr. Thomas Z. Jones (Ph.D.'76)  
Mr. Kenneth R. Krivanek (B.S.'72)  
Mr. Harry B. Kuder (A.B.'55, M.S.'64)  
Mr. Philip E. Lamoreaux (ex.'38)  
Mr. Thomas E. Laskowski (M.S.'78, Ph.D.'82)  
Mr. Richard W. Lemon (A.B.'61)  
Ms. Elizabeth D. Lengyel (A.B.'66)  
Dr. Karl E. Limper (Prof. "Emeritus")  
Mr. Robert Lindner (A.B.'51, M.S.'52)  
Mr. Delbert H. Lutz (A.B.'49, M.S.'53)  
Mr. Herbert L. Magley (B.S.'70)  
Dr. & Mrs. Wayne D. Martin (Wayne & Helen - Faculty)Prof.)

## FROM THE DESK OF THE CHAIR

The 1984-1985 year could well be called the year of Departmental evaluation. Not only did we have to develop a profile of the Department for the North-Central accreditation team who visited campus this Spring and to formally evaluate the University (this is done every 10 years), but we also wrote two program review documents (one for the Dean and the second for the Ohio Board of Regents). The Dean's Self Study document was mandated of all departments in the College and it was Geology's turn after many years to be reviewed for the Board of Regents. The final outcome of all this introspection is yet to be determined, but I am hopeful that we made a strong case for the influx of additional resources into the program. Some very positive results have, however, already been seen in the revamping of certain of our courses and operating procedures.

This Spring the Dept. hosted a reception to honor Jim Bever who retired after thirty-one years of teaching at Miami. We will miss Jim's sharp wit and quick mind, but are hopeful that he will be appointed on a part-time basis to teach his Gems and Gem Materials course in the Fall.



Jim Bever's "Karate chop  
was a better rock breaker  
than a hammer.

This has been a good year for research productivity in the Dept. Without going into details, let me just say that we have been well represented at many national and international meetings and conferences around the country and the world. One of the exciting new developments has been the increased visibility our students are getting at professional meetings as an increasing number of them present the results of their research.

We have also been notably successful in attracting outside support for our research efforts. Orders have been, or will soon be,

placed, to obtain a new X-ray diffractometer system, a new X-ray generator and a direct current argon-plasma spectrometer. The University, through the efforts of the Botany Dept., will also soon be getting a new scanning electron microscope which I am hopeful will be available for use by scientists across the University. In addition, Mark Boardman, Bill Hart, John Hughes, Larry Mayer and Dave Scotford each have received funds from external sources in support of their research activities.

We have also had considerable success in obtaining State money to upgrade our inhouse computer equipment. We now have 6 new IBM PCs with associated hardware. This new equipment will allow us to add four new work stations for student use as well as to increase the research productivity of the faculty. This major addition should go a long way to reduce the bottleneck for computer time that has developed in recent years.

One of the new directions that evolved out of the Program Review exercise described above was our recognition of the great importance of field experiences for our students. We have already begun to correct this weakness with the initiation of a field trip to supplement the classroom experience in the required undergraduate petrography course. This new trip complements the trip to the Smoky Mountains each Spring by undergraduates in structural geology.

In addition to these two field experiences, advanced undergraduates and graduate students can enroll in summer workshops. This year's students are going to the Bahamas to study modern carbonate deposition, the SW U.S. to obtain an understanding of geomorphology and recent tectonic activity in that area, and to northern England and Scotland to see some of the classic structures exposed along the east coast of the British Isles.

The Geology Field Station continues to attract students in large numbers although we have seen a modest decline in applications this year due to the decrease in the number of undergraduates deciding to major in geology. Bob McWilliams has officially taken over the directorship this year. This will be the first summer in many, many years that Wayne Martin has not shouldered this responsibility.

Speaking of declining job opportunities for our graduates, I wish to again thank all of you who have taken the time to inform us openings as you learn of their availability. We have begun a more formal job referral center this year with the appointment of Bob McWilliams to coordinate job-placement activities. In addition, I hope to meet with several groups of geology alumni this coming fall and winter as part of a travel project to major centers of geology employment for visits with our alumni as well as employers or potential employers of our students.

Heartfelt thanks are also due to all who have contributed to the Shideler or Geology Restricted Accounts. Your continued support of the Dept. helps us do a host of quality activities (such as the

commissioned weaving business (Reed & Bobin) and is also thoroughly enjoying motherhood.

Woodruff, Michael S. (M.S.'80) - Mike is still working in exploration/Western U.S. for Santa Fe Geothermal. Mike, how about giving us your wife, Jeanmarie's, maiden name and the birth date of your daughter, Laura Marie.

Yeso, Kenneth F. (A.B.'77) - Ken has a new position as Program Dir. at the Woodland Attars Outdoor Education Ctr., Peebles, OH. He thought living in the country would be peaceful and relaxing. Instead, he has his hands full running a resident environmental education program. He thinks Adams Co., OH is a beautiful place to live and work. As of Jan. '84, he's had another former "Shidelerian" on his staff - Jim Herrmann (A.B.'83).

Zurbrick, Linda K. (A.B.'83) - Linda wrote on Aug. '84 she had recently been hired by G. E., Evandale, OH to work as an engineering assistant in alloy development in their Radar-Absorption Materials Lab. She works with radar-avoidance techniques and materials to military planes to be produced in the 1990's. She said "hello" to everyone at Shideler.

\* \* \* \* \*

This bit of nonsense from the Saturday Evening Post of 4/7/56.

#### SONG TO END SONGS

Darn Body Oat Meal Stream

Darn body oat meal stream

Wear a first mate shoe,

Ouija eyesore blue

Dresden gingham too

It was there anew

Thatch a loft me too

You were sixteen,

Marvel itch queen

Darn body oat meal stream!

Dave Morrah

Thompson, John W. III (M.S.'80) - John is still working for Exxon, but has been transferred to Houston - Alaska/Pacific Exploration. When he wrote this last March, he was getting ready to go on a Carbonate Environments field trip to Florida Keys, West Indies, Bahamas, Texas and New Mexico. He and Julia had a daughter, Katherine Emily, arrive on January 8th of this year. They really enjoy Texas.

Vian, Richard W. (A.B.'57, M.S.'59) - Dick is the Chief Geologist for Stillwater Mining Co. (a tri-venture between Anaconda (his employer), Chevron and Manville. When he wrote last Dec. they were in the final stages of feasibility study regarding the development of a Pd/Pt mine in the Stillwater Complex, MT. He and his wife, Jan, love Mont.

Wagner, Richard A. (M.S.'74) - When Richard wrote to us last October he mentioned that he was planning a trip to Vancouver to visit some friends and look at outcrops. His company has been drilling quite a few wells.

Watson, Becky A. (A.B.'78) - Becky works in the Columbia Basin, Washington area for Arco Exploration Co. When she wrote to us last Aug. she said she was in the process of buying a condominium. Please send us your new address, Becky.

Watson, Robert L. (M.S.'73) - Bob joined Brock Exploration Corp. as vice-president. The company has offices in Corpus Christi, Amarillo, Oklahoma City and a home office in New Orleans

Weiler, Peter D. (A.B.'82) - Peter is involved with geothermal feasibility studies in California and Nevada. He is working with one of the pioneer geologists of the California geysers exploration. He sent a special hello to Jim Bever and the editor.

Weimer, Douglas J. (A.B.'77, M.S.'80) - Doug is with the Midland Div. of Texaco and his position as supervising geol. has been expanded to cover the states of Texas and New Mexico. He led a field trip to the Guadalupe Mtns. and participated in a trip to Chihauhua, Mexico. He said his company drills about 200 wells a year.

Williams, Jeffrey R. (M.S.'79) - Jeff has a new and exciting job with the Dept. of Energy, Salt Repository Project Office, Columbus, OH. He is the project manager for the Utah site. He acts as liaison agent between the state and local gov't. His particular responsibility is to find a permanent home for high level nuclear waste.

Winkelbauer, Howard M. (M.S.'74) - Howard is a supervisor for Industrial Ceramics, Garber Research Center. He has received 2 U.S. patents, 1 West German and 1 Austrian patent on his work with Sialon (silicon aluminum oxynitride). He has a home address at 125 St. Andrews Circle, McKeesport, PA 15135.

Wissinger, Kathleen (Gardner) (A.B.'78) - Kathy has been working intermittently for Shenandoah N. P. since '81. She is continuing her

funding of faculty visits to students working on theses or dissertations far from Oxford) which would otherwise be impossible due to a shortage of State funds.

In summary, I believe we have made major strides this year in terms of research potential and productivity. New equipment has been obtained which should greatly enhance our potential to attract talented students and faculty. In addition, our efforts at self study have identified areas in our curriculum that can be strengthened. We have already made considerable progress in implementing many of these ideas. We hope this last year has also been a good one for you in these times of change in the geological sciences. We look forward to hearing from you, or better still seeing you, in the not too distant future.

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The Beginner's Geologic Time Table

Cambrain  
Orddivision  
Slurian  
Divanian  
Messysoupian  
Pennsyldelphian  
Premium  
Treeassick  
Juryassick  
Crudaceous  
Tearatary  
Quarternary

\* \* \* \* \*

**MORE BONERS**

"Cambrian worms loved in burrows". - Dig me, Daddy, eight-to-the bar.

"Carnivorous reptiles pray on herbivorous forms". 'Hail Mary' for the vegetarians.

## FACULTY AND STAFF NEWS

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

Jim Bever greatly enjoyed and appreciated the very tasteful retirement reception that the Department hosted for him in Shideler Hall. The letters from former students were highly flattering but, of course, absolutely true. The tree planted in his honor is absolutely beautiful, and representative of his early home in the Cascades. Jim has decided that the above events should be repeated -- the BEVER ANNUAL RETIREMENT CELEBRATION. Y'awl come!

Mark Boardman reports that the first general offering of Oceanography was a huge success. He loved it and he says the students did, too. In addition to teaching, he was kept hopping this year after the birth of Jessica Nicole. Congratulations, Mark.

The completion and presentation of several research projects should also be noted. In Aug. '84, he presented a summary of his NSF-sponsored research on sea level and climate recorded in periplatform carbonates. At this same SEPM meeting, one of his students, Lise Dulin, presented her work on the distribution and origin of heavy metals in periplatform carbonate sediments. At G.S.A. - Reno, Cliff Schmitt and Mark presented their results on the climatic controls of early subsea lithification. Mark's paper on the distribution and origin of periplatform sediments appeared in the Jour. of Sed. Pet., vol. 54. Another paper (written with Tom Donn) on the bioerosion of limestone coastlines will appear in the fall issue of the Jour. of Coast. Res.

Mark spent two weeks of February in the Bahamas on the research vessel, CALANUS, attempting to core through paleo-lagoons using a hydraulic coring rig and SCUBA. In May, he returned to the Bahamas (Andros Island and San Salvador Island) to lead the third annual field course (two weeks) on modern carbonate deposition. Wayne Martin went with Mark and added his considerable insights on ancient limestone analogues.

Norman Grant spent the first six months of 1985 at the U. of Leeds in England, taking a much needed break from Miami and enjoying an excellently equipped department. He is completing a substantial amount of geochronology which Bob Lepak, Tom Maher, Jim Carl, (SUNY, Potsdam) and he have worked on in the Adirondacks Lowlands with more Rb-Sr ages and the determination of U-Pb zircon ages on key rock units. Norman believes they are close to establishing a geochronological framework for the Lowlands which can also be recognized throughout the Highlands. His plans are to present this work at a poster session at next Fall's GSA Annual meeting.

In addition to this, he is adding to the work of Christopher Cholokwu, who recently completed a Ph.D. dissertation on a drill core through the Duluth Complex.

Perhaps Norman's most important news is that a proposal to NSF

Shafor, Kenneth W. (A.B.'54, M.S.'59) - Ken retired after 30 years with Armco Steel. He's now teaching at Miami's Middletown campus and says it's great to be back among people who talk geologically.

Shaw, Robert (A.B.'69) - After recently resigning as Miami's swim coach, Bob decided to get a "real job". He is now a software consultant with Cablefacts, the second largest computerized billing service for cable television. He is now living in Lexington, KY.

Shilts, William W. (M.S.'65) - Bill and his daughter, Sara, came to Miami for a visit last Jan. '85.

Shropshire, K. Lee (B.S.'54) - Lee stopped by the Dept. on Jan. 2 '85. Your editor is sorry he missed seeing him.

Slack, John F. (M.S.'72) - John is still at the USGS in Reston, VA working mainly on massive sulfide deposits. His studies have taken him on many foreign trips to Britain, Ireland, Canada, Norway, Sweden, Denmark, Finland, Australia and South Africa. Last year he was fortunate to be one of the divers in Woods Hole research submersible, ALVIN, examining geology and hydrothermal vents on the Juan de Fuca Ridge off the coast of Oregon.

Smith, Gregory W. (A.B.'77) - Greg wrote to tell us he is doing reservoir characterizations for enhanced recovery simulation models. At the time he wrote last Nov. he was getting ready to go to South America.

Soule, Charles H. (A.B.'72) - Chuck got married Mar. 23 '85 to Cathy Goldie of San Mateo, CA. He is going back to work for Shell Oil in Bakersfield.

Spencer, Barry C. (A.B.'74) - Barry is now with ASARCO Inc. in Reno and looks forward to a bright future. His new address is: ASCARCO Inc., 510 E. Plumb La., Reno, NE 89502.

Stegeman, Sandra K. (B.S.'83) - Sandy has found employment with a geophysical company as a geophysical technician. The company is a data processing firm and works largely for Sohio.

Stephenson, Thomas E. (ex.'44) - Tom has been on a retainer for 3 years with CVRD, the Brazilian iron ore producer, as a sales consultant. He says he can hear your editor talking as he reads about the activities of the Dept. He hopes yours truly goes on forever. What a wish. wow!

Stoffer, Philip W. (A.B.'79, M.S.'83) - Phil finished an M.A. in Librarianship at the U. Denver while working at Amoco Research Center in Tulsa as a Geologist Information Specialist. Julie, his wife, is working just across the hall as a technical illustrator. They both love the "green country" of Okla.

Thompson, Jill A. (B.S.'84) - Jill is working at Cecos International as a customer service representative.

Netzler, Bruce W. (A.B.'77) - Bruce and his wife, Roxanne, just recently had a baby girl, Katie, who is keeping them both very busy. Bruce is still working for the Mo. Geol. Sur. in the Economic Geology Sec. as the Oil and Gas Geol. Bruce states, "Yes, it is true - Missouri does have oil wells....Look out, Texas, here we come!"

Nielsen, David (A.B.'74) - David resigned as Dir. of Res. and Ed. of the Nat'l. Water Well Assoc. to take a position as Senior Hydrogeologist and Office Manager for I.E.P., Inc., Consulting Environmental Scientists. I.E.P. specializes in hydrogeological and ground water contamination investigations. I.E.P. recently opened a new office in Worthington, OH to provide consulting services for the midwestern and north-central U.S. David assured us he has not really resigned from NWWA and a good share of the work he was doing for them will be carried on by Barbara Graves.

Opalka, Richard B. (M.S.'80) - Dick and his wife, Kathy, have recently added a baby girl to their family. Kathy has made a good adjustment living with a geologist and having him spend so much time in the field.

Rambo, Daniel J. (A.B.'80, M.S.'83) - Dan has recently "tied the knot" to Beverly Scott in Aug. '84. They are living in Oxford and are both working for Miami U. still.

Reddin, Nancy J. (M.S.'81) - Nancy is working for Eastern American Energy, CO as the "entire" drafting department. She enjoys her work but is still ambitious and has the need for a higher position. Her husband, Scott, is presently interning and will complete his Ph.D. in Clinical Psychology within the next year.

Rich, Douglas H. (M.S.'74) - Doug is chief geologist with Bethlehem Mines Corp, WV. They are involved with reserve evaluations, mine planning and project development, i.e. Bethlehem's new Mountaintop Removal Project in Nicholas, WV.

Riordan, Richard F. (A.B.'51) - Dick took early retirement from U.S. Steel and is now Senior Associate with Geomapping Associates, Ltd. of Vermont, but he is working out of Salt Lake City, Utah, (which, he says, has the best snow in the U.S.A. He is getting used to being a consultant and has worked on lignites in Turkey and Greece and gold/silver prospects in Nevada and limestones in Virginia and Alaska.

Roberson, John C. (A.B.'79) - "Clay" wrote to tell us they have hired their first employee at Maverick Consulting and are looking to expand in Dubois next summer if time permits.

Russell, Robert O. (A.B.'61, M.S.'65) - Bob recently won the Alfred W. Allen award for "the superior refractories paper published during 1983". The paper was entitled "Characteristics of Refractories used in Teeming Ladles".

Shafer, Roger L. (A.B.'57) - "Rog" wrote to give us his new address: Roger L. Shafer, Executive Director, Zawawi Trading Co., P.O. Box 58, Muscat, Sultanate of Oman.

to purchase a plasma spectrometer has been funded. The proposal, worth about \$100,000, was a joint proposal with four other people, including Mark Boardman and Bill Hart. This instrument will give the Dept. for the first time the capability of making large numbers of precise geochemical measurements from major to trace elements (including rare-earth elements). There is no doubt that the arrival of the spectrometer will be a major enhancement of the research capabilities of the Dept.

Bill Hart reports that 1984-85 has been a very busy full first year here at Miami. In addition to teaching undergraduate and graduate Petrology, supervising five new M.S. students and participating in numerous laboratory revisions and upgrades, he assumed the reins of the National Parks course for the Spring semester.

This year has also been packed with travel and research. Bill made his second trip to Ethiopia during Nov. and Dec. as co-leader of a research team including geologists from Ethiopia, Case Western Reserve U., and the U. of Toronto. He also presented a guest lecture at Addis Ababa U. on geochemical techniques important in studies of volcanic petrogenesis. The ongoing research in Ethiopia involves geochronologic and geochemical studies of Ethiopian Rift and Afar volcanism with respect to volcano-tectonic and crust/mantle characteristics. Another aspect of the Ethiopian studies is regional correlation of large volume ignimbrites and widespread tephra units. Preliminary results of the latter studies were presented in two papers at the Fall '84 G.S.A. meetings in Reno. Bill is also continuing his studies of volcanism in the northern Basin and Range with colleagues Rick Carlson and Stan Mertzman. Portions of this work were reported on in Reno and in a special symposium on Western Snake River Plain Volcanism at the Spring '85 G.S.A. Rocky Mtn. Sec. Meeting in Boise. Bill was co-organizer and chair of this symposium and, together with Carlson and Mertzman, led a two day pre-meeting field trip in S.E. Oregon. He also authored a fourteen page paper in *Geochim. Cosmochim. Acta*, v.49 (1985) dealing with the elemental and isotopic evolution of N.W.U.S. volcanism.

This summer will also be busy as Bill travels to Ore., Ida., Nev. and Ariz. to supervise five M.S. students in the field aspects of their thesis work. In addition, he plans to continue his own field studies in SC Ore. Upon returning from the field, time will be spent on sample preparation, continued laboratory renovations, and planning for the arrival of the newly acquired (N.S.F. - Grant, Boardman, Green, Pacey) major/trace element analytical tool (DCP spectrometer). Trips to Washington, D.C. and Cleveland are planned for early Aug. to continue research work on the N.W.U.S. and Ethiopian volcanics. There may even be time for a quick break before classes resume.

John M. Hughes has been busy this past year. He has had papers published in the *American Mineralogist*, *Spectrochimica Acta*, *Applied Spectroscopy*, and the *Journal of Volcanology and Geothermal Research*, with two other articles in press in other journals. He has been privileged to receive three NSF grants, one for a new X-ray generator, one for continuing support for his work on vanadium minerals and one (in conjunction with two chemists) for a new single crystal

diffractometer. Hopefully, at this time next year he can report on the research produced on these grants.

Through John's quiet persistent efforts Room 104 now has a drywall separator with door that encloses the X-ray area away from prying eyes and naive curiosity of the uninitiated.

Karl Limper is saying his piece in "From the Chair of the Editor's Desk".

Wayne Martin led a spring field trip for advanced students through S.W. Ohio on to the Morehead, KY area. Mark Boardman served as co-leader. In May Wayne assisted Mark for a week long course on carbonate sedimentary environments offered in the Bahamas.

Four of Wayne's graduate advisees completed work toward their Master's degrees this year: Chip Betz, Mike Rendina, Mark Brockmann and Oladipo Adenuga. Although he will be working in Wyoming this summer with a thesis advisee, he will not teach in the field course program. Helen and Wayne plan to return to the Canadian Rockies briefly this summer.

Recently, Wayne assisted Will Blackwell and Martha Powell, both of the Botany Dept., and Joe Marak, Curator, Geology, in research on an oncolite zone in the rocks near Richmond, IN. A paper has been published in the Bull. of the Torrey Botanical Club.

Larry Mayer offered a new field course for graduate students this past year. The course, entitled "Late Cenozoic Tectonics and Geomorphology of the southwestern United States", involves field work in Colo., New Mex., Ariz., Nev., and Ut.. The course was offered this past summer as a workshop and lasted just over three weeks.

He is serving a three year term on the editorial board of GEOLOGY. In addition, he participated in a Penrose Conference on "Climatic Impacts on Geomorphic and Stratigraphic ..." convened by John Dohrnwend, Steve Wells, and L.D. McFadden. He presented a paper at the Rubey Conference at U.C.L.A. on the subsidence analysis of the Los Angeles basin and another paper at the Tectonic Geomorphology Symposium held at Binghamton, N.Y.

The first phase of research along the Madison Fault, Montana, and the Wasatch Fault, UT is now complete with very interesting results. The Madison Fault appears to be segmented and therefore different portions of the fault may break with consistently different rates and displacements.

The soils research that Larry began several years ago is now approaching completion. Mike Anderson presented an abstract at GSA, Reno, summarizing the results of their study in the Mojave country.

The introductory course, Environmental Geology, that Larry teaches in the fall is steadily growing in size. He hopes that as more students become aware of the course it will continue to attract interested students.

Lynn, Jeffrey S. (A.B.'73, M.S.'75) - Jeff and his wife had another son, Joshua Scott, on Oct. 3 '84. In the spring of '84 Jeff spent a week in Denver and ran into Dave Scanlon and Renee Davis at a convention in Wichita, KS. He wants anyone going to Oklahoma City to drop in.

Maher, Thomas M. (M.S.'81) - Tom has been transferred by Texaco to White Plains, NY where he will be working in international exploration. He wants to say "hi" to Geoff Staursky and Jeff Ratliff.

Martin, Linda (Hudson) (A.B.'75) - Linda was expecting a child when we received her communique in Oct.'84. She is still teaching earth science to ninth graders and her husband has started his own company, Sterling Process Engineering.

McAloon, Anthony J. (A.B.'78) - Tony wrote to tell us he is now a Marketing Representative Geologist for Exploration Logging of U.S.A. Inc.

Mendel, Stuart (A.B.'83) - Stuart is a science teacher at West Nottingham Academy in Colora, MD and also a graduate student in cartography and physical geography at Towson S. U.

Miller, David D. (A.B.'79) - Dave was married to Kathleen Whalen on Sept. 4 '82. Their son, Bradley Joseph, was born Feb. 2 '84. They bought a house in Littleton in Sept. '83.

Miller, Mark D. (B.S.'83) - Mark has informed us that upon graduation in 1983, he traveled to Alaska where he is now employed as a logging geologist with Exploration Logging Inc. In his time off Mark has been enjoying the great State of Alaska by fishing and skiing.

Miska, William S. (B.S.'58, M.S.'60) - Bill, Joan and family enjoyed two days at the World's Fair in June '84. He and Joan have now visited 48 states. One of his duties as supervisory program specialist for the Office of Surface Mining is to oversee the processing of applications from Ohio for abandoned mines land reclamation. As of Sept. 30, '84 the total funds approved in the form of grants to Ohio was forty million.

Moore, Jean (Edwards) (A.B.'38) - Jean and her husband have been traveling extensively throughout the U.S. since her retirement from Exxon Chemical in May of '82. This year they ventured through Colo. Wyo. and Mont. Jean loves to travel.

Morrow, David L. (A.B.'48, M.S.'49) - Dave has informed us that his "late in life" ambition is working forever. He feels that he has an unfortunate look at longevity and age and so plans to work at least an additional 2-7 years.

Neal, Thomas C. (B.S.'83) - Tom has been recently serving in the U.S.N. on the USS Kinkaid (DD-963). He will be in the service for the next three to four years. If he does not make the navy his career, he plans on returning to college to attain a further degree related to geology.

Hatton, Richard J. (A.B.'83) - Rick is now working as a technical representative for Fisher Scientific Co. in the Cleveland, OH area.

Herbert, Frank J. (A.B.'52, M.S.'58) - Frank left NASA on Jan. 8, '85 to retire early. He then opened up a real estate inspection business called H&H Inspections, Inc. He wishes to be remembered to Wayne Martin.

Hillman, Charles T. (M.S.'70) - Tom is still Supervisor of the U.S. Bur. Mines at Spokane. He tells us that his wife, Lonni, owns a thin section business called Pacific Petrographics.

Hinkley, Everett A. (M.S.'84) - Everett is still living in Houston at 13102 Fallsvie Ln. #5024, Houston, TX 77077. He is busy looking for a job and remains optimistic, but would really appreciate it if anyone should share any employment information.

Homan, Joseph V. (B.S.'83) - Joe is Staff Scientist at D.H.R., Inc. where he is doing research on earth satellites under government contract. He is in charge of collecting, analyzing and organizing data into a data base on their computer and will be writing and editing a text for input in an Air Force document. He is in charge of the Dayton office computer system and interfacing with Corporate Headquarters in Washington. His wife, Dorothy, is asst. manager in a retail store.

Jacob, William H. (B.S.'83) - Bill has just recently left the Defense Mapping Agency and has enlisted in the U.S.N. He will become an officer in June '85. Bill has kept quite busy since his graduation. He is playing ice hockey, going on collecting trips in the Blue Ridge and taking computer classes in the evening.

John, Adrian M. (B.S.'66) - A.J. is teaching school at Bristolville, OH and is currently studying environmental education at Slippery Rock U. Pa.

Kelly, H. Dean (A.B.'42, M.A.'50) - Dean retired in the fall of '83 after 40 years as a School Administrator. He served as Director of the Oberlin College Reading Clinic during the 1983-84 school year. Now he is opening several learning centers which serve learners from 6 to 70 years old.

Kelly, Stuart M. (A.B.'76) - Kelly married Shirley Jones in Oct. '84. During that same month he received a Ph.D. from IN U., Bloomington. He is now a visiting Asst. Prof. at Wright S. U. He has stopped by Miami from time to time and expects to visit in the future.

Kessler, Kirk J. (A.B.'82) - Kirk expects that he will have earned his master's degree in hydrogeology at the U. of Toledo in the summer of '85.

Kilburn, Richard F. (A.B.'64) - Dick is now a USAF Lt. Col. specializing in management of Signals Intelligence. He's currently assigned to the Intelligence Directorate of the U.S. Pacific Command at Camp Smith, HI. He appreciates catching up on the folks from Brice Hall. Dick has been married since '70 to the former Sandra Sutton of Atlanta. They have two children.

Robert McWilliams presented a paper entitled: "Sedimentological interpretation of Blue-green Algae Colonies in the Lower Eocene Indian Meadows Formation, of the NW Wind River Basin, Wyoming at the national meeting of the G.S.A. This paper was the result of collaboration with Pedro Munoz and Will Blackwell.

This summer Bob will be developing some new field exercises dealing with metamorphic and volcanic rocks for the geology field station. This activity is sponsored by an M.U. Improvement of Instruction Summer Fellowship. He will be working with the field geology students first session but will not be one of the regular faculty. He will teach the second session, however. After the second session he will attend the 1985 Archean Geochemistry Field Conference in the igneous metamorphic complex of the Wind River Range.

John K. Pope's principal activity this year has been continuing his study of Rafinesquina from the Middle Ordovician of Ky. In Sept. John and his four graduate students took a trip to Swatara Gap, Penn., to collect fossils from the Martinsburg Shale at this well-known locality near Lebanon. One of the students, David Lehmann, will study the paleoecology of the Swatara Gap locality for an M.S. thesis. Tony Martin, another M.S. student, has just about finished a commendable study of the cause of micromorphism in the phosphatic molluscan fauna of the Arnheim Formation and the regional variation of species in the fauna. This year, Frank Bliss finished his detailed M.S. thesis on the "concrete layer" in the Richmond strata of Franklin Co., Ind.

In mid-May, John visited San Salvador Island, Bahamas, in order to prepare for a field trip there with 32 students next March. In early June, John and Gracia went to Cambridge, MA, to see Susan and to attend Jonathan's graduation.

Dave Scotford thinks that by now you are probably all quite bored with reading about his parapetitic lifestyle. In being brief, he lists the places visited since last year as London, Edinburgh, the Scottish Highlands, Cornwall, the Florida Keys, the Berry Islands in the Bahamas, the Gros Ventre's in Wyo., Big Bend, Ore., San Francisco, Cal., Durango and Monterey, Mexico, San Antonio, Tex. and Juneau, Alaska. He was variously accompanied on these trips by his thesis students, a group of eleven graduate students, a group of undergraduate students and his wife, Pat, and Karl Limper. In between all these wanderings he has been teaching structural geology, petrology and optical and supervising eight master's theses. He's not complaining, he's bragging.

Joe Marak, our faithful Karl E. Limper Geology Museum curator, as in the past, extended the museum hours for Alumni Weekend, Little Sibs Weekend, Parents Day, and District Science Day. In addition, he helped entertain members of the Cincinnati "Dry Dredgers" and the Bruckner Center Gem and Mineral Club. There were 395 elementary children who toured the museum this past year.

The computer cataloging program performed well and

approximately 3,585 records were entered into the computer catalog for 30,223 Articulate Brachiopoda. A total of 65,641 fossils have been cataloged. Joe wanted to acknowledge the valuable assistance of Frank Forsthoefel (one of this last year's work study students) and Stephanie Mosher, a geology graduate student.

### M.U.G.S. NEWS

The M.U.G.S. 1984-85 term began with the Faculty-Student picnic at Pfeffer Park. Softball, volleyball and, of course, food were the main events. The officers, M.B. Fielman, Pres., Darlene Cummings, V.P., Rhonda Beyke, Treas., Gary Swierc, Sec'y., remained busy first semester with fund raisers, which included bake sales, and a very impressive rock sale. The club also received a grant for a fall trip to the Appalachians. Other activities included the Halloween party and the ever popular Christmas caroling night.

Second semester events included more bake sales and talks from the professors. Dr. Scotford "talked turkey", Dr. Hughes informed us about El Salvador and, of course, Dr. Martin gave the ongoing field campers his insights into Wyoming.

Most of the efforts, though, were spent planning the Annual Banquet, and the hard work paid off. Not even the bad weather or the "chilly" banquet room could put a damper on the festivities. Dr. Limper - a Miami institution - was roasted, with a little help from Dr. Scotford, Dr. Hughes and Tony Martin.

Elections resulted with Darlene Cummings becoming Pres., Christl Leutz, Vice-Pres., Carol Gerber, Treas. and M.B. Fielman, Sec'y.

Prospects for the upcoming year include fund raisers, field trips and increased membership.

Special thanks to Dr. Scotford, our advisor, for his insight and helpfulness.

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### QUIPS & QUOTES

It is said gossip is like confetti - easy to throw around if you want to leave a mess behind.

Fernandez, Rene L. (B.S.'72) - Rene' earned an M.S. from Akron. He and his wife, Mary Helen, have adopted 2 daughters, Sherry Lynn, age 4 and Tina Marie, age 3. They now live in Worthington, OH.

Freas, Robert C. (M.S.'68) - Bob informed us that he had co-chaired the International Bauxite Symposium held in Los Angeles in Feb. '84 in conjunction with the AIME Annual Meeting. Feb. '84 of this year he became the chairman of the Industrial Minerals Div. of AIME. Two of his four youngsters are now in college.

Frye, Mark W. (A.B.'76) - Mark has become an avid skier and enjoys the mountains of Col. both in winter and summer.

Giuseffi, David F. (M.S.'82) - David James arrived on the scene to Lisa and Dave on Jan. 14 '85, weighing in at 7 lbs. 12 oz. Dave said he and his wife are very happy and also glad their new son was not born with a "rockhammer" in his hand.

Gorman, Linda Bell (B.S.'66, M.Ed.'70) - Linda wrote from Jacksonville at the time she and her husband were enjoying entertaining Phil and Martha Shriver. She said she misses all and especially the geology department.

Gospodarec, Judith (Blakemore) (M.S.'83) - Judy's news was really sweet! She said she and her husband, Mark, are having a wonderful life.

Gries, John P. (A.B.'32) - John is still consulting part time and is beginning the authorship of a comprehensive history of mining in the Black Hills of S. Dak.

Hakkio, Lisa B. (A.B.'80) - After 2 years working for Amoco in Houston, Lisa was transferred to New Orleans. She sent special greetings to the editor and Dr. Pope and would like some news from Kim Ehret.

Hall, Donald L. (A.B.'74) Don is teaching earth science and computer programming at Manatee Community Coll. in Bradenton, FL. He and Michelle had their second son, Geoffrey Preston, on Aug 29 '84.

Harbke, Richard (A.B.'58) - When Dick Harbke brought his stepdaughter, Kelly Krotine, to Miami last August he was pleasantly surprised to find the campus still quite lovely. He was later further surprised to find that Kelly was in Jim Bever's gems course. This brought back nostalgic memories and he wrote a long, newsy letter to Jim filling him in with his activities over the past years and his progression into the marketing research world.

Harris-Noel, Ann (Graetsch) (M.S.'58) - Ann was appointed by Gov. Celeste to a 3-yr. term on the Advisory Board on Energy the latter part of last year. She will represent colleges and universities and be responsible for H.B. 383 Mine Subsidence Insurance. The Youngstown S.U. Geol. Dept. was moved to more spacious quarters in the Science-Engineering Bldg. during the winter of this last year.

Logging and John Shirley (M.S.'79) who is an international geophysical consultant based in Newtown, NY.

Chow, Minchen M. (M.S.'48) - "Min" wrote to us from Peking and related the news that he is now vice-president of the Int'l. Paleont. Assn.

Coates, Kelly C. (B.S.'79) - Kelly and his wife, Jann (Tiberghin), (B.S. Ed.'79) have purchased a 17-acre farm. They have four cows, 2 horses, 1 sheep, 1 goat, 3 dogs and numerous cats. Kelly tells us that the livestock in addition to their young son, Garrett, keep life lively!

Cornell, Esther (Thompson) (M.S.'69) - Terrie's news was a bit unique - she was appointed to the 27-member Texas Science & Technology Council, which meets quarterly in Austin. The only other woman on the council is Sally Ride, the astronaut. Terrie still works part time at the El Paso Centennial Museum, putting together a new room of fossil and dinosaur exhibits. Husband, Bill, is still teaching geology at UTEP. Her children are 7 and 11.

Coyle, Leslie (Parkerson) (A.B.'77) - Leslie has been enjoying frolicking with her children, now 3 and 5, as they go exploring the woods, fields and the beach. She also teaches English smocking.

Crawford, Charles M. (B.S.'74, M.S.'77) - "Crawd" noticed that Oklahoma rates 6th in the number of Miami geology grads. He was interested in acquiring the names of the others in his state. We will try to get some addresses for you, Charles.

deWys, Jane (Negus) (A.B.'46) - Jane wrote to tell us that she has earned a Ph.D. and is working as a research specialist for Exxon Production Research. Jane, let us know where you obtained your doctorate.

Duerr, John C. (A.B.'36) - John retired after 41 years of teaching. Congratulations, John. We all hope you will enjoy your retirement. John grew up with his neighbors, Jim and Bill Shideler. He graduated from McGuffey School with Jim.

Ehret, Kimberly S. (A.B.'80) - Kimberly wrote to say she is working for the Miss. Dept. of Nat. Resources, Bur. of Land and Water. She has been investigating ground water use in Miss. She has earned a promotion from Geologist II to Geologist III. Last Thanksgiving she went to Houston and ran into Joe and Liz Mauch.

Faithful, Peg (Svenson) (B.S.'71) - Peg celebrated her 10th year in Alaska last Sept. Her work involves her with automated teller machines - the software that drives them. Her hobbies take up a great deal of her spare time. She's with the Sweet Adelines, Inc. (the feminine barbershoppers) and she does a lot of dancing, round, square and clogging. It sounds like you lead a very interesting life, Peg.

Fell, Shawn T. (A.B., B.S.'79) - Shawn has a new teaching position in Physical Science, Kamehameha Schools, HI. He said he finds studying wave action and erosion at Waikiki and Diamond Head beaches very enjoyable from the vantage point of his surfboard.

## Ph.D., MASTER'S AND BACHELOR'S DEGREES

### Ph.D.

Chalokwu, Christopher I., May '85, A geochemical, petrological and compositional study of the Partridge River Intrusion, Duluth Complex, Minnesota.

Gargi, Satya Parkash, May '85, Geometric and kinematic analysis and geochemical study of the Corbin Complex and its associated rocks in the Blue Ridge, NW Georgia.

### Master's

Adenuga, Oladipo S., May '85  
Betz, Christopher E., Dec. '84  
Bliss, Franklin E., Dec. '84  
Brockmann, Mark E., May '85  
Connair, Dennis P., May '85  
Dulin, Lise A., Dec. '84  
Hunter, Gerhart E., Aug. '84  
Rendina, Michael A., May '85  
Schoenborn, William A., Aug. '84

### Bachelor's

Balazs, David J. (A.B. GLG, B.S. Min.),	Mignery, Thomas J., May '85 <i>sent St.</i>
Barnett, Daniel E., May, '85 <i>MS, PhD. Dartm.</i>	Mitchell, Jon Eric, May '85
Bournigal, Wilhelm L., Aug. '84	Norton, Melinda R., May '85
Coe, Michael T., May '85	Sasala, Connie S., Aug. '84 <i>HU</i>
Cooper, Jeanne L., Aug. '84 <i>HU</i>	Saylor, John F., Dec. '84
Enderle, Allison L., Dec. '84	Sizelove, Kimberly J., Aug. '84 <i>M.U. Geos.</i>
Hahn, Douglas A., Aug. '84	Stageman, J. Christopher, May '85
Kamman, Gregory R., May '85 <i>M.U. M.S.</i>	<u>Swierc, Gary L., May '85</u>
Kelley, Michael W., May '85	Taylor, David A., May '85

\* \* \* \* \*

*deceased*

## STILL MORE BONERS

"Large herbivorous dinosaurs found it difficult to evade their creditors".  
- Don't tell the I.R.S.

"A study of the fossil algae of the Dead Sea should include stromatolites and oncolights".  
- Always check the along shore portojohns to be sure they're well illuminated.

## ALUMNI NEWS

Allwine, David A. (B.S.'84) - Dave wrote to tell us he has had no luck in the geology job market, but until he can get a position in geology, he is taking odd jobs. He likes Maine and has been doing a great deal of backpacking and canoeing. Dave also wrote a long, newsy letter to Dave Scotford asking his advice and expertise on some matters.

Apostoluk, Peter R. (ex.'83) - Peter is working for Charles E. Merrill Publishing Co. as a science editor. He married Kelly Sullivan in the Spring of '84 and they have a daughter, Stephanie, who was born in November.

Armbrustmacher, Theodore J. (M.S.'63) - Ted is still supervisory geologist for U.S.G.S. in Colo. He is involved with studies of alkaline igneous complexes in Colo., Mont. and Alaska. Associated mineral resources of thorium, uranium, rare-earth elements, niobium and titanium are being evaluated. Ted has been with U.S.G.S. now for 18 years.

Bamberger, Mark J. (A.B.'84) - Bambi is in Kansas and makes the observation that Kansas is "definitely not Oxford" but he is enjoying a 20 hr. job and is also going to school at Wichita taking petroleum geology, numerical geology and a graduate geology seminar (12 cr. hrs.). He enjoys a spacious studio-type apartment. He would like to receive some correspondence at his address, 4000 E 17th, Apt. 636B, Wichita, KS 67208.

Bartels, Karen (Johnson) (A.B.'79) - Karen has a new address, 2151 Medford #39, Ann Arbor, MI 48104.

Bayha, David C. (A.B.'56, M.S.'65) - Dave has a new address, 405 Lee Way, Bel Air, MD 21014. His wife, Loretta, wrote to us to let us know that Dave has developed a rare auto-immune disease called polychondritis. It was diagnosed by Johns Hopkins where they have seen only 8 cases in 20 years. Dave is taking a drug normally used to control leprosy which appears to be working. Our most sincere good wishes for you, Dave, we hope you will continue to benefit from the drug you are taking.

Bendula, Richard A. (A.B.'82) - Richard has recently purchased a home at 1026 Davey St., Kent, OH 44240. He has received a grant from A&B Refuse Disposalers Inc. for "Geotechnical Evaluation of Existing and Potential Landfill Sites in Portage Co., OH.

Bernard, Jerry M. (A.B.'72) - Jerry is still the State Geologist and is responsible for all geologic aspects of the State Soil Conserv. Svce. programs, including engineering geology (instrumentation of high hazard dams, soils exploration, etc.), soil erosion and sedimentation. One concept that Perry Stewart would enjoy hearing about is the application of geomorphological principles in preparing final engineering designs. Jerry is currently working on two watersheds in southern Ind. using this approach. He is also the State Water Quality Coordinator and has been busy teaching water quality

principles. He relates having had an interesting discussion with Dr. Ruhe at I.U. last year and he maintained that the National Geographic article on soil erosion depicted him inaccurately as a renegade geomorphologist.

Bersticker, Albert C. (A.B.'56, M.S.'58) - Al's daughter, Karen, attended Limper's geology of U.S. National Parks course as a Miami student last fall. We didn't see the Bersticker parents at Shideler.

Beskid, Nicholas J. (M.S.'71) - Nick is still with Battelle's Crystalline Repository Development project, but he has been transferred to Battelle's new Chicago office on Cass Ave.

Biehl, William J. (A.B.'80) - Bill is working for Alpha Gas Development, Inc. in Corbin, KY as a geologist. He is working with his roommate from Miami, Jim Feiler (A.B.'81). They are exploring for natural gas and petroleum plays in KY. He invites anyone from Miami's structural field trip as they pass through the area to visit and investigate some significant geologic features. If interested, write Bill at Alpha Gas Development, Inc., P.O. Box 360, Flat Lick, KY 40935. Bill, you haven't told us if you changed your personal address.

Blackhall, Raymond N. (M.S.'74) - Ray and Sally had a busy year making trips to Colo. and N.Y. They hope everyone in the Dept. is fine. Ray tells us he "will be glad to help any grads heading toward Houston".

Brendel, Gregory W. (A.B.'80) - Wally married Roxanne Getter in Victoria, TX on May 26 '84. There were several Miamians at the wedding.

Brinker, W. F. (A.B.'42) - W.F. sent the editor a cross-section (both balanced and unbalanced) of an area in the Overthrust Belt of SW MT. - EC ID, which he has been working on for 40 yrs. Thanks for the info. Your editor thinks that R.T. Chamberlin taught structural geology at Chicago.

Burgdorf, Gregory J. (A.B.'78) - Greg presented a technical paper at the National Water Well Assoc./EPA "Surface and Borehole Geophysics in Ground Water Investigations" Conference in San Antonio, TX on Feb. 7 '84. He's been in touch with Rick Boone.

Cavender, Marlin J. (A.B.'82) - Jay wrote to us too late for our '84 Shibleth but at that time mentioned that he was going to be married to Lisa Baber (B.S.'83). As geologist for the Eagle Mountain Energy Corp. in Reynoldsburg, OH, he helps to develop oil and gas in the Appalachian Basin. The company generates and evaluates prospects and drafts subsurface maps. Much of the work in E. Ohio area pertains to development from the Lower Silurian Grimbsy "Tongue" and the Whirlpool Sandstone. For relaxation, Jay is enjoying golf and hopes to take up skiing.

Chapman, Curtis R. (M.S.'79) - Curt wondered why he didn't see any news in our last Shibleth regarding "Rocky" Reinhart. He sees both Jeff Porter (A.B.'79) who sells mudlogging services for Ragsdale Well