MIAMI UNIVERSITY
OXFORD OHIO

BRICE HALL

DEPARTMENT OF GEOLOGY
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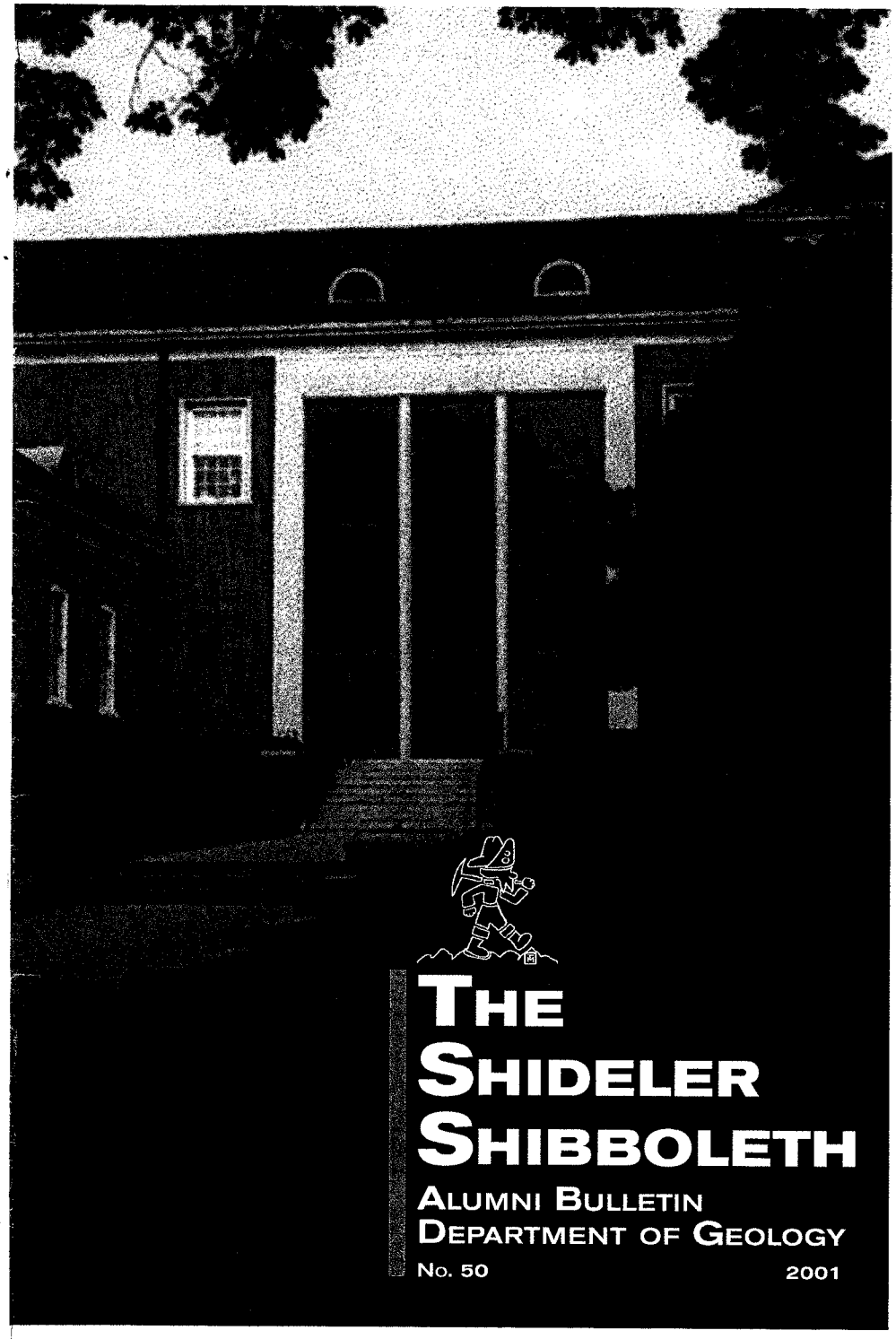


THE SHIDELER SHIBBOLETH

ALUMNI BULLETIN
DEPARTMENT OF GEOLOGY

NO. 50 2001

Return to:

Geology Department
Miami University
114 Shideler Hall
Oxford, Ohio 45056

FROM THE EDITOR'S DESK

Cathy Edwards

Well, it's been another busy but successful year in the department. Changes continued in the department with Bill Hart being appointed permanent chair of the department in the wake of John Hughes being appointed as Associate Dean of Arts and Science. Now Teresa and I face the task of "training" Bill to the administrative workings of the department.

So far he is doing quite well with his "training" and things are going smoothly. Once in a while he demands to be boss, but we keep telling him that he has to wait until Boss' Day in October! That is the one day a year that we let him "think" he's in charge!

On a personal note, Doug and I bought our first house together which had been empty for six months. After two frantic weeks of repairing and cleaning, we moved in two days before Christmas. Were we nuts or what?! The boys love it now that they have their own rooms again and we love the fact that we are in the country and have an actual yard!

Mitch and Derek continue to grow. Mitch is now officially taller than I am and has had his driver's license since November. Yikes! He continues to play varsity ice hockey for Talawanda High School (and has lettered the past two years), holds a job at Papa John's and continues to be a joy in our lives. Derek is 13, plays football at the Middle School, summer baseball and has just started to really show signs of puberty. Needless to say, we are bracing ourselves for a new round of emotional roller coaster rides.

So, yet another year comes and goes. It seems that time passes more and more quickly all the time. I can't believe I have been with the department for over 9 years already!

FROM THE DESK OF THE CHAIR

William K. Hart, Chair

Simply stated I survived my first semester as Chair. I have been here at Miami since 1984, but one gains an entirely new perspective in an administrative role. It is a pleasure and an honor to oversee the continued evolution and success of the Department, and to communicate to you the annual activities and achievements of our faculty, staff, and students.

Faculty Update

As you are well aware from reading past Shibboleths, there have been significant changes in the faculty profile over recent years. Our most recent addition, Hailiang Dong, joined the Department in August 2000. Hailiang is a geomicrobiologist with additional significant experience and expertise in mineralogy and geochronology. Hailiang had a very active first year setting up his research laboratory, writing research grant proposals (one from the National Science Foundation, one from the American Chemical Society, and one from the Miami University Committee on Faculty Research funded to date), seeing past research through to publication, developing a new course in geomicrobiology, and successfully recruiting two new Ph.D.

candidates. We welcome Hailiang and look forward to his continued success.

We undertook a search this past year to replace the position vacated by Larry Mayer's departure. After an extensive effort, we were unable to fill the position. We anticipate reopening the search next year, and look forward to a new colleague joining our ranks in August 2002.

Summary of Activities

During the 2000-2001 academic year the Department of Geology furthered its strong commitment to undergraduate and graduate education, faculty and student scholarship, and professional activities and service. This year the department profile includes eight full time faculty (one search to be reopened next year), two visiting instructors, three active emeritus faculty (Baldwin, McWilliams, Martin), four support personnel, 85 majors and minors, and 18 graduate assistants. In addition, over 130 students participated in department hosted thematic sequences and over 2,300 students were enrolled in Geology Miami Plan Foundation courses (GLG 111, 115, 121, 141).

While on-campus classroom and laboratory courses account for a significant component of our teaching effort, the number of field experiences linked to many of these courses and the number of independent study commitments increased. The course related field experiences ranged from local, one-day trips to multi-day trips visiting classic geological locations throughout the United States. Our emphasis on field-based education extends into the summer and over spring and winter breaks. For example, this year, over 100 undergraduate and graduate students and 180 Ohio teachers benefited from 13 national and international field workshop courses ranging from one to five weeks in duration. On the international front, workshops traveled to the Bahamas, Canada, Costa Rica, and Turkey. Many of these workshops included students and faculty from other universities, thus providing our students with additional opportunities to broaden their professional and cultural perspectives. In addition to these field-based experiences, Geology faculty also supervised the laboratory and/or field oriented independent research of 39 Miami undergraduate students.

Faculty and student scholarship in the department continued to flourish. This year the faculty received nine new externally funded research and education grant awards totaling $572,302 and maintained an additional six externally funded grants totaling $258,196. Over 50% of the total number and dollar amount of these active awards were received from the National Science Foundation. Numerous small internal grants in support of teaching and research also were acquired. Our undergraduate, M.S., and Ph.D. students were successful in obtaining over $4,000 from external and internal sources in support of their research and conference presentation efforts. In addition to these achievements, our eight faculty generated over 20 major papers in leading journals and books, 15 published reports, notes, and reviews, and 57 abstracts of formal meeting presentations. Approximately one-third of these contributions were authored or coauthored by Miami undergraduate and graduate students. We look forward to continued and enhanced student research contributions as we approach the summer with three Undergraduate Summer Scholar awardees and an excellent entering class of new M.S. and Ph.D. students.

ALUMNI COMINGS AND GOINGS
(fill in sheet, tear out and return to)
Cathy Edwards
Department of Geology
Miami University
Oxford, OH 45056

NAME: _____

Last First Maiden/ Middle Degree/ Yr. Rcd.

NEW (since last report) Position, Address, Mate, Degree, Family Members?

_____

_____

_____

_____

_____

OTHER NEWS (Please let us know what you have been doing):

_____

_____

_____

_____

_____

_____

_____

Please return to us by April 30, 2002!!

Michael Leone '94
John T. Lillie '72
Carl Lind '57
Harley Lindquist '83
Ernest Linz '65
David Loeb '38
Jacqueylynn Fritz Loomis '79
Arnold Lovern '52
David MacNaughton '83
Christl Marie Leutz '86
Michael Madlen '60
Sue Ann Marshall-Roberts '84
Peter Mazzone '84
Richard McCartney '87
Albert McGinnis '43
Linda McGowan '81
Thomas Meaney '78
Denis Meanor '76
Stuart Mendel '83
David C. Meyers '77
Bruce E. Miller '69
Mark Miller '83
Karen L. Mohr '88
Phillip Molling '79
Austin F. Moore '79
Julie Gordon Moore '83
Douglas Morell '73 & '78
Laura Lynn Morris '91
Robert Morris '49
Susanne Morrison '97
Theodore Murray '42
Thomas Neal '83
Jane Negus-deWys '46
David Nielsen '74
Thomas Nietert '63
Catharine Graves Norman '73
William B. North '62
Matthew L. Obloy '90
Debora Suzanne O'Brien '89
Timothy O'Keefe '82
David Olson '82
Robert Overhuls '48
Gerald Peterson '51
Cyrus Porter '38
Jeffrey Porter '79
Michael D. Proffitt, Jr. '87
John W. Queen '86
Mary Gaston Rahn '74
Jeff Ratliff '83
Jacob Reitenbach '72
Ronald Riley '75
Howard Ritzma '47
Lora Roberts '81
Harriet Leeds Robison '60
Harold Rowe '93
Constance Sasala '84 & '87
John F. Saylor '84
Peter B. Schmidt '55
Clifford Schmitt '87
Lori Scruggs '84
Tim Seidl '60
Julie Bates Seta '81
Eric Showalter '88
Ronald Silver '73
Scott Sinex '75
Kimberly J. Sizelove '84
Jack Slayton '51
Edgar Smith '71
Ronald Smith
William F. Smith '55
Fran Herlihy Snyder '93
Stephen D. Sommer '78
Walter Sonnichesen '40
John Spangler '51
Andrew Sperry '92
Nancy Reddin Stanley '81
Geoffrey Staursky '81
Douglas Stewart '53
Betty Swartz '82
James Tinsley '71
Susan Toomey '76
Frank Turner '48
R. Michael Tyson '79
Richard Tyszka
Kimberly Vedder '92
Valerie Walker '74
Dong Wang '95
Robert A. Warner '54
Rebecca Rodgers Wayne '82
Peter Weiler '82
Charlene K. White '88
Todd K. White '88
Philip Wilcox '81
William R. Williamson '54
Bruce Winningham '88
Josephine Wolter '48
Kenneth Yeso '77
James Young '59
Hubao Zhang '92

This book was printed on recycled stock

The research activities and overall profile of our faculty and graduate students are diverse and multinational. Ongoing collaborations with scholars from Albania, Argentina, Canada, China, Ethiopia, India, Japan, Mexico, Nepal, Norway, Pakistan, Portugal, Turkey, and Yemen have yielded field educational and research opportunities for our undergraduate and graduate students, opportunities for enhancing the diversity of our graduate student population, and scholarly and culturally stimulating interactions with visitors from a number of these countries. It also is noteworthy that three of our faculty members recently were invited participants in major international research expeditions on land in the Antarctic (Rakovan), in Tibet (Currie), and in Argentina (Currie), and at sea in the Gulf of Aden (Hart).

The department also contributed significantly to a spectrum of professional, community, and university organizations and functions this year. Numerous Geology faculty members served as officers of major international scientific organizations (Dilek, Rakovan), as editors of major journals (Dilek, Hughes, Rakovan) and as conveners of international symposia (Dilek). On the local front, our faculty continued to serve on a variety of college and university committees and actively contributed in a number of other arenas, including the Institute for Environmental Sciences, the Summer Reading Program, CELT, the Environmental Science Co-Major, College of Arts and Science Open Houses, Project Kaleidoscope, and the Center for Writing Excellence, to name a few. Geology faculty and students also have made significant contributions to two very important programs, Project Esteem and Project Mosaic. Members of our department played an important role in the June 2000 Minorities in Math and Science Education program and contributed to campus-wide student cultural awareness via interdisciplinary course offerings (IDS 151, IDS 159). Accompanying these commitments, we have begun to focus some of our off-campus graduate student recruiting efforts on institutions with large minority populations. We plan to expand these efforts in the coming years. We are pleased to report that over 40% of our expected in-house M.S. and Ph.D. students for the 2001-2002 academic year are women and that entering students from China, Ethiopia, India, and Japan will further enhance the department's cultural diversity.

Closing Comments

I invite you to learn more about our activities by reading the detailed accounts that follow. I also wish to express our sincere gratitude for the support that you, our alumni, have shown over this past year. Gifts to the Department are used in many ways. Some gifts support the Karl E. Limper Geology Museum, which is an important part of our outreach mission. Other gifts, to the Wayne D. Martin Field Fund or the James E. Bever/David M. Scotford Laboratory Fund, specifically are designated to support students in fieldwork or field trips, or laboratory studies. Gifts to our newest endowed account, the Baldwin Frontiers in Geology Distinguished Lectureship support an annual lecture by a distinguished scientist. Finally, unrestricted gifts or gifts to the Shideler Fund are used to enhance the academic mission of the Department. Your gifts and your involvement in providing employment information and opportunities for our students are greatly appreciated. You play an active and important role in our accomplishments, so please keep in touch and stop by if you find yourself in the Oxford area.

EMERITUS PROFESSORS ADDRESSES

A. Dwight Baldwin, Jr.
6 Fairchild Drive
Durham, NH 03824

Jim Bever
Westover Retirement Comm.
855 Stahlheber Road
Hamilton, OH 45013

Mrs. Karl Limper (Louise)
134 Hilltop Road
Oxford, OH 45056

Wayne Martin
1110 S. Locust St.
Oxford, OH 45056

Robert McWilliams
477 White Oak Drive
Oxford, OH 45056

John Pope
203 Oakhill Drive
Oxford, OH 45056

Roy Reinhart
25 Deer Trail Circle
Oxford, OH 45056

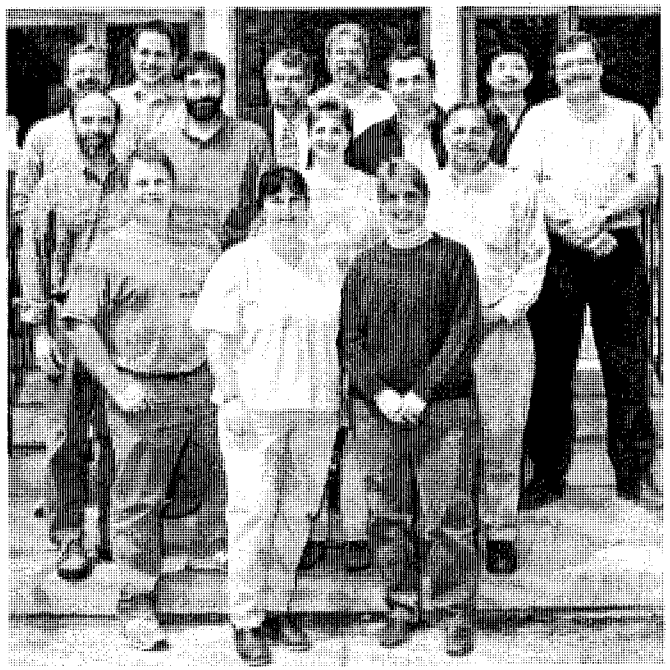
David Scotford
1029 Cedar Drive
Oxford, OH 45056

Perry Stewart
7041 Bent Tree Blvd., #717
Columbus, OH 43235

NEW FACULTY

The department feels most fortunate to have been given the authorization to hire a new assistant professor due to the departure of Larry Mayer. However, after much deliberation we were unable to fill the position this year and will hopefully be permitted to conduct another search this fall.

FACULTY AND STAFF NEWS



Faculty and staff pictured left to right: (front row): Dave Kuentz, Liz Widom, Teresa Kolb; (2nd row): Bill Hart, Cathy Edwards, Mark Boardman; (3rd row): John Rakovan, Jonathon Levy, John Hughes, Yildrim Dilek, Paul Holm; (4th row): Brian Currie, Hays Cummins and Hailiang Dong

LOST ALUMNI

If anyone has information regarding a person(s) on this list, please let us know so that we can update our files and assure that these people continue to receive Departmental news

William Adams '78
Michael Adkins '76
Wendy Ahlschlager '73
Namik Atalan '70
Valija Axelrod '65
David Balazs '85
Lina Balsiero '54
Kristine Hehmann Barr '81
Michael Barrett '94
Francisco Barrientos '57
Kevin Bartol '89
Joseph H. Beckerman '82
Douglas Benton '83
Sheldon Bergman '51
Elizabeth Keller Bishop '84
Robert Bluhm '57
Katherine Boulger '75
David Bratton '83
Mark Brockmann '85
Eric R. Brown '87
Todd C. Brown '84
Robert Cahoon '83
Thomas Camp '68
C. Merlin Campbell '44
Stephen Carlin '94
Robert Carlson '54
Chi-Jen Chang '49
Nicol Chojnowski '95
Arthur Clokey '48
Michael Coe '85
Andrew Cole '88
Cheryl Conner '83
Thomas Coyner '68
Robert Cunningham '43
Lewis Davison '52
M. Richard Devita '76
John Dodge '58
T. Michael Dodge '75
Thomas Donn '86
Lawrence Drennan '77
James Eads '75
K. Eugene Earhart '55
Bonnie Blake Eberlin '81
Jay Eisenberg '80
James Eldred '82
Lawrence Evans '84
James Feiler '81
Jeffrey Fischer '95
R. Stephen Fisher '66 & '75
Chris Flanders '84
Karl Fleischmann '85
Forrest Frazier '57
Harold Funkhouser '37
Jack Garbutt '36
Cathie Gardinier '76
Clayton Gardinier '77 & '80
Jeffrey Goshorn '76
Judy Blakemore Gospodarec '83
Mary Graham '38
Wilbert Grove '28 & '35
Larry Grubbs '61 & '64
Ronald Grygo '62
William Harris, III '79
Donald R. Hassell '72
Harold Hazel '54 & '55
George Henry, Jr. '67
Joseph Herbert '68
Jill Hippsley '84
Robert A. Hitzig '86
Robert Holmes '59
Lillie Holton McGinnis '79
Ronald Hood '69
Don W. Hughes '51
Randy L. Hyde '81
Terrie Ireland '84
Donald Jessiman '44
Shannon Jett '97
Cynthia Barnhart John '74
Allison Enderle Jones '84
Robert E. Jones '38
Jodi Junta '89
James Kaiser '92
Wynn Kearns '86
Joseph A. Kelly '35
Patrick Kilbane '87
Scott R. Kindt '88
Mark Kochan '77
Stanley Korzeb '77
Wilma Ohl Kreiss '39
Thomas Kridler '82
Robert Kuryvial '69
Paul Legge '88

IN MEMORIAM

Since the publication of last year's edition of the Shideler Shibboleth, we have received notice of the death of the following alumna, friends and faculty of the Department:

Byron Magbee (B.S. '49 and M.S. '50) – Byron passed away at his home in Vero Beach, Florida in August of 1998 after a battle with cancer. When his son found our bulletin among his belongings, he knew that his father would want him to notify us.

Byron is survived by his son, Byron Magbee, III and wife Cathryn.

CONTRIBUTIONS BY ALUMNI AND FRIENDS TO THE GEOLOGY DEPARTMENT

(June 1, 2000 through May 31, 2001)

This list is presented alphabetically, with sincere thanks to all of you!

Dwight & Barbara Baldwin
Christopher Betz
Daniel Barnett
Mark Boardman
Glen Brown
Kimberly Ehret
David Eyler
Jane Grange
Greg & Carol Hatch
Frank & Claudette Herbert
Dennis Hipple
Carl & Anne Jantzen
Thomas Jones
Martin Kelsey, Jr.
Richard Kilburn
Stephen & Elizabeth Lengyel
Charles Lotreck
Delbert & Sally Lutz
Wayne & Helen Martin
Taki Negas
Steven & Jeanne Nesbit
Edward Roberts
Suresh Sachdev
Carol Scholl
David Schuster
Peter Selover
Charles Soule
Thomas Stephenson
Craig & Bev Stichtenoth
Robert Storch
Richard & Carol Strimple
Thomas & Carol Swinehart
Jill Wheeler
Timothy Whipple
James & Laura Wolf

Mark Boardman - e-mail: boardmmr@muohio.edu

Each year passes with a few new beginnings and a few conclusions. But mostly there are incremental changes. In my teaching and research, the changes this year have been incremental. I continued revising and, hopefully, improving Oceanography and Global Climate Change, but I've added a new way to teach oceanography. This past winter Oceanography for Teachers was created to reach students in off-campus locations through a combination of tele-conferencing and web-based homework exercises. Personal engagement between faculty and students was maintained by extensive email communications with students and extensive involvement of students in term projects and weekly exercises.

The field courses to the tropics have expanded. In addition to Coastal Ecology of the Bahamas (the thematic sequence capstone) and the graduate courses Carbonate Depositional Systems and Field methods of Carbonate Aquifers, this year, we'll inaugurate a course on Coral Reef Ecology with the field component in Curacao, Netherlands Antilles (just off the coast of Venezuela). I visited Curacao the past December, and thought each SCUBA dive was one of the best I'd ever done.

Research in the Bahamas continues to focus on sea-level fluctuations and their effects on sedimentation and on diagenesis of shallow coastal aquifers. Allison Croley completed a laboratory study simulating rates of aragonite-to-calcite transformation in a coastal aquifer. This summer the effects of bacteria in changing the chemistry of the aquifer waters will be studied in the field.

My son, Jeremy, graduates from Blair Academy (New Jersey) and he plans to pursue his love of East Asian languages, culture and history at George Washington University this fall. Jessica will complete her sophomore year, and she continues to teach me many things about the current system of high-school education, teenagers, and critical human values. She will join me this summer in the Bahamas.

And finally, this year I completed a productive year-and-a-half as acting chair of the geology department. I am pleased with many of the changes, which I helped affect in the Department during this time, and I'm enthusiastic about the future success of the Department. On the other hand, there were times when I was confronted with some "alternative perspectives of the university education process "held by students, faculty and administrators. On balance, my tenure as acting chair was a rewarding experience for me – perhaps analogous to adding additional gray hair to my balding head.

Brian Currie – email: curriebs@muohio.edu

My first full year at Miami has been busy, but it has been a great deal of fun. I've spent most of my time getting me research program together and organizing the new undergraduate/graduate courses I'm teaching. I also spent two weeks in Wyoming teaching field camp and led a field workshop to Arizona over winter break. Although I'm not sleeping much, I'm really racking up the frequent flier miles!

Getting my research program up and running has required a lot of time away from Oxford. In the past year, I've spent over three months in the field. In late June and early July I was in northern and central Utah investigating the tectonic controls on sedimentation in Middle-Late Jurassic Western Interior Seaway. In the coming year, I hope to involve a few of our undergraduates in this project with the goal of heading out next summer to do more fieldwork.

In late July and August I spent 4 weeks in Argentina studying the Triassic fluvial and lacustrine rocks of the Ischigualasto Basin. The focus of this study was to evaluate the tectonic and climatic controls on Triassic sedimentation within the basin. Although this work was primarily reconnaissance in nature, two detailed sections through the ~700 meter-thick Ischigualasto Formation were generated and over 100 samples of pedogenic carbonate, clay and organic material were collected for stable isotopic analysis. In addition, 25 basalt and bentonite samples were collected to be radiometrically dated. Preliminary results have set the framework for more fieldwork that will be conducted in July and August 2001.

Argentina is a great place to work. Although it was strange going from mid-summer to mid-winter, especially with the decrease in the hours of daylight. I was working pretty far north (~28°S), so the temperatures were almost perfect for doing fieldwork (kinda like being in southern Arizona in February). In addition, the people are wonderful, the beef is outstanding and the wine is better than anything from the Napa Valley (and cheaper than Coca-Cola!). Needless to say, I'm anxious to get back.

In October I was in Tibet working on projects investigating the early Tertiary onset of collision between India and Asia and the paleotopographic evolution of the Tibetan Plateau. The project on initial India/Asia collision involved searching for the oldest rocks in the Tethyan Himalaya containing detritus derived from the Asian continent. Preliminary results have identified at least one stratigraphic section where these rocks are present. Biostratigraphic analysis of this interval indicates the northern edge of the Indian continent underwent a transition from passive margin to collision-related foredeep sometime during Late Paleocene-Early Eocene time.

Research on the paleotopographic evolution on the Tibetan Plateau is an attempt to temporally constrain the onset of orographically induced precipitation in Tibet by evaluating the stable –isotopic composition of Paleocene-Miocene lacustrine and paleosol carbonates and pedogenic clays. The initial fieldwork for this project involved sampling strata from the nonmarine Cenozoic basins of southern Tibet. The ~100 samples collected this past fall are currently being analyzed and I'm planning to go back this summer to the northern part of the Plateau to continue the project.

In terms of working in Tibet, the first thing that comes to mind is that it is a big place! Also, only the basics of the geology are understood, so it is really wide open, scientifically. The toughest part of doing fieldwork there was getting adjusted to the elevation. The lowest valleys are about the same elevations as the highest peaks in the Rockies, and it is only up from there! The average elevation of the areas where I worked was about 17,000 feet, and it took me about a week before I could walk up-slope without stopping every 10 steps. Unfortunately the cardiovascular fitness I attained in Tibet disappeared rapidly upon my return to Oxford. When I go back this summer I'm sure I'll be hurting just as much as I was last October!

As for my courses, I taught basin analysis and sedimentology/stratigraphy courses for the first time. Nothing like teaching a new course to make you realize how much you don't know! The students have been great, and I think they are getting a lot out of all the field trips that I'm trying to incorporate into the classes.

In all, it has been a super first year and I'm hopeful next year will be just as productive.

Nesbit, Jeanne Cooper (B.A. '84, M.S. '86, Ph.D. '91) – Jeanne reports that everyone has adjusted well to new family member Rebecca. Steve is still working for Duke energy while Jeanne continues to as a homemaker being kept very busy chasing 3 small children. Jeanne says she will probably try to return to teaching very part-time next fall. Jeanne also reports that oldest daughter Rachel, 5_, shows signs of a budding geologist. Her pockets are always full of rocks!

Rothman, Ed (M.S.'78) – Ed is still at Columbia National Resources drilling wells in the Appalachian Basin. His oldest daughter, Amy is a senior at Miami majoring in microbiology and his youngest daughter, Sara is a freshman at West Virginia University majoring in food nutrition. Ed's wife Jane teaches preschool.

Rotondi, Paul (B.S. '80) – Paul is still with Sadat Associates. Paul reports that other than taking care of his two dogs, he has been devoting his free time to the local American Cancer Society and the Animal Shelter. Also, his stepson, Jerome, graduated from Miami last May and is now working for Bristol Meyers-Squibb in the fleet department.

Sardi, Otto (M.S. '63) – Otto tells us that he and his wife Henrietta have become the proud grandparents for the first time. Their daughter Nancy gave birth to Stefany Nancy who was born in May 2000. Otto reports that she has already brightened their lives even though she will is just one year old.

Scott, Nancy Fischer (A.B.'77) – Nancy decided to get out of the oil business when Exxon bought Mobil. She is now a departmental manager at a software company, F.I.C.S. (Financial Industry Computer Systems). Nancy spends the rest of her time going to school functions, baseball and soccer games and loving it.

Semler, Charles (B.A. '62, M.S. '65) – Charles continues to work actively as an independent consultant, assisting clients worldwide, while enjoying life in Tucson. Charles has been a fulltime refractories consultant since 1986, which has allowed him to work on lots of interesting projects with steel, chemical, non-ferrous metals, glass, cement and other companies. Charles and his wife live in Columbus for 23 years before moving to Tucson in 1997.

Thyen, Eric (B.A.'93) – In March, Eric was promoted to Senior Research Associate at Proctor and Gamble. In addition, he was transferred from Oral Care (Crest) formulation and process section to the Oral Care Quality Assurance section. Eric's wife Deborah Olszowka (M.A. '94) is still working for the Ohio River Valley Water Sanitation Commission and when they aren't working they are spending time working on their home in Silverton, Ohio.

As was the case in last year's edition, the return card, which you are asked to fill in and return to the Department, is now printed on the last page of the Shibboleth. **Please tear this page out, fill in your "coming and goings" and put it in the mail. Your editor asks that you do it now while it is still on your mind.**

loid diversity in the Ordovician Period as part of an International Geological Correlation Project.

Goldstein, Fred (M.S. '68) – Fred has been teaching at the College of New Jersey since 1973. Fred and his wife Barbara will be celebrating their 35th anniversary soon and enjoy "the greatest grandkids ever", Molly Rae who is 4 years old and Jack Henry who is 3 months old. Fred has had 3 books published during the past few years, "Intro to Geology","New Jersey Supplement" and "Energy and the Environment".A "little" group that Fred founded called Geology Association of New Jersey now has almost 200 members. Fred can be reached via email at: goldstef@tcnj.edu.

Harris, Ann Graetsch (M.S.'58) – Ann attended two Chautaqua short courses in Anchorage in June and was a ship lecturer on the SS Universe Explorer (World Explorer Cruises) for 9 days in May. Ann is also teaching "Life of the Past" during the fall semester and transferring much of the information on abandoned deep coalmines over to historic preservation.

Helman, Ron (B.A. '55, M.S. '57) – Ron is retired as Vice President-Advancement from Michigan Tech. University and consulting/volunteering in fund raising. Ron is now having fun golfing, playing tennis, sailing and enjoying living year round on Michigan's Upper Peninsula.

Hinkley, Everett (M.S. '83) – Everett and his wife Sandy (B.A. '83) are currently living in Juneau, Alaska. Everett is employed by the US Forest Service as the Regional Photogrammetrist. Everett travels extensively throughout southeast and southcentral Alaska with this position. Sandy is working as a Database Analyst for the Alaska Department of Fish and Game. She goes out on Fish Surveys and even got to ride in a research submarine this year.

Lace-Lammert, Penny (B.A. '76) – Penny retired from teaching Physics at Ursuline Academy of Cincinnati after being there for 21 years. Penny and her husband Joe are having a great time traveling, taking cruises, reading and skiing in Colorado.

Martin, Linda Hudson (B.A. '75) – Linda is still district science fair director for Big-Walnut Schools outside of Columbus and is also "volunteer tutor coordinator" at the middle school. Penny and her family have been enjoying traveling to Puerto Rico and more recently to Hawaii. Their stainless steel process piping business is still growing and they are expanding their facility. Even with all of this Ann says she is basically a stay-at-home mom.

McEvoy, Liam (B.A. '93) – Liam and his wife Ann are the proud parents of a son, Brendan Patrick McEvoy. Brendan was born a week and a day late (a procrastinator like his dad) on June 21. He weighed in at 8 pounds 10 ounces and was 21 1/2" long. Take it from this editor, he is an adorable young man! Congratulations Liam and Ann!

Multerer, Addie (B.A. '00) –Addie got married in May and has gone back to school to become a CPA. As of now, she is a "paper pusher" at Nationwide Insurance home offices.

Yildirim Dilek – email: dileky@muohio.edu

This past academic year has been lots of fun. I ran field trips for students to eastern California, Turkey, and northern California and continued doing tectonic research in Albania, Norway, and Turkey. The field trip in Turkey was part of a workshop course on "*Tectonics and Geomorphology of an Active Collision Zone*" that I taught in the late summer and early fall. With a small group (seven) of students including both undergraduate and graduate students we explored the intricate feedback mechanisms among tectonism, magmatism, and surficial processes in western and central Anatolia. The landscape was breathtaking, food was excellent, and everyday on the trip was just as exciting. We visited some of the quake-stricken sites from the notorious 1999 August and October earthquakes in northern Turkey; the extent and severity of the structural damage in these places amazed us. I hope to run in the near future a similar field trip (with more archaeological and cultural sightseeing incorporated) in Turkey for our alumni, and Mark Boardman keeps urging me to do so. Let me know if you folks would be interested in going on such a trip.

I did teach, for the first time, my favourite course in the spring: *Global Tectonics*. In this course, we learn the principles of plate tectonics first and then apply them to studying the evolution of continents and oceans through time on a global scale. This topic requires an interdisciplinary approach integrating data and information from the fields of structural geology, petrology, geophysics, and marine geology. Students enjoyed the course, particularly our field trip in April across the western U.S. Cordillera at the ~40° N latitude from the Pacific Ocean in the west to the crest of the Sierra Nevada Mountains in the east. I am looking forward to teaching this course and running the same field trip again next year to one of the most classic fossil active margins in the world.

We did the field workshop in the Eastern California Shear Zone again this spring for the second year in a row. Students soaked their body in the hot springs of the eastern Sierra Nevada Mountains covered by snow in mid-March after long days down in the Owens Valley. Chipping on the rocks and observing the ever-changing landscape in an incipient plate boundary is actually quite fun, and we plan on going back to Bishop next spring to see how far apart the two metal pins I left along the Owens Valley fault got separated in a year. I would like to have some alumni join us on this exciting trip; so, please let me know if you would like to go!

My new graduate student Tatia Taylor developed an exciting research project in the Eastern California Shear Zone and successfully proposed her thesis topic in the spring. We spent a week, along with Charles Angerman (geology major), in the field in May to check out some enigmatic hills with old basement rocks popped up along the Owens Valley fault. I am looking forward to Tatia's return from the field in July to see what she has found out about them.

I am very excited about getting three new graduate students next year. Ninad Bondre from India, Charity Phillips from BYU-Utah, and Temesgen Ofgaa from Ethiopia will join our graduate programme this fall. They will keep me on my toes, I am sure, and I will learn a lot from them while working on some interesting and fascinating research projects together.

In addition to my ongoing projects in Albania, Norway, and Turkey, I developed new projects in Bulgaria, Russia, and the Republic of Georgia this year. I will be going to all these places later this summer to initiate these projects and to collect some

data and rock samples from various ophiolites and suture zones there. I will report on my experience in next year's Shibboleth.

One of the most exciting professional developments for me this year was the publication of my book on "*Ophiolites and Oceanic Crust: New Insights from Field Studies and the Ocean Drilling Program*" (2000, 552 p.). It was hard work but very enjoyable putting it all together during the last two years, and I am very proud of it. It is published by the Geological Society of America as one of their Special Papers (No. 349). Check it out on the GSA web site (www.geosociety.org). I also joined the Editorial Board of *The Journal of the Geological Society of London* this spring. It will be a great experience to work closely with some of the top scientists in the world through this editorial job.

Sophie turned six this June; I am trying to convince her, with no avail, to grow on a slower pace. We built her a great tree house in our backyard, and I like to spend some time up there (catching up with my reading and sleep) as much as she does. She and I enjoyed a week of bonding and swimming in the pool and the ocean down in Florida earlier in June when mom (Carol) was attending a conference. Sophie will start school in the fall, and we are really looking forward to the beginning of this new era in our lives.

I hope that your summer will be as much fun as mine has been so far!

Hailiang Dong – email: dongh@muohio.edu

Well, my first year at Miami quickly passed by, and all of the sudden, I realize I am just one of the guys in the community. From my first arrival all the way to about just two weeks ago, the university, the department and the community did a terrific job welcoming new people, and I have enjoyed all free meals, boat cruises, parties, on and on...

Thanks to the generosity of you folks, I have been teaching one course per semester, environmental geology in the fall and geomicrobiology in the spring. Teaching a large class (100 students) for the first time was a challenge for me, and I was preparing lecture materials until the last minute before the class. Luckily, various interactions from my colleagues helped a lot, especially Jonathan, who shared many notes and experiences with me. Geomicrobiology is a new course that I developed in the spring. This is my research area; I thought it would have been an easy-load. But it turned out that I did not have a textbook, I had to pull materials together from ten different books, plus many research papers from various journals.

My priority in research has been on setting up the lab and securing research grants. Luckily, my leftover work from Princeton kept my publication record going for a while (4 papers published last fall and 3 submitted this spring). The NSF grant (with the two John's) made me excited about doing structure work on biogenic minerals. I received a two-year grant from the Petroleum Research Fund (managed by the American Chemical Society) to investigate microbe-clay interactions and implications for bioremediation and microbial ecology in the subsurface. I submitted several proposals this spring to various aspects of microbe-mineral interactions. I initiated the microbe-clay interaction project here, and am in the process of writing up a paper or two. My lab is still shaping up, with purchase of an electrophoresis analyzer, glove box, incubator and some general microbiological facilties. A cold-

NEWS FROM ALUMNI AND FRIENDS

Adilman, David (B.A. '81) – David has started his own business DJA Hydrogeologic doing environmental cleanup, water supply and construction de-watering. They provide field services, groundwater modeling, land project management. On top of all of this he is building his own house.

Allwine, David (B.A. '84) – David and his wife welcomed their second child, a boy, Dawson Alexander, born on 12/16/99. David received a promotion to Division Manager – Environmental Engineering at Jacques Whitford Company in Portsmouth, NH.

Batchelor, Jim (M.A. '49) – Jim reports he is 80 years old, retired for three years and is now in a nursing home. Jim taught geology for 37 years at McNeese State University in Lake Charles, LA and founded a 4-year geology degree and a 2-year petroleum service degree for roughnecks and drillers working off shore on platforms in the Gulf of Mexico.

Beskid, Nicholas (M.S. '71) – Nicholas is a Project Manager with Delta Environmental Consultants, Inc. working with Amoco/BP Leaking Underground Storage Tank Cleanup Program. Nick's son Chris graduate from North Central College as an English major in June and son Philip graduated from high school. He is looking into radio broadcasting as a career. Nick's wife Judy is a church receptionist. Nick sends a big hello to all of his Miami friends!

Feighery, Mary Kathleen (B.A. '99) – Katie has been working at Belmont Environmental Labs in Englewood, Ohio.

Fleischmann, Karl (M.S. '85) – Karl quit the academic life in 1997 after several years as a research scientist in Russia, South America and Eastern Europe. He is with Phillips Alaska in Anchorage. Karl and his wife Carolina are expecting their fourth child in February of 2001. This baby will join siblings Zach (age 9), Zoe (age 7) and Christopher (age 2).

Foley, James (B.A. '99) – James is working as an assistant scientist for Sea Education Association teaching oceanographic research aboard a 125 ft. schooner that operates from the Gulf of Maine to the Caribbean Sea.

Frey, Robert (M.S. 86, Ph.D. '83) – Robert's daughter, Carrie, is a freshman at arch rival Ohio University majoring in forensic chemistry, son Chet is a freshman at Dublin Scioto High School and wife Cathy is now a supervisor with Chase Manhattan Mortgage at their headquarters in Columbus. Robert is still with the Ohio Department of Health assessing the public health threats posed by hazardous waste sites and the release of toxic chemicals to the environment and is a board member and river monitor with a local watershed group in Columbus (Friends of the lower Olentagy River/FLOW). Robert's field research carried out in 1993 with the Canadian Geological Survey is finally on-line to be published as a Geological Survey of Canada Bulletin and he is also coordinating an international team describing nauti-

DEPARTMENTAL STUDENT HONOR AWARDEES

The H.Van der Veer Hilker Memorial Scholarship: Awarded to a junior geology major selected on the basis of academic achievement and potential contribution to the community, need for financial assistance, and the recommendation of the Department.

Charlie Angerman

The Wells Scholarship: Awarded to a student attending field camp on the basis of grade point average and need:

Matthew Spansky

Robert E. Radabaugh Geology Scholarship: Awarded to outstanding geology majors on the basis of need.

Jill Henry

The Wayne D. Martin Field Fund: This is a fund established to help students cover field expense.

Charlie Angerman
Jill Henry
Drew Ruther
Isaac Smith
Rebecca Witherow

Scholarship/award recipients: Matt Spansky and Jill Henry

room is still under construction, in which I plan to conduct bacterial transport experiments for the purpose of bioremediation.

I am excited that two new Ph.D. students will join my research group this fall to take on several projects. Mark and I are co-advising a student on the Bahamas project to examine the role of microbes in carbonate diagenesis. Speaking of which, this summer will be an exciting experience. I am going back to China for a few weeks establishing some initial contacts on various research fronts. I will then spend some time at Florida State University and Pacific Northwest National Laboratory doing some molecular biology. July will be our busiest month, where my student and I will be out in our bacterial transport field (Oyster,VA) to conduct 24-hour experiments. Hopefully, I will have more to report in the next issue.

Bill Hart - e-mail: hartwk@muohio.edu

To sum it all up starting last June – field camp, field work (Idaho and Nevada), fall semester research leave, holidays on an oceanographic research ship, took over as chair, teaching, research, and getting ready for field camp and field work, not to mention one home here in Ohio where Bill occasionally can be found (more often in Shideler Hall) and one home in Idaho where Judi generally can be found!

At last writing, I was t-minus 10 days from departing for Dubois, Wyoming. The summer 2000 field camp went very well. The weather was generally good throughout the Rockies, although not as warm and sunny as in 1999. For those interested in the current field camp design and recent photos, please check out our website at www.muohio.edu/fieldgeology/. Following field camp, I ran a new workshop on Volcanology of the Western Snake River Plain Region with Ph.D. student Matt Brueseke and M.S. student C.B. Minturn. This workshop and associated fieldwork examined two areas; the Hagerman – Glenns Ferry region of Idaho, and the Santa Rosa – Calico volcanic field of northern Nevada.

During the fall semester I was on research leave based out of Hagerman, Idaho. During this leave I pursued field studies in Idaho, worked on synthesizing data for a number of research projects, and wrote and submitted a major proposal to the National Science Foundation for work in the Santa Rosa – Calico volcanic field of northern Nevada (the proposal was funded!). From mid-December to mid-January I participated in a Japanese sponsored research cruise aboard the R/V Hakuho-maru. The focus of this cruise was the Gulf of Aden, and my interest was in recovering volcanic ash from shallow piston core sediments for potential links to on-land ash occurrences in East Africa. This was a new and very interesting experience!

Upon returning from the cruise (long flight from Chennai, India), I took over as Chair of the Department. The combination of [1] coming up to speed with the Chair responsibilities, [2] teaching, for the first time, the newly revised, full semester Igneous and Metamorphic Petrology course (GLG 357), [3] working on two manuscripts and one instrumentation proposal, and [4] preparing for the summer 2001 field camp kept me quite busy! On the research front, my three in-house graduate students (Matt Brueseke, Shawn Irvin, C.B. Minturn) all continued to make progress in their research, with CB successfully proposing his thesis topic (basaltic volcanism in the Hagerman, ID region). Matt's research in the Santa Rosa – Calico volcanic field of northern Nevada got a significant boost when we learned that we would receive three years of funding from the National Science Foundation ($127K) for this re-

search. Matt also received very positive responses at the fall Geological Society of America Annual Meeting regarding his poster presentation on reinterpreting the chronology of Oregon Plateau flood basalt eruptions. This past year also was productive on the publication front, with one paper on East African volcanology published, and three papers in press (one in Nature relating to a new Ethiopian hominid discovery).

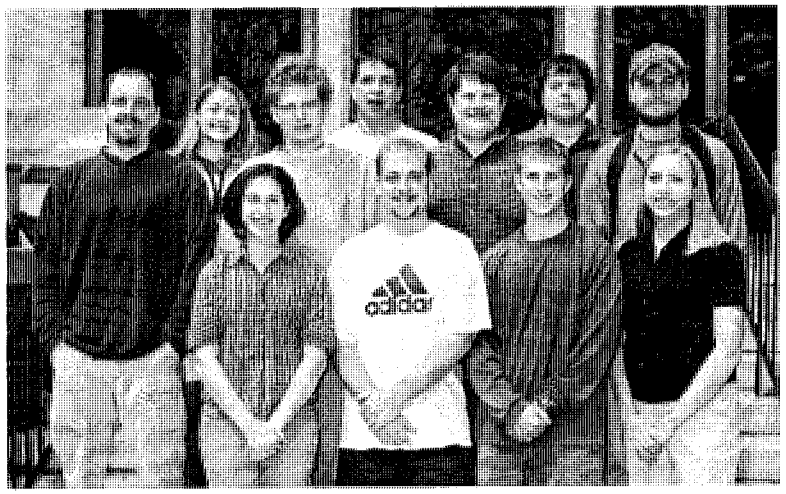
At this writing, I am t-minus 4 days from departing for Dubois, Wyoming. After the five-week field course ends in early July, I will again be leading a second field workshop on the physical volcanology of the western Snake River Plain region. After this workshop and additional fieldwork, Judi and I will spend some time together in Idaho before I head back to Ohio in August. That is about it for now – stay tuned for an update next year.

John Hughes – e-mail: hughesjm@muohio.edu

Every year I make a deal with Cathy that if she gives me the absolute deadline for Shideler Shibboleth contributions, I will make the deadline and she won't bug me. Well, it is late the night before the absolute deadline, but I will make it! Without Cathy this volume would be quite slim, and she deserves all the credit for the annual alumni update...

It has been a year to look back on. Professionally, I continue as Associate Dean of the College of Arts and Science, which I find quite rewarding; I am pleased to infuse some of the standards of our department to the College. I continue with active research and teaching, which I would not give up for anything. With my students, I have published two papers in The Canadian Mineralogist and two in American Mineralogist, with six others in press. I have been listed as a co-author on twelve conference presentations; the most significant, of course, being on "The Mineralogy of the Pitcher's Mounds of the National League", undertaken with Scott Sauerbeck, '01, a member of the Pittsburgh Pirates staff. This may perhaps be the most unique senior project ever undertaken in the department. With John Rakovan and Hailiang Dong I was successful in obtaining funding for a new CCD diffractometer from the NSF, and we are very eagerly awaiting installation (alas, at this writing, the $300,000 instrument is lost somewhere in transit between Oxford and Madison, WI; stay tuned...). Jeff Foley successfully defended his dissertation, and will be listed among the August, 2001 graduates; he deserves the sincerest congratulations for his work, which will be listed in the Geotimes volume as being among the significant pieces of research in mineralogy in 2000.

Susan and I continue to be proud of our children. Gareth graduated from Skidmore in May, and is spending the summer in Saratoga Springs before beginning "life" in August. Rebecca had a wonderful freshman year at Connecticut College, her only complaint being that her room did not have an ocean view (ever try to see the Atlantic from Oxford???). Susan continues as the Doty Professor of Accounting at Butler University; we even get to see each other occasionally. We will have a week together in Geneva this summer, and she has made me promise I won't bring my computer. We also expect to go to see Rebecca this summer, who is working on Martha's Vineyard; have to keep in touch with the kids, of course!



Some of our undergrad students, left to right: (front row): Katherine Kostopolous, Matt Spansky, Andrew Gomoll, Lauren Gilbert, (2nd row): Eric Hammerly, Matt Reeder, Norman Wells, Craig Patterson, and (3rd row): Tracy Green, Isaac Smith, Jeff Boesch

Some of our graduate students, left to right (front row); Carrie Wright, Nat Warner, Darin Snyder, (2nd row): Nicole Heller, Tatia Taylor, Sarah Gaddis, Shawn Irvin, (3rd row): C.B. Minturn, Matt Brueseke

BACHELOR'S, MASTER'S AND PH.D. DEGREES AWARDED - AUGUST 2000 - MAY 2001

Bachelor of Arts Recipients

Kasey McCall, August 2000
Jennifer Nolen, August 2000
Jeannette Schmitz, August 2000
Abby Keane, December 2000
Jay Schwegman, December 2000
Christopher Gardner, May 2001
Craig Patterson, May 2001
Scott Sauerbeck, May 2001

Master of Arts Recipients

Ann McConnell – August 2000
James Essex – August 2000

Master of Science Recipients

Guoxiang Lin – December 2000 – "Spreading rate dependency of brittle deformation and hydrothermal alteration in modern oceanic crust". Advisor: Dr. Dilek

Craig Thomas – December 2000 – "Structure of the sheeted dike complex of the Kizildag ophiolite, southern Turkey and implications for seafloor spreading processes". Advisor: Dr. Dilek

Stephanie Bosze – May 2001 – "The sedimentology, stratigraphy and chemistry of Playa Lake deposits resulting from hurricane Nora in the Chapala Basin, Baja California, Mexico". Advisor: John Rakovan

Liselotte Shoffner – May 2001 – "Surface structurally controlled sectoral zoning in fluorite: Implications towards understanding trace elemental heterogeneity in hydrothermal deposits". Advisor: Dr. Currie

Jonathan Levy – email: levyj@muohio.edu

As a hydrogeologist at Miami, I follow in the footsteps of my friend and guide, Dwight Baldwin. This year was the first year of Dwight's full retirement. So, while Dwight enjoyed his new home in New Hampshire, I took on his Water and Society course for the first time. This course served about 70 students, and is a mix of natural and social sciences. We covered many national and global water quantity and quality issues such as water shortages, overmining of groundwater, the hazards and benefits of large dams and irrigation, the settlement and development of the US west, water regulation, science and our legal system and environmental racism. Much of the material was somewhat new to me, presenting a wonderful challenge. If my students learned as much as I did, then there is no question that it was a very worthwhile experience. In addition to Water and Society, I also taught upper-level courses on Introduction to Hydrogeology, Groundwater Flow Modeling and a summer workshop on Field Applications in Hydrogeology.

In the past year, my Masters student, Ben Mignery, became a hydrogeologic consultant for the Cincinnati firm URS (formerly Dames and Moore). While full-time employment inevitably slowed his thesis work, Ben continues to work on his investigation of induced infiltration at a Cincinnati well field along the Great Miami River. This work is part of larger research projecting involving the USGS, the City of Cincinnati, myself and Dr. Bob Findlay from Miami's Department of Microbiology. Ben's field and modeling study focuses on ways of determining the amount of water that municipal wells draw directly from the nearby river (thus posing a potential pathway for biological contamination) and determining the travel time of water moving from the river to the wells. Ben is now writing up his work and hopes to receive his degree this summer.

Also finishing this summer is my Ph.D. student, Kerang Sun, who has been conducting laboratory column transport and modeling experiments. Kerang is working to better understand and develop a predictive capacity for bacterial and bromide transport through outwash sediment collected from Ben's field site. Kerang has found many interesting relationships indicating how the sediment characteristics control the transport of both conservative (bromide) and reactive (bacteria) contaminants. Kerang and I will be working on submitting publications based on his research later this summer.

My newest graduate student is Nathaniel Warner, who began his Masters degree program last fall. Nat quickly and enthusiastically embraced a project I have been thinking about for many years — conducting a water-quality survey in Nepal. In fact, I am typing this Shibboleth entry from an office in Kathmandu. For the past month, Nat, an undergraduate assistant and I have been sampling water from all over the Kathmandu valley and from mountain villages in the Annapurna region. The Annapurna work involved trekking with a portable computer, data sonde, incubator, batteries, analysis kit and an array of other water sampling materials. I carried a fair amount, but I must admit that Nat and our dedicated undergraduate, Frank Farruggia, bore the brunt of the weight. Nat's project is coming along quite well and over the next month he will collect enough data to make comparisons of the quality of groundwater and surface water from a variety of source types, depths, settings and ages. Our progress is in spite of minor setbacks from threats of a Maoist insurgency, national strikes and then the massacre of the entire royal family by the crown prince

just the night before last. (As they say in Nepal, "Ke garne", meaning "What to do?") The project continues and I am hopeful that our results will not only make a good Masters thesis for Nat, but might in some small way help this beautiful country with some of its severe water problems.

John Rakovan – e-mail: rakovajf@muohio.edu

2000 was my third year here at Miami, and was a busy one. The highlight of the year for me was a trip to the Dry Valleys of Antarctica. My wife, Monica, and I were asked by Bill Green, a professor of Geochemistry on Miami's western campus, to go down as part of a team of researchers from Miami and the University of Wisconsin at Lacrosse to study the biogeochemical cycling of trace metals in the lakes of the Dry Valleys. We spent a total of four weeks on the ice looking at the interactions between bacteria and minerals and their influence on metal concentrations in Lake Miers and Lake Joyce. Below is a photograph of our camp in Pierce Valley above Lake Joyce.

Another highlight of this last year was the graduation of my first graduate student advisee, Stephanie Bosze. Stephanie's thesis research resulted in two papers, Surface structure controlled sectoral zoning of the Rare Earth Elements in fluorite from Long Lake, N.Y. and Bingham, N.M. and Mineralogy and paragenetic history of fluorites from Bingham New Mexico, both which have both been submitted for publication. Carrie Wright joined our group this year and is working towards an M.S. degree in mineralogy. Carrie is working on the cause of color in fluorites from Bingham, New Mexico and her preliminary studies have won her the 2000 American Federation of Mineralogical Societies Academic scholarship. Kasey McCall and Matt Spansky, two undergraduate students in our group gave presentations of their research at the National Geological Society of America Meeting and the Butler University Undergraduate Research conference.

It was a good year for funding as well. I received an NSF grant to study the transformation of palygorskite and sepiolite to smectite. Eric Hammerly, an under-

SPECIAL INVITATIONS

As in past years, we would very much like to invite you to visit the Department to meet our new faculty and see the changes in equipment and space use that have occurred since you graduated. You are always welcome in the department. Three special alumni events that occur each year and are open to all alumni are:

Alumni Reception at GSA - The Geological Society of America meetings are always a good place to re-establish ties with Miami friends. This year the meeting will be held November 1 - 10 in Boston, Massachusetts. As in past years, we participate in the group alumni reception and look forward to seeing all the alumni who can make it to GSA. The reception will be held on Monday, November 5 at 7:30 pm. We hope to see many of you there!

Baldwin Frontiers in Geology Distinguished Lectureship – This is an endowed account set-up to honor A. Dwight Baldwin, Jr. to bring to campus scholars with national or international reputations to interact with faculty and students. The first lecture will take place during the spring semester 2002 with Dr. Tim White from the University of California, Berkeley. Dr. White will speak on recent geological and paleontological research in Ethiopia that bears on human evolution. More detailed information will be sent out in the fall. Anyone wishing to contribute to this endowment can do so by sending contributions to the Geology Department.

Limper Lecture Series - Each fall the Department sponsors a Saturday morning lecture series for the general public on a theme related to the earth sciences. These talks have proven interesting and lively, and have served as a vehicle for introducing geology to the public and for drawing alumni back to the Department. If you would be interested in the fall, 2000 schedule, please contact Joe Marak at (513) 529-3220. We hope that you will join us for a cup of coffee or tea, a donut and a stimulating discussion on some point of geological interest.

SPECIAL RECOGNITION

One of the real pleasures each year for the editors is the recognition of alumni, faculty and students who have received special recognition or awards during the past year. Please let us know if you receive such recognition so that we can pass on the good news.

Yildirim Dilek (Associate Professor) was invited to join the Editorial Board of *The Journal of the Geological Society of London*. Yildirim is an elected Fellow of the Society, which is the oldest geological organization in the world. Yildirim also published a book on "Ophiolites and Oceanic Crust" as a Geological Society of America Special Paper (#349).

John Rakovan (Assistant Professor) was name Executive Editor of Rocks and Minerals. John replaces Dr. Robert I. Gait, who retired after more than twenty years as executive editor and columnist. John brings with him to this appointment the background of an associate editor of the American Mineralogist and is an active member of the Mineralogical Society of America. Readers of Rocks and Minerals will recall that John was one of the discoverers of the Hopkinton, Rhode Island amethyst locality.

THE 2000-2001 GEOLOGY SEMINAR SERIES

Peter Burns – University of Notre Dame – "Uranium mineralogy and geochemistry".

Martin Flower – University of Illinois, Chicago – "Significance of the IBM (Izu-Bonin Mariana) Geochemical High-Tide Mark".

Danielle Cherniak – Rensselaer Polytechnic Institute – "Diffusion in accessory minerals: influences of crystal chemistry and geochronological and geochemical implications".

Karla Parsons-Hubbard – Oberlin College – "Using Shell Preservation to Predict Depositional Environment: Experiments in the Recent with Applications to the Ancient".

Carlton Brett – University of Cincinnati – "Sequence and Event Stratigraphy of the Medial Silurian in Eastern North America: Comparison of Appalachian Basin and Cincinnati Arch Successions".

Kieran O'Hara– University of Kentucky – "Studies of pseudotachylyte-depth estimates and fluid conditions during frictional melting in the crust".

Ken Ridgway – Purdue University – "Sedimentary basin development in terrane suture zones".

Mary Stoertz – Ohio University – "Restoring acid-mine-drainage impaired streams in Ohio: The geologist's role on the multidisciplinary team".

Peg Yacobucci – Bowling Green State University – "Explosive Evolution of Ammonites in a Cretaceous Sea".

Neil Sturchio – University of Illinois, Chicago – Synchroton radiation studies of mineral-fluid interfaces".

Lewis Owen – University of California, Riverside – "Paleoenvironmental change and landscape evolution in the Himalayas and Tibet".

Bingming Shen-Tu – Indiana University – The kinematics of active deformation in the western U.S. plate margin and its implication in seismic hazard analysis".

Brandon Beierle – Queen's University, Kingston, Ontario – "Think globally, core locally: Arctic teleconnections during the Late Glacial".

Anjana Khatwa – University of California-Santa Cruz – "Mechanism of soft-bedded ice stream flow: Constraints from till micro morphology".

Andrew Barth – Indiana University/Purdue University – "K-T events in southern California: A continent turned upside down".

Aaron Wolf – Oregon Sate University – "Conflict and Cooperation over International Waters".

Mohamed Sultan – Argonne National Laboratory – "Environmental concerns, assessment and solutions: case studies from Egypt".

Steve Ingebritsen – U.S. Geological Survey – "Land Subsidence in the United States".

In addition, graduate students proposed or defended their theses and dissertations.

We again thank all alumni whose financial support has helped cover some of the costs incurred in maintaining this seminar series.

graduate in our department has started an independent study in conjunction with this project. Also, John Hughes, Hailiang Dong and I received an NSF grant for the acquisition of a new single crystal diffractometer with a CCD detector. We are very excited about the previously intractable range of crystal structures that this instrument will allow us to study. CCD technology has revolutionized single crystal diffraction and we are now one of only 3 Geology Departments in the US with such an instrument.

I continue as associate editor for the American Mineralogist and I was asked to be the executive editor for Rocks and Minerals starting next year. I am particularly pleased about this appointment because it is a fantastic opportunity for outreach and education of mineralogy to the nonacademic community. Finally, John Hughes and I have at long last organized an effort to publish a Reviews in Mineralogy volume on Phosphate minerals with an emphasis on apatite. This has been something that we have talked about for quite a few years and the projected publication data is October 2002.

Elisabeth Widom – e-mail: widome@muohio.edu

Believe it or not (I'm not sure I do!), I've been at Miami U. for 4 years already! I'm not sure where all the time went... This past year has been as hectic as usual, but lots of fun. This was the first year that I didn't have a new course to develop, so I was sure the year would be a piece of cake, but somehow I managed to spend just as much time as always, making lots of changes to the Isotope class and to GLG 111. The good news is that I finally have all of my courses fully electronic, in PowerPoint and the Web. So, next time it should all be easy (riiiight!). Actually, I am looking forward to teaching one more new course this coming fall, when I'll be taking over the high temperature half of GLG 211 (Chemistry of Earth Systems). This will be my first core course at the majors level, a new challenge no doubt!

Things have been going well with the research agenda, too. I managed to squeeze in a two-week field season in the Azores over Christmas, which was quite a treat. It was the rainy season there, but still nice weather, highs in the 50's and 60's – just the periodic rain storm and winds up to 80 miles per hour to contend with! The wind made the fieldwork a little tricky(!), but it was a very successful field season nonetheless. I also attended a couple of exciting meetings this past year. One was a workshop in Romania, in a nice resort in the foothills of the Carpathian Mountains – great science and great location! The other meeting was the Goldschmidt Conference, probably the best meeting I've ever attended – and in Oxford! Oxford, England, that is... I also was invited to be a member of an NSF panel, which required reading over 100 research proposals, but the consolation was being in Washington, DC at the height of the cherry blossom season (and I have to say, I learned an awful lot, too – it was really a lot of fun).

Dave a tough year of courses in Systems Analysis, but the end is in sight... he'll be graduating at the end of the semester! The job search is in progress, and we're both looking forward to seeing what he ends up doing next year. It will be quite a chock for Dave to enter the real world after being a student for all these years!

Although it's been a great year, we sure are glad that summer is here! Other than a month in DC, we'll be in Oxford for most of the summer, which should be quite relaxing. We're looking forward to the farmer's market, concerts on the lawn, swimming... oh, yeah – and writing a few manuscripts in the spare time!

EMERITI UPDATE

Wayne Martin

Helen and I are planning to again travel to Dubois, Wyoming for a few weeks this summer.

With the help of Joe Marak, Limper Museum Curator, I have been working with the sedimentary rock collections. Joe has informed me that we have nearly 1700 catalogued specimens of rocks and sediments in the collections. We acquired some of new thin sections of rocks this winter.

An enjoyable project has been the preparation of a manuscript titled: "The Geology Field Station at Timberline Ranch, Dubois, Wyoming, 1940 to 2001." The history of the field station article, with most of the illustrations in living color, should be completed early this summer. The article will be available from the Dubois Museum, and from the Geology Department.

I especially enjoyed leading a three-day, spring field trip from central Ohio into western West Virginia, with Professors Brian Currie and Ken Ridgway and students from Purdue University.

Robert McWilliams - e-mail address: rmcwilliams@miavx1.muohio.edu

Richard Lee, Ed Soldo and Bob taught 85 teachers enrolled in Environmental Science for Elementary School Teachers who were supported by $105,320 Eisenhower Grant from the Ohio Board of Regents. Richard Lee is a Miami University Professor of Zoology, and Ed Soldo is a Miami botany grad who just retired from teaching biology at Sycamore High School. So far, Bob has received a total of $910,673 in Eisenhower Grants to train teachers in field geology and environmental science.

Last summer was the fourteenth consecutive year for teacher workshops taught at the field station. To date, 1175 teachers from all over the United States have completed courses at the field station.

Bob and Mary are enjoying their retirements. They spent two weeks in Spain this winter and plan to spend two weeks on a walking tour of Sicily in September.

THE KARL E. LIMPER MUSEUM

Joe Marak – e-mail: marakjh@muohio.edu

At first glance, the past year was not notable... but then, another year passed without disaster! Again, every "Limper Museum Lecturer" showed up, and on time, and all went flawlessly.

Museum visitation was stable with about 379 Elementary School children attending and an additional estimated 225 Lakota High School students. Again this year, a number of Dr. Widom's students did extra-credit exercises in the museum.

The Cincinnati Dry Dredgers and the Cincinnati Minerals Society visited the museum this year, and it was nice to have visitors who were especially appreciative of our displays.

Many of you may remember that the department has been utilizing storage space at the old NIKE Base. Unfortunately, Miami has not maintained the building

and the roof is falling in. We are pleased to report that the Ohio Survey transferred our Todhunter Terminal and Middletown cores to their new core facility, and so those at least are safe from the elements.

Bernie Baker (AB '59, MS '64) has dropped by several times this year and it is always good to visit with him. Jim Smith (MS '49) attends most of our seminars and also the Limper Lectures. We hear from Ken Shafor (AB '54, MS '59) from time to time and can report that he can supply you with fine millstones from SE Ohio. I have visited briefly with Dave Scotford and John Pope, and apparently life is treating them well. Bob McWilliams and Wayne Martin are around the department much of the time, and I miss them when they leave town. George Distler (MS '67, Ph.D. '72), Ben Brace (MS '68), and Tony Martin (MS '86) have communicated with me via e-mail and so I can report that they are still prospering.

As I recall, the Limper Geology Museum Lectures came about primarily from the suggestion and support of Maryellen Cameron and John Hughes. This fall, we will enter our 15th season, and a number of our faculty have contributed multiple presentations to this effort. Last fall, four lectures were presented and we were able to introduce Elisabeth Widom to our community. Elisabeth (Liz) told us about her research in the Azores, and Yildirim Dilek spoke on the Deccan Traps (India). Richard Davis (an honorary MU person because he attended our Wyoming Field Station in 1962) presented Classic Cincinnati Fossils, and Dale Gnidovec from the Orton Museum spoke on the Magnificent Morrison. These talks brought the total number of lectures presented to 59 and the total attendance to 5,692.

EMPLOYMENT INFORMATION

We still maintain a bulletin board for posting all position openings. The postings include the names and address of companies and agencies looking for geologists. Information about the postings can be obtained by calling Cathy Edwards or Teresa Kolb at (513)-529-3216.

We have found that the most current job leads come from former students. Thus we would be very appreciative if you would continue to provide us information about openings for qualified geologists in your organizations. Again, this information can be passed on to Cathy Edwards or Teresa Kolb at the number above. Thanks for your help!

UNDERGRADUATE INTERNSHIP PROGRAM

The Department also continues to maintain a listing of organizations having internship openings and encourages undergraduate students to apply for these summer positions. This program began five years ago with 3 students who spent their summer with Amoco in Houston, Texas We would be interested in any internship opportunities for undergraduate geology majors that might exist in your organization. Even if such a program does not exist now in your firm, imagine the extra work that could be accomplished, at little cost, if you were to hire a highly energetic and intelligent student for the summer. Give it some thought, and call either Cathy Edwards or Mark Boardman (513-529-3216) if you decide you could use some help.