

Brice Hall



## The Shideler Shibboleth



ALUMNI BULLETIN  
DEPARTMENT OF GEOLOGY



MIAMI UNIVERSITY

No. 32  
1983

OXFORD, OHIO 45056

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Mr. John C. Metzger (A.B.'42)  
Mrs. Krista Ditzel Miller (A.B.'78)  
Mrs. Ann Noel-Harris (M.S.'58)  
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Mr. Dirk Van Hart (M.S.'67)  
Mr. Robert M. Walter (A.B.'77)  
Mr. James R. White (A.B.'50;M.S.'51)

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THEY CALL THIS WORK IN THE BAHAMAS

received.

Bill Zhong (M.S.'82) is working in engineering at Kigre Inc. out of Toledo, OH His address is: 4960 Burkewood Court #203, Sylvania, OH 43560.

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#### CONTRIBUTORS TO THE SHIDELER FUND

July 1, 1982 through June 30, 1983

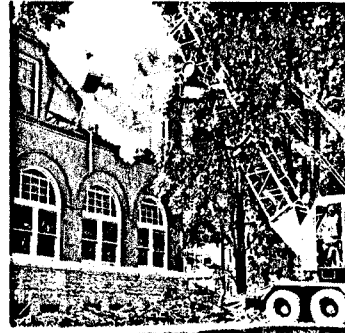
This list has been graciously supplied to us by the Alumni Office. We hope it is complete and correct, but we do need to know of any inaccuracies.

We warmly appreciate these gifts from the following contributors and would be delighted to see this increase ten-fold. Remember, contributions sent to Miami University may be earmarked partially, or completely, to the W.H. Shideler Memorial Fund. Excellent use of the funds is made by the Department for its programs, equipment and students.

Mr. Chester E. Baker, Jr. (A.B.'47)  
Mr. Karl E. Becker (A.B.'39)  
Mr. & Mrs. Albert C. Bersticker (Al-B.S.'56; M.S.'58 & Frances)  
Mr. Nicholas Beskid (M.S.'71)  
Mr. & Mrs. William F. Bishop (Bill-A.B.'54; M.A.'57 & Julia-A.B.'58)  
Mr. Arthur L. Bloom (A.B.'50)  
Mr. & Mrs. Charles M. Bock (Chuck-A.B.'57; M.S.'58 & Gail)  
Mr. & Mrs. Richard L. Boone (Rick-A.B.'79 & Jeanne-A.B.'79)  
Mr. Benjamin R. Brace (M.S.'68)  
Mr. & Mrs. Stephen W. Brown (Steve-A.B.'72; M.S.'74 & Cynthia)  
Mr. & Mrs. H. Donald Bryant (Don-A.B.'56 & Marcia)  
Mr. Phillip E. Byrd (A.B.'79)  
Mr. & Mrs. Tom W. Carpenter (Tom-A.B.'74 & Jessica)  
Mr. Joe D. Cathey (A.B."GEOG" '72)  
Mr. & Mrs. Michael S. Chappars (Mike-A.B.'25 & Marie)  
Chevron Oil Company  
Mr. & Mrs. John B. Curtis, Jr. (John-A.B.'70; M.S.'72 & Barbara)  
Mr. & Mrs. Michael K. Dalton (Mike-A.B.'74 & Sarah-B.S."E.Sci." '72)  
Mr. Robert L. Detterman (A.B.'41)  
Ms. Kimberly S. Ehret (A.B.'80)  
Mr. & Mrs. Thomas W. Ellison (Tom-A.B.'39 & Jane)  
Mr. George W. Garman, Jr. (A.B.'53; M.S.'54)  
Mr. Harry D. Gibbs (A.B.'47)  
Mr. & Mrs. Serge Gonzales (Serge-M.S.'60 & Dallas)  
Mrs. Jane Curtis Granger (A.B.'52)  
Mr. John D. Harding (A.B.'72)  
Mr. Frank W. Harris, III (M.S.'77)  
Mr. & Mrs. Gregory C. Hatch (Greg-A.B.'55; M.S.'56 & Carol)  
Mr. Gordon L. Heele (A.B.'61; M.A.'63)  
Mr. Frank J. Herbert (A.B.'52; M.S.'58)  
Ms. Karen I. Johnson (A.B.'79)  
Mr. Harry B. Kuder (A.B.'55; M.S.'64)  
Mr. Richard W. Lemon (A.B.'61)  
Mrs. Elizabeth Lengyel (A.B.'66)  
Dr. & Mrs. Karl E. Limper (Karl-Prof."Emeritus" & Betty)

#### FROM UNDER THE CHAIR OF THE (ED'S) DESK

For the 1982-83 newsletter you should sense, as you read on, the excitement of progress and development that has occurred. It has been a good year! Your editor would be most remiss if he didn't take this opportunity to thank the many loyal alumni who responded this year so enthusiastically with gifts and delightful notes. We're most appreciative for your words and contributions to the development of the department.



OLD BRICE HALL GIVES WAY

Some time during this school year it came to my attention that it was 35 years ago (1949) that our first departmental newsletter was printed. It was 4 mimeographed pages in length and entitled "The Brice Hall Breeze" with J.J. Wolford as editor. Its stated purpose of keeping contact with "grads" and recounting departmental news of the year has been the guide for all subsequent copies. Nostalgic trivia from that issue includes the notes that 5 faculty (Shideler, Wade, Wolford, Limper and Flaschen) had "practically no time for research" while teaching almost 600 undergrads and Master's students with 44 undergraduate majors and 9 graduates working for the Master's degree. In those days, field trips and the Wyoming field station were "out-of-the-classroom" activities. The University enrollment then was 5300 students; Reid Hall (for men) had just been completed; Upham Hall was nearing completion after which all of Brice Hall was to be inherited by geology; Vet Village and the converted barracks of W.W. II housed married and unmarried veterans; the N.R.O.T.C. was just installed; and Woody Hayes and John Brickles were guiding our football destiny. That issue listed 73 alumni although there was the ever-present plaintive plea to help track down names of the missing.

Contrast 1983 with our 99 undergraduate majors, 50 Master's and 7 Ph.D. enrollees from a student body of some 15,000. Change, growth and development are ever true.

Lest it be overlooked I want to take this opportunity to let you know that Alice Peo and her staff, Roberta Crain and Virginia Tobeson are the real workers back of this newsletter. Without their tireless efforts naught would be printed.

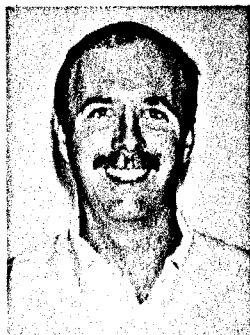
In the latter part of March your editor lost his "long-enduring" inspiration when Betty Limper finally succumbed to the ravages of cancer. A considerable number of you alumni have sent most heartening and comforting letters. I'm deeply indebted to y'all for your thoughtfulness. She is missed!

#### FROM THE DESK OF THE CHAIR

It has been said that nothing is as constant as change itself and to some degree this has been true for the Department for the past several years. As I mentioned in my last report, we were fortunate to have Dr. James Carl join the Department for the 1982-83 academic year. Jim was on a sabbatical from Potsdam State University and came to Miami because of the mutual research interests that he and Norman Grant share concerning Adirondack geochemistry. Duty calls the Carls back to New York this June; thus this past year we conducted a national search for a person to fill this tenure-track position. This is the third consecutive year that we have been looking for a new faculty member.

Given the Department's stated goal of maintaining the breadth of its geologic expertise and instruction, it was decided that the area of greatest present need is in the area of igneous petrology. Consequently we advertised widely and received 53 applications from exceedingly well-qualified individuals. We were most pleased to receive an acceptance of our offer from Dr. William K. Hart, our first choice for the position.

Bill is currently on a two-year post doctoral appointment at the Carnegie Institution's Department of Terrestrial Magnetism. In 1977 he received his B.A. from Franklin and Marshall College (the same Alma Mater as our John Hughes) and the M.S. and Ph.D. degrees from Case Western Reserve University in 1981 and 1982 respectively. The title of his dissertation is: "Chemical, geochronologic and isotopic significance of low K, high-alumina olivine tholeiite in the northwestern Great Basin, U.S.A.". As indicated by his dissertation title, his research interests lie in the application of stratigraphy, geochronology and geochemistry to the understanding of the petrogenesis, isotopic evolution and geochemistry of the Earth's crust and mantle. To this end, Bill has had experience using the standard petrographic and X-ray techniques as well as K-Ar extraction systems and spectrometers, oxygen extraction and spectrometers, and all the geochemical preparation facilities and spectrometers used for REE analyses and Rb-Sr, Sm-Nd and U-Pb geochronologic and isotopic studies.



BILL HART JOINS MIAMI

Bill is not, however, simply a laboratory technician. He also enjoys working in the field. Provided permission is obtained from the Ethiopian government, he will be a member of a team to visit the Afar region of western Africa this fall as part of an ongoing study of hominid evolution in Africa.

Bill also has had industrial work experience with the Climax Molybdenum, General Crude Oil and AMOCO Production companies and thus is

Dennis Stump (A.B.'79) has earned his M.S. from the U. of Toledo, working under Miamian Bill Kneller (A.B.'51; M.S.'55). He worked with Cities Svce. Co., Tulsa until Nov. of 1982 as a geophysicist. He transferred to Getty Oil Co., Houston, TX as an assoc. geophysicist - working Federal waters (Gulf of Mexico). He's met many Miamians here in Houston and enjoys all the "tidbits" we supply in the Shibboleth. His address in Texas is 2023 S. Gessner #K-5, Houston, TX 77063.

Mark Sunwall (M.S.'76), his wife, Deborah, and son, Evan (2 years old) are enjoying their new location at 448 Beverly Garden Drive, Metairie, LA 70001. Mark is an explorationist for Texaco in the Offshore Div.

Betty Jo Swartz (A.B.'82) tells us she has a new address and can receive mail at: General Delivery, c/o Hughes, Neville, OH 45156.

Jerry Teuschler (B.A.'82) is now a Procter & Gamble Raw Material Techn. at P&G's Sharon Woods Tech. Ctr. in Cinn. He and his wife, Kelly, live at 8951 Eagle Creek Road, Cincinnati, OH 45247.

Dick Thompson (M.S.'63) wrote to let us know of a Miami mini-reunion held in Harrisburg, PA hosted by him and his wife, Joann. The Miami Banner flew proud and high as geologists converged on their residence. Present were: Dave Bayha (M.S.'65) and his wife, Loretta, with their 2 children, Julie and Karen, Jack Cunningham (M.S.'61) and his wife, Pat, Ray Robison (ex.'57) and his son, Bryan and Bernie Baker (A.B.'59; M.S.; '64) and his wife, Betty.

Em Wegert (A.B.'79) has a new address: 408 Ridge Road, Apt. #2, Greenbelt, MD 20770. She also tells us that she's at school again at the U. of MD.

Bob Wells (A.B.'71) was kind enough to give the Department a copy of the U.S. G.S. Paper #1250 on the eruption of Mt. St. Helen's. The volume contains detailed information about the eruption and is beautifully illustrated. Bob did a good job as editor. Congratulations, Bob, on a fine publication.

Jeff Williams (M.S.'79) is Chief, Branch of Energy and Minerals, B.L.M., Eastern States Off. in Alexandria, VA. He and his wife, Margaret, live at 7609 Hopewell Ave., Springfield, VA 22151.

Frank Wright (M.S.'70) is a Geologist for Mobil Oil in N.Y. He and his wife, Kay, live at 597 West Hill Road, Stamford, Ct. 06902.

King-Chih Yang (presently Jing-Zhi) (M.A.'48) is still Professor at Nanjing Institute of Geology and Paleontology, Academia Sinica, Chi-Ming-Ssu, Nanjing, People's Republic of China.

Lancy Yau (M.S.'82) says "hello" to everybody and tells us she is now teaching a mineralogy lab and doing research on high resolution electron microscope with application to clay diagenesis. She took a Ph.D. exploratory oral exam and was a little disappointed with how it went. She had occasion to give a talk at a mineralogical seminar and it was well

Jack Seaton (A.B.'35) tells us that his wife, Gladys, has retired from active nursing. Since leaving SOHIO after service stations, sales engineering and all phases of refineries, the closest to geologic work Jack has come is ownership of Texaco stock. He operates a printing concern in Piqua, OH. Jack says he's recently had a 30-day hospital lay up for an unstable diabetic condition. He feels that although Doc Shideler strongly shaped the course of his life, so did J. J. Wolford. Hope you can get stabilized, Jack, so you won't have to spend any more time in the hospital.

Scott Seywert (A.B.'75) only now lets us know that he married Genie Troughton on December 19, '81. It is a bit late, but "Congratulations! to both of you. Scott is still in the Navy but has transferred to the Antarct. Devel. Sq. Six and is presently deployed to the South Pole in support of a N.S.F. project. His new address is: 1948 Abbott Ave., Camarilla, CA 93010.

Rog Shafer (B.A.'57) is now Proj. Coord. for Raysut Cement Co. in Salalah. He and his wife are enjoying life in the Middle East and the Arabian Sea is in their front yard. Anyone coming to Oman is invited to call them 0/601264 or H/600575. His address is: Raysut Cement Company, P. O. Box 6005, RUWI, Sultanate of Oman.

Judy (Luhn) Sneed (M.S.'68) has had a very busy year. She and her family enjoyed watching the boys play Tee Ball and they even won three trophies! In June she and the boys took off for their annual trip to Montana. They made a 6-hour stop in Denver and had a great time visiting with Cammie (B.S.'65) and Ron Houpt (M.S.'68) Judy, how about giving us their new address. In October Judy attended a 20-year high school reunion in Cinn. with her sister, Grace. Eighty-three members of the class attended. She said nothing looked familiar. She came to Oxford for a very quick visit to Shideler Hall but, unfortunately, it was on a Saturday and she missed seeing a lot of folks. It was great hearing from you, Judy.

Dave Soller (M.S.'78) is working on a Ph.D. at George Washington U. He's working at USGS in Reston and part time for a Geophysical Consulting Firm in McLean, Virginia. During his spare time, Dave has been raising Labrador Retrievers. He and his wife, Linda, love being back in VA. His address is still: 2016 Headland Circle, Reston, VA 22091.

Gerard Spinnler (M.S.'79) is still pursuing a Ph.D. at A.S.U. He and his wife, Polly, keep in regular contact with Phil Molling - last sighted in northern New Mexico. Hope you made that G.S.A. meeting in New Orleans last October, Gerard. Do you have a home base address for Phil? We don't have one here at Shideler. Good to hear from you.

Geoffrey Staursky (A.B.'79) has sent us his new address - 1425 Creston Way, Edmond, OK 73034. Hope you enjoy being a "Sooner", Geoff. Moving into their new home was quite an adventure and he and Karen wondered where all the "junk" (excluding rocks, of course) came from. Couldn't believe they had acquired so much stuff in so short a time. Despite the glut, Geoff. is kept frantic with projects in western OK and, of late, has become quite busy in the Il. Basin. Yes, Geoff., our friends in Geography are still in Shideler.

familiar with the pragmatic aspects of geology. We feel most fortunate indeed to have been able to attract Bill to Miami and we look forward with anticipation to his joining the Department in January, 1984.

Almost as exciting as the prospect of Bill joining our faculty next year was the successful implementation of a Miami-Wright State-Cincinnati cooperative teaching effort between the three geology departments. This past fall Cincinnati offered a course taught by Paul Potter entitled "Megasedimentology". During the winter, Wright State offered a 3 quarter-course on Seismic Exploration. These courses were taught one night a week for 10 weeks and a sizable number of Miami graduate students took advantage of the opportunity to meet students and faculty from these other schools and to receive instruction which would have otherwise not been available to them.

Miami's contribution to this cooperative effort was an exciting new workshop on Modern Carbonate Deposition which was held on Andros Island in the Bahamas immediately following final examination this May. The course was organized and taught by Mark Boardman and me and attracted 16 students from 6 colleges and universities including Miami. SCUBA certification and a course in sedimentology were prerequisites. Two weeks were spent looking at the modern reef, tidal flat and oolite shoal environments and relating these modern environments to textures and structures seen in rocks exposed on the cays and on Andros Island proper. It was a fine learning experience for all and will undoubtedly be offered again in future years. (See pic. on last page.)

In addition to this field experience, the Department sponsored five additional field trips this year. The first was an all-Departmental trip taken last October into the southern Appalachians. Led by Robert Hatcher of the University of South Carolina and supported by a grant from SOHIO, the trip looked in some detail at the stratigraphy and complex structural geology exposed in eastern Tennessee and western North Carolina. Two additional structural geology trips were led by Dave Scotford - the first to Georgia to study polyphase deformation and the second to the Smoky Mountains.

This Spring, Wayne Martin led a trip into northern Kentucky to study facies relationships of the Mississippian deltaic sequence which crops out in the vicinity of Morehead, Kentucky. In addition, we ran a trip to Andros Island in the Bahamas during Spring vacation in March.

The field station in Wyoming continues to attract a large number of students. As has been the case for many years, both terms were filled by the preceding January. To lighten some of Wayne Martin's load, Dave Scotford assumed registration responsibilities this year. In addition, we are increasingly relying on computer processing of applications and payments because of the tremendous work load involved in keeping track of all the registrants.

This has also been a good year for equipment acquisition. I am sure that not many tears will be shed at the news that the old "stake truck" (a canvas covered bed with a bench down the middle and one down each side) used for so many years in Wyoming has been retired. In its place, the Department has acquired two 15-passenger vans. Thus, we now own 3 vans and one 8-

for so many years in Wyoming has been retired. In its place, the Department has acquired two 15-passenger vans. Thus, we now own 3 vans and one 8-passenger, four-wheel-drive suburban.

Another equipment area which has grown rapidly this year is that of computer software and hardware. A master plan for achieving computer literacy was formulated by Larry Mayer last Fall. Towards the attainment of this goal, we purchased 6 microcomputers, a digitizer and a plotter using both State dollars and donations from both private donors and corporations. In addition, we acquired three used printers from the Department of Energy as part of a \$31,024 equipment-acquisition package.

Needless to say, such gifts, big and small, are essential to maintaining the strength and vitality of your Department. I would like to take this opportunity to thank all of you who so generously contributed. Such gifts are truly appreciated!

Lastly, I would like to close by restating that the Department continues to be a most exciting place to work and study. These are times of change, but with change come new opportunities and challenges. With your help, the Department will continue to provide the breadth and quality of geological education that has become its hallmark over the years.

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The Geologist's Twenty-Third  
"Author Unknown"

Geology is my major, I shall not want another.  
It maketh me to go down in dark places;  
It leadeth me into the running waters  
It ruineth my soles...  
It leadeth me on the paths of the outcrops  
For its name's sake.  
Yea, though I search through the valleys,  
I find the rocks on the hills.  
I fear great evil when on the cliffs;  
The hammers and chisels discomfort me.  
It preparest a bedding plane for me in the  
Presence of my brunton, it annointest my  
Body with mud, my collecting sack runneth over  
Surely to goodness if I follow this vocation all  
The days of my life, I shall be buried in a  
Landslide forever

(Contributed by Craig Butler and Liz Johnson)

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From Susan Carl: "The bluffs of Loess & Clark make up the Miss. River Cliffs." Oh, well, it's west of Boston - forget it.

colleagues a \$750,000 grant "Hydrogeology of Mich. for Underground Injection Control". He is also beginning an E.P.A. Grant to study brine contamination of ground water in the Walker Oil Field. He also continues to serve on Mich. Environ. Rev. Bd. You are certainly busy, Dick.

Stanley T. Paxton (M.S.'80) has finished his Ph.D. at PA State and is now research geologist with Exxon Prod. Research Co., Houston, TX. He and Mary Lou are having a good time in Houston and report they still hear from Jeff and Cindy Lynn, Mark Sunwall and Doug and Katie Crowell. He also reports the happy news of the marriage of Bob Schafer to his new bride and reports that they are living in Georgia. We would love to hear from Bob and have his bride's name and new address.

Ernie Powell (A.B.'82) has a new address: 18307 Harrow Hill, Houston, TX 77084.

Richard Rieke (B.A.'58) writes to tell us that he has survived the rather complete reorganization of the Office of Surface Mining. In fact, he is now the Director of the Kansas City Field Off. and is responsible for the regulation of coal mining in the states of KS, IA, MO and NE. It is a very tough, highly technical job, but one that he enjoys very much. He reports seeing Bill Miska (M.S.'60). Dick's home address is 9801 N. Wayne, Kansas City, MO 64155.

Howard Ritzma (A.B.'47) has recently started his own consulting offices in Salt Lake City. Howard was formerly employed by the Utah Geol. and Min. Survey. Congratulations on your new endeavor, Howie. We wish you much success. Howard's address is P.O. Box 8736, Foothill Station, Salt Lake City, UT 84108. We further learned from J. Paul Gries that Howie is a nominee for Sec'y-Treas. of the EMD of A.A.P.G. Your editor was delighted to receive the copy of a photo of a former S.G.E. initiation group with those photographed almost completely identified. This will be good for a subsequent issue of the S.S., Howie.

John "Clay" Roberson (A.B.'79) tells us that since the oil boom has gone bust in CO, he has taken the opportunity to travel around the northwest and elsewhere. He also reports that a couple of wells are coming up that hopefully will tide him over till times get better.

Bill Ryan (M.A.'40) reports that retirement after 33 years of teaching at Schoolcraft Coll. in Livonia, MI has certainly kept him busy. He and wife, Iva, have been wintering in south TX for the past three years and have enjoyed being part of an 8-piece Dixieland Band. Bill plays the clarinet and sax and Iva plays piano. They have also entertained quite a bit in the northern OH area. He reports running into J. Robert Higgins in Huron. He also tells us that brother, Ed (B.A.'41) is still teaching at Stephens Coll. in Columbia, MO.

Lowell W. Scheufler (M.S.'57), we are pleased to hear, has recently received his Doctor of Ministry Degree (D.Min.) from United Theol. Sem. in Dayton, OH. He is pastor of the United Meth. Ch. in Springfield, OH and part time instructor at United Theol. Sem. Congratulations, Lowell!

## FACULTY AND STAFF NEWS

Linda McGowan (A.B.'81) is working on a M.S. at the U. of Cinn. and is also employed with the E.P.A. Continued success, Linda.

John C. Metzger (A.B.'42) in a delightfully long biographical letter brought himself back into the fold. He informs us that he has lived 26 years at 105 Flory Lane, Archbold, OH 43502 as the Land Surveyor and Highway Designer for the Fulton County Engineers Office. World War II took him away from a geology career temporarily, but upon his return he was with Humble Oil for a while. We gather Fulton County now is a better place for all his efforts in its behalf. Thanks much for the letter and your contribution to the W.H.S. fund.

David D. Miller (A.B.'79) and his wife, the former Kathleen Whalen, are to be congratulated (if a bit late) on their marriage on September 4, '82. They are residing in Denver, CO where Dave is a self-employed consultant geologist. He has been doing wellsite consulting in Texas and some Rocky Mountain areas since the oil and gas slow down.

William S. Miska (B.S.'58;M.S.'60) has a new job as Supervisory Program Specialist with the Office of Surface Mining, Columbus Field Office, Columbus, OH. Bill investigates AML emergencies, processes grant applications for funds to reclaim abandoned mine lands, assists in AML matters and performs evaluations of State AML performance. Lots of monies are involved, 10 million for Ohio's first approved construction grant. Most of his work is in Ohio but he also conducts OSM programs in Michigan. Should be a very challenging job, Bill. Your ed. also thanks Bill for his newsy letter and the two cartons of publications. Let's hear about the western trip.

Jean Moore (A.B.'38) is now retired from Exxon Chemical and she and husband have been busy with church, Veterans of W.W. II and recently returned from an extended motor tour of the southeastern U.S. They have twelve grandchildren and two great grandchildren. It was so good to hear from you, Jean. Her current address is 1752 Pine Village, Houston, TX 77080.

Jane Negus-deWys, (A.B.'50;M.S.'51) is currently a research specialist with Exxon Prod. Resource Co. in Houston, TX. She loves her work in geochemistry and global geology, and proudly announces she is the grandmother of three granddaughters and one grandson. She invites all visitors to come see her at River Plantation, Conroe, TX. Great to hear from you, "Dr. Jane".

Dave Olson (M.S.'82) is employed by Exxon Co. New Orleans, LA as a geologist.

Hank Orndorff (M.S.'80) sent in a change of address card. He is now residing at 3412 Flagstaff Way, Bakersfield, CA 93309 with wife Cheryl and son, Aaron. Are you still with the Shell Devel. Co., Hank?

Gary Pagan (ex.'79) now lives at 5927 Theall, Houston, TX 77066.

Richard N. Passero (M.A.'62) is in his 16th year of teaching at the Dept. of Geol. in W. Mich. U. Kalamazoo, MI. He recently completed with

Dwight Baldwin has given us his news on the Chair. Let it be known that he has reluctantly(?) taken time away from the Department for a short holiday in July. He's well deserving of any break from the day and night time routine of the endless departmental chores, heartbreaks and problems always facing a chairperson.

Jim Bever has been basking in the glow of part-time teaching. He writes to say, "I thoroughly enjoyed the fall 'vacation' and the 6 weeks stay in San Diego. Also enjoyed the Spring Semester back teaching, with exception of the bout with pneumonia. Last summer's sojourn in the Pioneer Mountains' silver/molybdenite deposits S.E. of Butte was a pleasure, as was the company of Pete Apostoluk and Kelly. John Wells and his brother-in-law, Everett Clonigio, joined us for most of this time."

Mark Boardman gave me his report as follows: "My second year at Miami has been as full as the first. My research has picked up considerably with the arrival of the new atomic absorption unit and other laboratory equipment. The arrival of a son, Jeremy (our first born) in January prevented me from participating in the research cruise to the Bahamas, but two of my students were able to go for this two week experience in January. I am now supervising the completion of three theses associated with these cruises, and two more are in the making. This research is associated with my N.S.F. research grant to study near-platform carbonate sediments in the Bahamas. One paper has been submitted for publication on the geochemistry and origin of these periplatform sediments, and an abstract has been submitted to G.S.A. on variations of sediment sources resulting from global climatic changes. A most exciting addition to my teaching load was Modern Carbonate Deposition which was a two-week field trip taught on Andros Island in the Bahamas in late May. This trip was co-taught with Dwight Baldwin, and 16 students from 6 universities participated. We were able to visit tidal flats, oolite shoals, reefs, lagoons, and several carbonate islands. In preparation for this course, Dwight and I visited Andros with the departmental field trip during the Spring break in March. Several thesis projects or independent study projects are now awaiting students. In addition to this new course, I have been selected to teach an 'honor's seminar' on Oceanography this fall. It is hoped that future offerings of this course will be available to the entire university population."

Jim Carl spent his year's sabbatical leave from the Department of Geology, State University College, Potsdam, N.Y. with us teaching part-time in our Department and working with Norman Grant on Rb-Sr geochronology of Precambrian metamorphic rocks in the N.W. Adirondacks. He taught Introductory Geology and Megascopic Petrography to undergraduates and Theoretical Igneous Petrology to graduates during the year. Along with the courses Jim managed to find time to continue his research on Rb-Sr geochronology and trace elements of Maine Granites and N.W. Adirondack (N.Y.) metamorphic rocks. He also finished work and mailed a manuscript to the publisher on "Geochemical characteristics of Granitoid Plutons in the Penobscot Bay area, Maine". Jim submitted an abstract to G.S.A. based on work done here and Potsdam. He presented a paper with Frank Revetta on

"Gravity investigations in the Lower Gneiss, N.W. Adirondacks, N.Y." at the N.E. Sectional Meeting of G.S.A. last April and was a guest lecturer at Denison U. on the same subject. Jim gave talks to the MUGS group on granite quarrying in New England and the Geology Dept. on Migmatite Composition: Early Stages in the Production of Granitic Melt. His final notes state: "I watched my 4 kids tremendously enjoy Talawanda High, and the oldest son, Brian, graduate and plan to attend Wooster College. Susan, my wife, took a course in weaving and learned to use several large looms. She also audited a Western College course. Enjoyed work here at Miami with both grads and faculty, very capable, very warm people. My thanks to the faculty for the loan of furniture for our unfurnished house. Miami is an excellent place to work and jog."

Norman Grant reports his 1983 activities as follows: "While the on-going work of the isotope laboratory has been interrupted by technical problems with the mass spectrometer, now cured, thank goodness, in many other ways this has been a good year. The National Science Foundation funded a project to continue studies into the Duluth Complex, and the early results of this work will be presented at the G.S.A. meeting in Indianapolis. In the Fall I gave a paper at an international conference on lead-zinc investigation on strontium isotope and trace element variations in non-sulphide minerals of Mississippi Valley-type in central Tennessee. Martha has completed a manuscript describing the geochronology of gneisses and pegmatites in a 1.8 b.y.-old shear zone in West Greenland, the first completed project arising from her extensive geochronological studies of West Greenland. Current work in the isotope laboratory with graduate students involves measurements of  $^{87}\text{Sr}/^{86}\text{Sr}$  ratios in marine and non-marine Paleozoic limestones to investigate the extent to which the ratio can distinguish the depositional environment of the limestones, and the study of the same ratios in Grenville marbles in upstate New York to see if the ratios are of value in the correlation of marbles. We still await the new source for the mass spectrometer which will let us load up to 16 samples at the same time, but delivery seems to be possible this summer. And, we wait with warm anticipation the arrival of Bill Hart, the new igneous petrologist appointed this Spring. Bill's arrival will be important to the isotope laboratory, because his interests and experience overlaps into the field of isotope geology, and he will bring the knowledge to set up Pb and Nd isotope analyses at Miami. For the first time the isotope laboratory will now be adequately staffed, and the Department should be congratulated on making this appointment."

Martha Hickman has been able to continue her research and complete a manuscript that Norman noted in his report.

John Hughes has received a grant from NSF during his second year at Miami which has permitted him to continue his work on the crystal chemistry of high temperature vanadium minerals. In addition, he is anxiously awaiting word on a proposal "in the works" to study the crystallography of high temperature phase transitions in natural zeolites. John reports further: "I have coauthored several papers with colleagues and graduate students this year, including: 'The crystal structure of Monoclinic Ilvaite', Carnegie Inst. Yearbook 82, L.W. Finger, R.M. Hazen, and Hughes; 'Bannermanite, sodium-potassium vanadate isostructural with  $\beta\text{-Na}_x\text{V}_6\text{O}_{15}$ '; in press, American

and Science, Hall of Fame, Inc. in Dayton, Ohio. Congratulations, Hugh.

Ralph L. Horak (M.S.'52) was heard from and tells us he has enjoyed 31 years in Texas. His wife, Fran, finished her education at the U. of TX in Dallas in '78 with a degree in history. It wasn't easy going back to school and Ralph is very proud of her. Their children have gone their own ways now and "doing very nicely, thank you". George is with the Mobil Exploration & Producing Services, Inc. with their International Office. He keeps busy coordinating regional geological projects and basin analyses in a number of foreign areas in advance of more detailed exploration. He wants to be remembered to any of the staff who still remember him.

Dick Jenks (ex.'50) writes that he still remembers his years at Miami and Drs. Wade and Wolford in particular. His children all reside in Alaska, but Dick is a "Buckeye". He complimented the poetry that is a part of our newsletter offerings. Good to hear from you, Dick.

Tom Jones (Ph.D.'76) is Ch'm and Westmoreland Prof. of Mining, W. V. Inst. of Technology in Fayetteville, W. V. He is busy administrating and teaching courses in rock mechanics, mining geology, strata control engineering and engineering geology. He is also conducting engineering geology research on coal mine roof support and surface subsidence on grants from the W. V. Dept. of Mines, Mining and Safety Health Administration and the U.S. Bureau of Mines. He established a consulting firm in '81, Tech. Evaluation Consultants, Inc. in Charleston, W. V. The firm specializes in supplying engineers and scientists in all fields to industry, government agencies and attorneys. Sounds like a very busy life indeed!

Dave Liddell (A.B.'73) was recently hired by Utah St. U. as Asst. Prof. and is the paleontologist of his department. Congratulations!

Delbert Lutz (A.B.'49; M.S.'53) dropped in to Oxford and your editor had a chance to supplement his most recent letter with some eyeball-to-eyeball conversation of the past, present and future. Del and Sally have been Dallas residents for something like 12 years; their 4 children are (as of April) all married and away from home. Del spoke of Sally's arts and crafts activities that carry her across the U.S. frequently. He also reminded me that several Miamians are a part of the Dallas crowd such as Dave Morrow (M.S.'49) and Glen Johnson (A.B.'48) who is retired now from Mobil.

Dick Magateaux (A.B.'51) whose son, Richard, was a Miami graduate this May promised, if physically possible, to be present at the Commencement and then grace us with a visit. I'm not sure that visit was made; was it?

Bob Maurer (M.S.'74) receives our heartiest congratulations on his promotion as Vice President and his election to the Board of Directors of Entrust Exploration, Inc. Robert lives in Houston, TX with his wife, Sandra and their children, Kristin, Stephanie and Robert.

Steve Maynard (A.B.'79) recently finished his service as Damage Control Asst. and Navig. aboard USS Mahan. He is now currently teaching Naval Science at the Oh. State U. NROTC unit. He and his wife, Diane, are in the process of moving so we hope to have their new address soon.

and lives at: 3880 Mossy Rock Lane, Evergreen, CO 80439.

Bruce Gillespie (B.S.'78) is White House Ranch Manager at the Garden of the Gods Park in Colorado Springs, CO. His address is: 425 E. Fountain Place, Monitor Springs, CO 80829.

George Glazer (A.B.'79) has a new position as Project Development Geol., Offshore District, Getty Oil Co. He is working toward a M.S. at the U. of Houston. Joe Mauch and Dennis Stump also work at Getty, George tells us. He often sees Steve Dennis, Dave Murchison, Bill Harris, Tony McAloon, Jeff Porter and many others. George has a new house located at 1311 Vickery Drive, Sugar Land, TX 77478.

Linda (Bell) Gorman (M.Ed.'70) tells us she enjoyed reading the Shibboleth and reading about so many friends. She and husband, Jim, are in Orange Pk., FL where she works with classes in public schools as a volunteer. She is also a supervisor in a school for dillexic children as well as keeping busy as leader for two girl scout troops. She and Jim are the parents of three children, Julie, Tim and Tom. Their address is 5396 Orchard St., Orange Pk FL. Thanks for letting us hear from y'all, Linda.

John Gries (A.B.'32) visited the campus June of '82 for his 50th. He had a good visit with Joe Marak and enjoyed touring the Dept.

Peggy Guccione (M.S.'72) sent us their address: 2584 Elizabeth, Fayetteville, AR 72701. Peggy teaches at the U. of AR and Mike recently opened the 500th WalMart Jewelry Dept. with Miss Arkansas and Miss U.S.A., Terry Utley gracing the ceremonies. Congratulations, Mike!

Ann Harris-Noel (M.S.'58) has recently purchased a home next to a 260' deep mine shaft scheduled for reclamation in the Spring of '83. She has been very busy guest lecturing and giving papers at such places as Wayne State U., the Ohio Acad. of Sc. on Mine Subsidence and an Abandoned Mine Reclamation Symposium. She is working with Morsico Associates on stabilization of Mines in Mahoning County.

George W. Helland (A.B.'80). It was good to hear from Bill giving us his new address, 514 Maplewood, Victoria, TX 77901. Bill is a field engineer with Dresser Atlas. In the spring of '82, Bill visited in Denver with Dave Miller and Jean Griesheimer. He also reported that Steve Alexander has moved from Houston to College Station, TX to go to Grad. Sch. at Texas A & M. Bill sees Greg Brendel fairly often. Greg is a Dresser Atlas salesman in Bay City. Nice of you to share all your news, Bill.

Ron Helman (M.S.'57) was "father of the bride" when his daughter, Betsy, married Jack Buckner in Dec. of '81 in Oxford. Both Betsy and Jack are M.U. graduates. Ron was recently elected President of the Michigan Advancement Council. This organization includes all development, public relations and alumni professionals at Michigan's thirteen state colleges. Congratulations, Ron!

Hugh D. Hildebrant (B.S.'56), we noted, is now President of Engineering

Mineralogist, Hughes and L.W. Finger, 'Ilvaite, an alteration product replacing olivine in the Skaergaard intrusion'; in press, American Mineralogist, H.R. Naslund, Hughes, and R.W. Birnie, 'Crystal chemistry and phase relations in system  $\text{Li}_2\text{O}-\text{Fe}_2\text{O}_3-\text{TiO}_2$ '; in press, J. Am. Ceramic Soc., Y.C. Yau and Hughes, 'The crystal chemistry of scherbinaite, naturally occurring  $\text{V}_2\text{O}_5$ '; in press, American Mineralogist, Hughes and L.W. Finger several other papers are near submission or awaiting time for writing." John should have reported his wife's (Susan) activity as a graduate assistant in the School of Business Administration and the arrival of Rebecca (2/27/83), their first daughter and sister of Gareth.

Wayne Martin participated in two weekend field conferences in October. One, sponsored by the Kentucky Geological Society was conducted in the eastern part of Kentucky. The second, a GLS-SEPM trip focused on the geology along I-64 in the Ashland-Morehead area of northcentral Kentucky. As "President-once-removed" of GLS-SEPM, he still has responsibilities there that take time which he doesn't have much of. The annual soft rock, spring field trip for advanced students was conducted in the Morehead area also with some stops in southern Ohio. Wayne taught to more than a "full house" at the field station during both terms this summer.

Larry Mayer has the following report as his first year at Miami. "This has been a slow year for me. Besides teaching I presented six papers at GSA meetings in New Orleans, Tallahassee and Salt Lake City. At other times I participated in research conferences, such as the AAPG Basin analysis conference in Tucson and the Penrose Tectonic Geomorphology Conference in Winnemucca. Also I gave presentations at PUFW, Univ. Akron, U.S.G.S. Denver, and other places. This year I and Mike Anderson spent the winter break doing field work in the Mojave desert of southern California, and I spent some time poking around northern Virginia during the spring break. This summer I'll teach at the field station and then continue field work for my research project in western U.S." (Ed. note: If this is a "slow year" I'd hate to be around on a fast one.) "The geomorphology lab is now sporting a new computer that drives a digitizer and will help in many quantitative aspects of the labs operation.

Bob McWilliams in his typical reluctance to speak of his activities has reported that he was an invited participant at the Red Lodge, Montana 1982 G.S.A. Penrose Conference. The conference related to the Laramide Deformation of the Rocky Mt. Foreland. After one term of Field Station teaching last summer he'll be teaching two terms this ('83) summer. Bob with Phil Stoffer has an abstract from the Rocky Mt. and Cordilleran sections of the G.S.A. '83 meetings and an article with Wayne Martin and Will Blackwell is in press. This article deals with Algal Remains in Cryptalgal Laminated Carbonates of the Upper Cambrian of N.W. Wyoming. The Botanical Society of America will publish it.

John Pope has accepted departmental responsibility for graduate student recruitment, application review, etc. which prompts him to write: "This has been an excellent year from the standpoint of recruitment of graduate students for the fall 1983 semester. Applications were more than 50% greater than in previous years which has given us the opportunity to select a diversified group of well-qualified students. Unfortunately, there were

many attractive applicants that we could not support. I hope that you alumni out there who know an especially able and interesting student will jot a note to us (it need not be formal) to draw our attention to the person." In addition to reporting his teaching responsibilities John adds: "From the personal side, the high point of the year was a sailing trip with Dave Scotford during winter recess to the Dry Tortugas Islands west of Key West. Several other journeys have taken Gracia and me to Cambridge to visit Susan and Jonathan at Harvard. In December, my U.S.G.S. paper on some Ordovician brachs from Kentucky came off the press. I now await the final edition of Bob Frey's massive (600 p.) doctoral opus on the fauna and paleoecology of the Treptoceras duseri zone in the Waynesville Shale."

Dave Scotford has an unedited report which reads as follows in recounting the 1982-83 year: "The summer of 1982 began with two weeks of backpacking in the Gros Ventre Mountains in Wyoming to supervise 4 graduate students (Dennis Connair, Joanne Mitock, Dan Rambo and Brian Reid) doing thesis work in the area. I taught at the field station during the latter part of the summer. These mapping projects will continue this summer with a new cast of characters and I expect to spend about three weeks in the area backpacking but also being considerably aided by helicopter time. The new undergraduate petrography sequence was taught for the first time this past year with my teaching the optical portion in the fall term and cooperating with John Hughes doing igneous rocks and Mark Boardman on sedimentary rocks while I did the metamorphic rocks during the second term. I think it went well and proved to be a large improvement over the previous megascopic course. In October I took a short course on ductile deformation being offered in connection with the G.S.A. meeting in New Orleans, and led a departmental field trip to the southern Appalachians which was conducted by Bob Hatcher of South Carolina. Later in the fall, I took the advanced structure class to Georgia to look at polyphase deformation for three days. John Pope, my brother and I sailed again in Florida over Christmas break; this time chartering a 27 foot sailboat and going as far as the Dry Fortugas which are 70 miles west of Key West. These are very beautiful uninhabited islands with nice anchorages. I will probably go back this coming Christmas. In January, the paper that Jeff Williams and I wrote on the metamorphosed ultramafic rocks in the Blue Ridge was published by the American Mineralogist. Over spring break, I visited a Master's student's (Bill Schoenborn) thesis area in Georgia and then dropped down to Florida with Pat to check the Epcott Center. In April I spent a three-day weekend in Texas visiting a Ph.D. candidate's (Carl Cathey) dissertation area in the Llano uplift area. I am toying with the idea of running a field trip to England and Scotland next May for undergraduate and graduate students to look at the areas that I became acquainted with on my sabbatical two years ago and to take advantage of the present low air fares to Europe and the good price of the dollar against the pound."

Joe Marak's report, always modestly penned, includes the word that well over 500 students visited the Karl E. Limper Geology Museum along with collegiate groups and other campus visitors. Donations from Messrs. Franklin E. and James I. Bliss of invertebrate fossils have helped to swell the acquisition list. The Computer Cataloguing Program has moved along well with over 8,000 specimens recorded on the database. The computer has had some average 52 hours of weekly operation logged by both the museum and other authorized

Steven Dennis (B.A.'79) lives at 2431 Park Place Drive, Gretna, LA 70053. 70053.

Lisa Dickhaut (M.S.'82) is now working for Chevron and lives at 6445 Derbyshire Dr., New Orleans, LA 70126.

Anatole Dolgoff (M.S.'60) is now Prof. of Physical Science at N.Y.C. Comm. Coll. in Brooklyn, N.Y.

Marty Eager (M.S.'53) is living at 12319 Broken Bough, Houston, TX 77024.

Larry Edwards (A.B.'40) and wife, Pamela, send greetings to all from VA. It was good to hear from you, Larry.

Kim Ehret (A.B.'80) has finished her M.S. in Eng. Geol. from the U. of Waterloo, Waterloo, Ontario. Kim enjoyed a vacation in England and Europe for three months this year. Her new address is 6301 Cemetary Rd., Whitehouse, OH 43571.

Jim Eiffert (A.B.'52; M.S.'53) sent a most interesting and nostalgic letter in July reviewing "old times" at Brice. His current position is with Lingen Exploration in Houston TX as Exploration and Development Geologist. His activities include development and drilling of six gas wells recovering 10-12 billion cu. ft. of gas from each well drawing from the Eocene. Hope you can make a Dayton/Oxford visit in the near future. The W.H.S. contribution is much appreciated.

Jim Eldred (A.B.'82) is a group representative for Union Central Life Insurance Company and is expecting to be married in Oc. to Cynthia Ellen Davis. His address is: 1107 Wareham Dr., Apt. 34, Cinn., OH 45202.

Ken Farler (A.B.'82) now lives at: 3110 Millville-Shandon, Hamilton, OH 45013.

Don Fay (A.B.'81) will be a grad. asst. here in the fall.

Shawn Fell (B.A.'79) writes from beautiful Honolulu. He and his wife are enjoying the 50th state. Shawn is teaching geology at Maryknoll H. S. in Honolulu. Their address is: 3105 Pacific Heights Rd., Honolulu, HI 96813.

Steve Ferris (B.S.'81) now lives at 5920 Beverly Hill, #56, Houston, TX 77057.

Howard Fischer (M.S.'75) is now Asst. Prof. in the Geology Dept. at the U. of N. D., Grand Forks.

Bob Frey (M.S.'76) is now an instructor at Centenary College in Shreveport, LA and lives at 2903 Belch Drive, Shreveport, LA 71104.

Cintra Fricke (A.B.'81) is Asst. Hydrologist at Leggette, Brashears and Graham, Inc. in CT. Her address is: 16 Signal Hill Road, Wilton, CT 06897.

Dave Giles (M.S.'63) is Pres. of Cimarron Exploration, Inc. in Lakewood, CO

Phil Byrd (A.B.'79) bought a new house. He finally tired of aptment living and decided he wanted to mow grass. He now lives at 22547 Guston

Vic Camp (M.S.'72) has a mailing address now at P. O. Box 5219, Jeddah, Saudia Arabia.

Dave Carpenter (M.S.'74) lives at 2026 River Falls Drive, Kingwood, TX 77339.

Marlin Cavender (A.B.'82) is presently a geologist with the Eagle Mountain Energy Corp. at Reynoldsburg, OH. He tells us that the experience he is getting is priceless to him. He is the only geologist with several petroleum engineers. He still hopes to do some graduate work. He and Lisa Baber (B.S.'83) have become engaged. He extends special regards to Dr. Limper and Reinhart. His home address is 7684 Dalglen Drive, Reynoldsburg, OH 43068.

Mike Chappars (A.B.'25) lives at R.F.D. #1, Box 290, Chincoteague, VA 23336.

Mik Chester (B.A.'77) lives at 3364 S. 141 E. Ave. Tulsa, OK 74134.

Dick Church (M.S.'50) lives at 505 Wells Fargo Drive #2303, Houston, TX 77090.

Kelly Coates (B.S.'79) lives at 6855 Terrabrook Avenue S. E., Waynesburg, OH 44688.

Mike Colvin (M.S.'80) has now been with Gulf Oil for two years working the North Slope in Alaska. He finds the frontier exploration exciting and challenging work.

Leslie (Parkerson) Coyle (A.B.'77) lives at 5017 Payne Lane, Virginia Beach, VA 23452. Note the alliteration of her street name!

Scott Dailey (B.A.'77) now lives at 4730 Larkin Drive, Columbus, OH 43229.

Mike (B.A.'74) and Sarah (Roney) (B.S.'72) Dalton are still in Columbus, OH. Mike still active with the E.P.A. Emergency Response and Sarah working on a B.B.S. in Natural Resources at O.S.U. Sarah thinks that isn't too wise since she'll now have two alumni associations after her - but says her heart is still with Miami. Bless her!

Suzanne Danner (A.B.'81) has a Master's thesis well underway entitled, "Formation of a Platinum Beach Placer Deposit, Goodreus Bay, Alaska". She will receive her degree in August, '83 at the U. of Texas, Austin. Suzanne is engaged to Mark Ulrich, also a graduate student at the U. of Texas. Let us know about the wedding, Suzanne!

Phil Davis, Jr. (M.S.'74) lives at 219 W. Cedar #13, Flagstaff, AR 86001.

Jim Deckelman (B.A.'78) recently finished his M.S. at Utah State U. in Logan according to our latest bulletin from Don Fiesinger. Jim is working in Australia. Let us hear from you, Jim, about life "down under".

personnel in the department. Joe made special reference to assistance given him by students Laura Baldwin, Sue Brackenridge, Julie Jackson, Julie Kostecka, and Dan Rardon. Specimens loaned to researchers at other institutions proved helpful in their investigations and were returned with appreciation.

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#### ADVICE TO THE EARTHLORN

Dear Mr. Boyle:

I am troubled by gas leaks in my backyard. Then, too, my neighbors are complaining about the unpleasant odors which adds to my embarrassment. Please help me.

Looking for relief,

Hik Cup Bubbles  
Longview, Wash.

Dear Bubbles:

Better that the problem is in the yard than in you. Have you tried TUMS? Other than that I really can't suggest anything. Anyway it comes out, your gas is as good as mine. I'm afraid my laws won't help, either.

\* \* \* \* \*

Cher Monsieur Cuvier:

My cousin always refers to his father as an old fossil. My mother says that's not so. How can I be sure he's right or wrong? This is catastrophic!

Votre Ami,

Jacque Bean Stauck

Cher Ami:

Next time you're visiting your uncle, ask him (kindly) to drive you home. If he runs out back and hitches up a pair of dinosaurs to a buckboard, he's really living in another age. Brother, he's really an old fossil!

Avec Concernement,

Georges L.C.F.D. Cuvier, Baron

## M.U.G.S. NEWS

M.U.G.S.' pretty blonde president, Kim Sizelove aided by V.P. Linda Zubrick, Treasurer Neil Irish and Secretary-Historian Sandy Stegeman built an outstanding year of activities on last year's good base.

September's and October's activities included a get acquainted party, the traditional departmental picnic, the Shideler Hall beautification project, a caving trip to Sullivan's Cave near Bedford, Indiana, volleyball intermural competition, a talk by Dr. Jim Carl on his New York research and a Halloween costume party at the WRA cabin.

The annual Christmas caroling was followed by a party at Kim and Sandy's diggings.

The second semester program included talks by a speaker from the Audubon Society, Dr. Martin's Big Wonderful Wyoming slide talk and Dr. Pope's slide show on the Bahama trip. In preparation for the Spring rock sale there was a geode collecting trip at the Monroe Reservoir. This sale was supplemented by a most successful coffee and doughnut morning series of sales. M.U.G.S. won the "most original" group picture prize given by the staff of the Recensio.

This year's annual M.U.G.S. award night banquet, held at Schuler's Wigwam, saw Dr. John Hughes "roasted" and special departmental awards to John Hoff and Sue Marshall.

The final meeting of the year held at Lottie Moon's Attic included the election of next year's officers: President Mike Brown, V.P. Mark Bamberger, Treasurer Terrie Skrobacs and Secretary-Historian Connie Sasala.

\* \* \* \* \*

### BONERS

"The oil content of a sandstone depends primarily upon its pourosity." Sort of like molasses in January - or July.

"At the outcrop we observed that the shale lied horizontally." That seems to be an out and out flat-footed falsehood.

"Doldrums are the series of high rocks near the Equator." Blow that one past me again.

"A polygon is a dead parrot." Who killed cock robin?

"Glaciers deposit a murRAIN over the land." And a plague on you, too!

"Charles Darwin is the author of the Organ of Spices." A spicy tale, that is!

but is now at the S. D. School of Mines working on her M.S. in Geology. She'll be a Grad. Asst. this fall. Her address is: 235 E. Texas St., Rapid City, S. D. 57701.

Shelby Boardman (A.B.'66) is Chm'n. of Geology at Carleton Coll., Northfield, MN 55057.

Jim Bonds (A.B.'81) lets us know that he has just completed his Master's degree at Texas A.&M. and feels that his undergraduate work at Miami helped great deal. He'll be working for Shell Oil Co. in their Western Exploration Div. (Calif. & Alaska).

Rick and Jeanne (Elliott) Boone (A.B.'79) now live at 5200 Cocoa, #23, NV 89509. Rick will be a teaching fellow here in the fall.

John Brand (M.A.'47) is living at 1052 Wyoming Ave., Billings, MT 59102.

Jerry Breneman (A.B.'40) sent an interesting letter to Karl Limper. He is President of Girard Fastener Co. at 525 W. 169th St., So. Holland, IL 60473. Jerry was back in Oxford for his class of '40 reunion 3 years ago. He said the visit brought back many happy memories. His brother, Cyrus, (A.B.'37) has retired in southern California after a career in Aerospace. I hope Cyrus is at 8813 Canby, Northridge, CA 91324 and is getting our newsletter.

Stephen Brown (A.B.'72; M.S.'74) is with Brown and Ruth Labs. in Houston. He now lives at 15602 Canterbury Frst. Drive, Tomball, TX 77375.

Don Bryant (A.B.'56) has recently accepted the position of General Plant Manager of Fiat-Allis in Springfield, IL. The company manufactures heavy equipment. Congrats, Don. Their home is Rt. 1, Box 326-A, Glenarm, IL 62536.

Ted Bunch (A.B.'59; M.S.'62) lives at 2593 Athena Ct., Santa Rosa, CA 95401.

Gleim "Jack" Burkhart (Ex'34), retiree from East Ohio Gas Company and also from his private law practice back in 1978, reports he recently came across his Phi Sigma key and wishes watch chains were just a little more popular so he could wear it again. He'll be pleased to be in Oxford and back on the Miami Campus for the 50th Reunion of the Chartering of the Miami Chapter of the Delta Chi Fraternity. He was one of the 25 Charter members and the first Chapter Secretary when Delta Theta Chi became Delta Chi. Dr. John Wolford of the Geol. Dept. was also a Delta Chi and became faculty adviser for the Chapter. He also remembers Dr. Shideler with fondness as his "Evolution" professor. Jack sends his best regards to all.

Ralph Busch ('82) lives at 291 Cummings Road, Santa Paul, CA 93060.

Jim Buschur (B.A.'77) is now an Environmental Scientist with a mining engineering firm in Lexington, KY. His job takes him to eastern KY to collect data for hydrologic impact statements as they relate to the effects of mining on local hydrologic regimes. He has also worked on several abandoned mine land reclamation projects for the firm.

NEWSY NOTES

Steve Alexander (B.A.'80), Jim Bonds tells us, is a Graduate Student at Texas A. & M., College Station, TX 77843.

Valija Axelrod (A.B.'65) is now living at 1352 Wren Lane Ct., Powell, OH 43065.

Lewis Bailey (A.B.'57), we have learned, is living at 8711 Nevada Avenue, Cleveland, OH 44104. Let us hear from you, Lewis.

Elio Barbis (B.A.'61) now lives at 3510 Sorrell Tree Lane, St. Louis, MO 63129.

Julie Bates (B.S.'81) is living at: 355 Saddle Lake Drive, Roswell, GA 30075.

Sue (Bartol) Beers (B.A.'80) is living at 15119 Lake Ave. #105, Lakewood, OH 44107. She is an Assoc. Programmer in Mgtment. at Control Data Corp. in Lakewood.

Shel Bergman (A.B.'50;M.S.'51) is living at 145 Jefferson St., Pikeville, KY 41501.

Jerry Bernard, (A.B.'72) is now the State Geologist for the Soil Conservation Svce. in Indianapolis and they are residing at R.R. 1, Box 588, Plainfield, IN 46168.

Al Bersticker (M.S.'58) reports he is still Exec. V. P. and Chief Operation Officer for the Ferro Corp. in Cleveland, OH He is still working hard and yet finds time to do some fishing, hunting and just loafing. He is taking more interest in community affairs such as Ch'rm. of Cleveland Area Development Council. Two of his children are in college and two still to go - he is hopeful one will decide on Miami. We do, too.

Bill Biehl (A.B.'80) is living at P.O. Box 1718, Rolla, MO 65401 while a grad student at the Sch. of Mines, U. of Mo.

Bill Bishop (M.A.'57) is Regional Exploration Coordinator for the Int'l. Div. Tenneco Oil Exploration & Production in Louisiana. He and Julie visit once a year to deliver a check to the Dept. from Tenneco. It is always good to see them. They live at 13711 Pinerock Road, Houston, TX 77024.

Ray Blackhall (M.S.'74) is still working hard to keep Subsurface Resources, Inc. going and growing. They have five wells drilling or to be drilled by year's end. He has seen several alums on a regular basis including Bob Mauer (A.B.'68;M.S.'74), who works in the same building in Houston. They recently visited Lafayette, LA and enjoyed a visit with Rich Wagner (M.S.'74), who is an independent there.

Bonnie Blake (A.B.'81) had experience working for Continental Labs. doing well logging in the Anadarko Basin. She got laid off soon after starting,

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

Ph.D.

Galya, Thomas A., May, 1983, Coal petrology of some selected Pocahontas No. 3 and No. 6 coal seams of the Pocahontas Formation (Lower Pennsylvanian) of Mercer, McDowell, and Wyoming counties, West Virginia: Ph.D. degree, 757 p. Adviser: L.L.Y. Chang.

Master's

Beckerman, Joseph H., Aug.'82 - Northern Regional Forensic Laboratory, Merrifield, Virginia
Benton, Douglas C., May '83
Borchelt, Thomas R., May '83 - A.T.&T., New Jersey
Dickhaut, Lisa A., May '83 - Chevron, Inc., New Orleans, Louisiana
Giuseffi, David F., Aug.'82
Gospodarec, Judith A., May '83
Lepak, Robert J., May '83 - Ph.D. Student, Miami U.
Lyke, Frederick P., Dec.'82 - Plumber, Stone Ridge, New York.
Mazzone, Peter, Aug.'83 - Ph.D. Student, U. of Massachusetts, Amherst
Ratliff, Jeffrey A., May '83 - Texaco, Inc., New Orleans, Louisiana.
Smith, Barry S., Dec.'82 - U.S.G.S. (Hydrologist), Indianapolis, Indiana
Stoffer, Philip W., May '83
Yau, Yu-Chyl Lancy, Dec.'82 - Ph.D. Student, U. of Michigan, Ann Arbor.
Zhong, William J. S., Dec.'82 - Engineer, Kigre, Inc., Toledo, Ohio.

Bachelor's

Anderson, Michael L., Aug.'82
Bendula, Richard A., Aug.'82
Bratton, David P. (B.S. Min.), May '83
Brooks, David A., May '83
Busch, Ralph B., III, Dec.'82
Cavender, Marlin J., Aug.'82
Eldred, James D., Aug.'82
Farler, Kenneth, Dec.'82
Gordon, Julie A., May '83
Hacker, David B., Aug.'82
Hatton, Richard J., May '83
Herrmann, James M., May '83
Hooper, James R., Aug.'82
Irish, Neil F., May '83
Kridler, Thomas L., Dec.'82
Lambert, George M., May '83
Lass, Craig A., May '83
McDaniel, Jon C., Dec.'82
McEachran, David B., May '83
Powell, Ernest, III, Aug.'82
Shay, Jody B., May '83
Vance, John S., Aug.'82
Warner, Jeffrey L., May '83
Whitacre, Thomas J., May '83
Wolf, James R., May '83
Zurbrick, Linda K., May '83

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## ALUMNI NEWS

### MARRIAGES

We would like to wish the newlyweds listed below health, happiness and prosperity; but most importantly, the best of luck!

Doug Benton (May '83) recently wed the former Cynthia Kathleen Williams.

Frank Bliss, who is finishing his Master's work in this dept., married Patty Rosselott (M.Ed.'77) last year. If a bit late, Frank and Patty, Congrats! They both operate a pet shop in Oxford. Their address is Lot 251, 101 Merry Day Dr., Oxford, OH 45056.

Greg Burgdorf (A.B.'78) will receive his M.S. degree from Wright State U. in Aug.'83. He married Paulina (Niemoller) in Aug.'82. She received a degree in Educ. from M.U. in '79. Greg just began a new job with SMC Martin Inc. in Valley Forge, PA as staff hydrogeologist. They are expecting their first child in late Sept. Home to them is 801 Meadowview Lane, Mont Clare, PA 19453.

Nancy Reddin (M.S.'81) has become Mrs. Scott Stanley as of December, 1982. She's been working for U.S.G.S. since November 1, 1982. Her address is: 1450 E. Iowa, Apt. 110, Denver, CO.

Brian Reid, who just needs to finish his thesis in order to get his Master's degree, tied the knot on June 4th to Katherine Anne Ross in Dallas, Texas. Brian has a job with Exxon and they are presently living at 2115 N. 12th Street, Pensacola, Florida 32503.

Tom Sale (A.B.'80) was wed to Janice Weitthoff (A.B.'81) in May of this year. Tom is a project hydrogeologist for Engineering Enterprises, Inc. Tom and Janice live at 732 S. Lahoma, Apt. 3, Norman, OK 73069.

Philip Stoffer (A.B.'79) became a married man March 13. His wife is the former Julie Mitchell. Philip is working as a draftsman-geologist for the Boulder Exploration Group in Boulder, CO. Philip and Julie's temporary address is: 4990 Osage Drive #B-7, Boulder, CO 80303.

Ned Timbel (M.S.'78) became a bridegroom on April 24, 1982 at the Brown Palace, Denver, CO. Ned's wife is the former Marguerite Kent. We wish Ned and his bride much happiness.

Graham Wilder and Melinda Scholl (M.A.T.'83) were married on July 9 at Indian Creek Pioneer Church, Relly, Ohio. Graham only needs to complete his thesis for his M.S. while Melinda is teaching at the Eastern Ky. Univ. Model Lab. School, Richmond, Ky.

### BIRTHS

Joe Beckerman (M.S.'82) and his wife, Charlotte, are the doting parents of Charlie born September 26, 1982. Joe is employed by the Department of General Serices, Northern Regional Forensic Laboratory in Merrifield, VA.

Nick Beskid (M.S.'71) has become a proud papa. Philip Joseph was born March 29, 1983. Professionally, there is no change in Nick's life. He remains Project Manager for Battelle Memorial Institute investigating nuclear waste repositories in crystalline rocks. Their home is 1692 Lynnhurst Rd., Columbus, OH 43229.

Catherine (Shafer) Crowell (M.S.'79) and Douglas L. Crowell (M.S. '77) greetings to all. They are the proud parents of Daniel and Scott, ages 3 and 1 respectively. We were pleased to hear that they are still in Columbus where Doug is working for the Ohio Geol. Surv. as a coal geologist. He recently presented a paper to the Abandoned Mine Reclamation Symposium of the Soil Conservation Society of American - a real mouthful. They are planning to do some camping in the Colorado Springs-Denver area this summer. Michael H. Finck (B.A.'73) and his wife, Kathleen, are the proud parents of Sarah, 2 years old and Suzanne, 11 months. Mike is the Commercial Estimating Manager at Columbus Contractor Co. in Columbus, Oh. Their address is 47777 Heaton Road, Columbus, Oh 43229.

Clayton (Ph.D.'80) and Cathie (Stumpenhau) (M.S.'76) Gardinier became the happy parents of Courtney Kathleen on January 3, 1982. Clayton recently received a small grant to set up a research laboratory. Congratulations on both events. Clay is working hard in his second year of teaching at Auburn U. and Cathie has set up a business as a consultant geologist. She is finding enough business to make some profit after expenses are paid. Good luck in your new endeavor, Cathie.

Greg Hinterlong (M.S.'81) and Suzanne have been blessed with another child. Gary Patrick arrived on May 25th. They have a set of twins, Katie and Matt born earlier. The Hinterlongs also have a new address at 2102A E. 82nd Ct., Tulsa, OK 74136. Greg is still with Cities Service Oil Co. in Tulsa.

Gayle (M.S.'77) and Christine Jenkins were delighted with the arrival of sweet little Elizabeth Ann on May 9th. Gayle has been having fun talking politics with Jeff Ratliff. If that weren't enough to keep him from getting bored, Kevin Paxton stimulated his interest in tournament chess.

Bob and Nancy Lepak announce the birth of their first child, Sarah Elizabeth, on July 7, 1983. She came in at 3.46 kilograms and 53.3 centimeters. They say she has grown a few millimeters in the first week.

Herbert Magley (B.S.'70) and his wife, Gail, had another little addition to the family. Son Travis Huston was born May 23 of this year.

David (M.S.'75) and Diane (B.A.'73) Parr found little John Daniel "under their cabbage leaves" at 8:56 a.m. on July 20.