

# Alumni News 2006

Alumnus **Mark Myers** was confirmed as the new director of the United States Geological Survey on September 15, 2006. Myers received a BS in 1977, and, in 1981, an MS under Professors Charlie Byers and Bob Dott.

Myers is an internationally recognized geologist and former State Geologist and head of Alaska's Geological Survey.

"Mark is known not only for his accomplishments as a geologist and state survey manager but also for the consensus building approach he has emphasized throughout his career," Acting Interior Secretary Lynn Scarlett said in a press release. "He brings more than 22 years of wide ranging experience in geological science and strong leadership skills to the U.S. Geological Survey."

As State Geologist and Director of the State of Alaska Division of Geological and Geophysical Survey, Myers managed a research organization that included 38 scientists and support staff. The state survey generates analyses and interprets data on geologic resources and natural conditions and maps and inventories mineral and energy resources on state land. That information is used by the government, private industry, scientists, educators and the public.

As Director of the State of Alaska Division of Oil and Gas, Myers oversaw a professional staff of nearly 100 employees, including geoscientists, engineers, land managers, accountants, commercial analysts, and auditors.

Myers, an expert on North Slope sedimentary and petroleum geology, served as survey chief for field programs in the MacKenzie Delta (ARCO, 1985), Cook Inlet (State of Alaska/U.S. Geological Survey, 1997), and North Slope (ARCO, 1999). He also served as



**Mark Myers examines a Cambrian sandstone outcrop at Trempealeau, WI, September 1981.** (Robert H. Dott, Jr.)

sedimentologist for 13 other North Slope field programs.

Myers is a past president and board member of the Alaska Geological Society; a certified professional geologist with the American Institute of Professional Geologists; a certified petroleum geologist with the American Association of Petroleum Geologists; and a licensed geologist with the State of Alaska.

He served as an officer in the U.S. Air Force Reserve from 1977 to 2003, retiring as a Lt. Colonel.

He received his doctorate in geology from the University of Alaska-Fairbanks in 1994, specializing in sedimentology, clastic depositional environments, surface and subsurface sequence analysis and sandstone petrography. The USGS serves the nation by providing reliable scientific information to describe and understand the Earth; minimize loss of life and property from natural disasters; manage water, biological, energy, and mineral resources; and enhance and protect America's quality of life.

The 10,000 scientists, technicians and support staff of the USGS are located in nearly 400 offices in every state and in several foreign countries. With a budget of more than \$1 billion a year, the USGS leverages its resources and expertise in partnership with more than 2,000 agencies of state, local and tribal government, the academic community, other federal allies, non-governmental organizations, and the private sector.

Myers is the second GeoBadger to serve as director of the USGS. Alumnus Vincent McKelvey (MA 1939, PhD 1947) held the position from 1971 to 1978. ●

## 1940s

### **Robert Singel, BS 1942**

After leaving school I married Jeanne Parks—also class of '42. We have four children and have been married for 63 years. World War II had just started...I spent two years at sea...and flew Navy aircraft for seven years. Then I went to the CIA...ended my work with the agency as Deputy Director of the National Reconnaissance Organization. Then I consulted for 30 aerospace companies, sequentially, for 17 years, and am now retired.

### **Edward C. Mees, BS 1943, MA 1948**

I try to keep abreast of certain oil and gas activity. I enjoy sports—Badgers were great this year. My wife Peg died in '99; oldest daughter died in '02. I quit skiing in '01 which was my main activity and interest. My main activity now is aiding grandkids—education, etc. I have one great-granddaughter.

### **Reid Bryson, faculty 1946-48**

[rabryson@wisc.edu](mailto:rabryson@wisc.edu)

I'm still modeling paleoclimate, but now upgraded model for 100 year time resolution, monthly, anyhow.

### **Keith Ketner, BA 1947, MA 1952, PhD 1968**

[kketner@usgs.gov](mailto:kketner@usgs.gov)

I retired from the U.S. Geological Survey in 1995 but retain an office and continue to publish papers on the geology of Nevada. My dear wife of 60 years, Donna Mulder, passed away June 1, 2006. We were fellow geology students and received our BA degrees together in 1947.

### **Thornton E. Anderson, MS 1949**

I should finish my personal autobiography this year. I'm still active with the Kansas Geological Foundation of which I was one of the founders in 1989. Kathleen and I attended the annual meeting of AAPG Foundation Trustees in San Antonio last October.

## 1950s

### **Jack Ahlen, BS 1950, MS 1952**

[jahlen@DFN.com](mailto:jahlen@DFN.com)

I am currently consulting, oil and gas, primarily southeast New Mexico, and preparing wildcat ventures and re-entries of previously ►►

producing wells. I'm a member of AAPG, SIPES, and the Roswell and New Mexico Geological Societies. I'm in remission from non-Hodgkins lymphoma. I've been married for 55 years to Marilyn and we have five children, 11 grandchildren, four great GC. Having a great life!

**Lavine Roeland, BS 1950**

I retired as physical scientist after thirty years with the federal government in Washington, D.C.

**Gwen Schultz, MA Geography 1950; Faculty, Survey 1986**

I'm "retired." I'm still involved in research and writing, and in helping others with their publishing materials.

**Richard Willoughby, BS 1950**

I'm retired and living in Palo Alto, CA.

**Charles W. Hayward, BS 1951**

I'm retired and living in Irving, Texas.

**Leonard C. Winters, BS 1951**

I won first place for outdoor Christmas decorations in Bayview, south side of Milwaukee, 2006.

**Robert Tabbert, BS 1952, MS 1954**

My interests are conservation and native brook trout.

**Lynn A. Yelhle, BS 1952, MS 1954**

I am continuing to work-up surficial geologic ancient maps for several Alaska localities.

**Ted (Edward) Best, PhD 1953**

tedbest@shaw.ca

Another year has flown by. Bette and I have not changed except to grow a little shorter and to add a few wrinkles. . . . Bette had her second knee replacement in April. Both operations were very successful. At Thanksgiving in Fernie BC Bette hiked up and down the ski slope about 1000 feet vertically and had no trouble...In June the Elbow River flooded. A branch of the river flowed down the street in front of our house to Roxboro Park three houses from us—renamed Roxboro Lake. In the back the river rose about ten feet and came within twenty feet horizontally of the house. No water entered the house directly, but we had seepage in the basement to about three feet in height. We were directed by the police to evacuate in fifteen minutes at 10:00 PM...We had of course a busy summer—taking things out of the basement, getting rid of things (I decided my 50 year old geology texts were really of no use), drying things out etc. We are currently having the basement refinished. With the flooding and current boom in Alberta it is most difficult to obtain workers, and one must be very nice to them or they will quit. At times Bette said she ached all over from the work except for the knees! I am still involved in the oil business—at least at the margin. I am a director of Shining Bank a royalty trust since its inception over nine years ago and of two junior international exploration companies. Trusts have been a great stock market success. Shining Bank market cap has grown from 50 million dollars to 1.7 billion. The little Canadian company TG World Energy has struggled and barely survived for eight years, but next year the China National Oil Company will likely drill three exploration wells on our acreage in Central Africa after completing an extensive seismic program. (*Editor's note: Please see an accompanying article from Ted Best, on page 13, about the recent reunion of "the Canadian*

*contingent" of students who were in grad school in late '40s and early '50s.*)

**Richard J. Hecht, BA 1954**

I am retired from the Naval Oceanographic Office.

**James A. Hartman, MS 1955, PhD 1957**

I am retired and no longer live in the New Orleans area, after about 45 years, as a consequence of Katrina.

**Perry O. Roehl, PhD 1955**

PORgeo@sbcglobal.net

Jim Parks was a friend and professional associate of long standing, both at Shell Oil Development and at Union Oil Research. I have received and will cherish his (and other collaborators) account of Dr. Laudon, a mentor and colleague we have, and will, all miss. Doc was one of a kind! Being "retired" my attention has turned in recent years to professional society service and to writing some of the things I have put off in the past . . . [I will provide a list of writings] that have occurred since my sabbatical year (1986-7) as ESSO/ U. Sydney Distinguished Lecturer to Australia and New Zealand. I provided 61 presentations to every university and professional society. I later served the Society of Independent Professional Earth Scientists (SIPES) at the national level and was President in 1997. . . . I can send [readers] a reprint or Xerox if they send me an e-mail. [Editor's note: Dr. Roehl also included with his news the article, "Fuels, Fools and Forecasting," published in the South Texas Geological Society, Bulletin, January, 2007. We regret the article is too lengthy to reproduce here but recommend you email him if you'd like a reprint or copy.]

I spend time reading: Carey, S.W., 1988, *Theories of the Earth and Universe—A History of Dogma in the Earth Sciences*, Stanford University Press, Stanford, CA.; Larin, V.N., 1993, *Hydridic Earth: The New Geology of Our Primordially Hydrogen Rich Planet*, Planet Pub. Co., Calgary, Canada; Gottfried, R., 1990, "Origin and Evolution of the Earth: Chemical and Physical Verifications" in Barto-Kyriakidis, A, Ed., *Critical Aspects of the Plate Tectonics Theory, Volume II*, Theophrastus Pub. S.A., p. 115-140, and occasionally consulting. Also, I cannot resist writing a poison pen note or two to publishers and their "Letters to the Editors", and venting oaths to and about amateur political types. The "letters" usually involve the subjects of global warming, fuel prices, ground water, and various ecological outrages. Good luck to all the present-day faculty and student body on campus. It is a great scholastic era in one's personal life! Most of my own classmates have "moved on." However there are a few survivors. I miss my earlier California contacts with Badgers John Harbaugh and Walt Wornardt. A constant companion was Clarence Schiesser (before his demise), a really unique and wonderful guy.

**Mike Woldenberg, BA 1956, MS 1957**

I will retire January 2008.

**DeWitt F. Bowman, BS 1957**

After an intervening five years of Air Force service, I finally received my BS in Geology in 1957, but having a family, wound up working in the local bank. Finally ended my financial career as Chief Investment Officer of the California Public Employees Retirement System, reduced to looking at outcrops on trips to the Sierras and along the coast. Looking forward to reading about Doc Laudon, my advisor and good

friend when we lived close to each other on the north shore of Lake Mendota. Those were the days. Cheers to all.

**Wilfred B. Bryan, MA 1957, PhD 1959**

willfbryan@earthlink.net

I am retired from Woods Hole Oceanographic Institute. I belong to several NY-New England conservation groups—have become especially concerned that geological features get as much conservation attention as the more usual biological ones. We recently donated 113 acres of our Maine property to a local conservation group. It includes our own private esker! Our Maine group also recently preserved one of the best examples of a glacially deposited balanced rock that I have ever seen. I am very active with preservation work in York County, ME—a wonderful array of old volcanic ring structures, glaciofluvial features, moraines, exotic terranes, and a fault to rival the San Andreas.

**Henry C. Fuller, BS 1957**

I am a retired patent attorney living in Rosholt, WI.

**Tom Laudon, MS 1957, PhD 1963**

Tom and Sue celebrated their 50<sup>th</sup> wedding anniversary at their home on Lake Winnebago in Oshkosh. They later spent three weeks in South Africa with brother Bob and his wife. Tom also enjoyed a Montana elk hunt with brother John and son Joe. Tom was very helpful to editors Dott and Holland in the completion of *Bushels of Fossil*, the biography of his father, Lowell Laudon published by the department in October (see p. 30). He provided family photos, letters, a summary of the Tagish Lake, Yukon course, and answered countless questions from the editors.

**Jim Haebig, BS 1958**

jchaebig@rad.net.id

Please see Jim's story, "Fifty Years of Exploration," on page 28.

**Robert S. Dollison, MS 1959**

dollisons@yahoo.com

I wrote an article for the June 2006 Houston Geological Society Bulletin: "Put the 'Easy' Back into Easy Oil."

**Lawrence T. Larson, MS 1959, PhD 1962**

ROCKDOCL@AIM.COM

I retired from the University of Nevada, Mackay School of Mines in 1997. Proprietor: LTL Petrographics—petrographic services for the minerals industry.

**Pierce Parker, MS 1959, PhD 1961**

easipierce@mindspring.com

## 1960s

**Richard G. Baker, BA 1960**

dick-baker@uiowa.edu

I received the Distinguished Career Award for 2005 from the American Quaternary Association last summer at the biennial meeting. I am retired and live in the country with my wife Deb, where I manage 125 acres of woods, wetlands, and reconstructed prairie.

**Jack Howard, BS 1960, MS 1961**

Jack keeps tabs on his co-owned company in Houston, but more and more of his time is divided between the tennis court and golf course. He also volunteers to drill much needed water wells for remote Nicaraguan villages.

**Robert W. Newfield, BS 1960**

PVEBOB@aol.com

I am a retired airline captain. I still enjoy camping out at the Grand Canyon, N & S rims and three raft trips through the gorges, Oak Creek, Yosemite Park, Zion Canyon—all within a day's drive. The best teacher and camping technician in the world was Lowell Laudon—and the tales he could tell.

**Roger J. Bain, BS 1962, MS 1964**

I'm retired but still taking geologic excursions. Enjoying five grandsons and raising horses.

**Roger Kussow, BS 1962**

rkussow@cas.org

Roger sends his greetings from Columbus, OH.

**Peter Goodwin, BS 1963**

petergoodwin@cox.net

Peter sends his greetings from San Juan Capistrano, CA.

**Allan D. Griesemer, MS 1963**

alnan306@verizon.net

I retired from the San Bernardino County Museum in 1997—was director from 1984-1997. Previously I was at the University of Nebraska State Museum (1965-1984) where I received my PhD.

**Fred Schwab, MS 1963**

Retired and living in Lexington, Virginia, Fred writes essays for the *Geotimes* "Geologic Column."

**Richard A. Davis, Post-doc 1964**

rdavis@mail.cas.usf.edu

I fully retired in 2005. I just published a paper in *Marine Geology* on the Baraboo Quartzite; quite a jump from the Quaternary to Precambrian. Just finished a house here in Rockport Texas.

**Jack A. Hallberg, BS 1964**

msg4jh@hotmail.com

After some quiet years, J. Hallberg & Associates is busier than ever with the resources boom currently being experienced in Western Australia. I still do contract petrology and 1:25,000 scale geological mapping for the industry. Mary Jo and I left our five acres of bush three years ago to move to an outer suburb of Perth. We plan to move again in a year's time when we leave for a small house in the centre of Albany on the south coast of Western Australia. Our two boys live in the southern suburbs of Perth.

**Dave Hite, MS 1964, PhD 1968**

Dave continues as a consultant in Alaska. A major report on Alaska's North Slope should appear soon once DOE's bureaucrats finish picking at it.

**L. Cameron Mosher, MS 1964, PhD 1967**

website: www.IWalkedOnFire.com

I am focussing on training and consulting work. Check it out! Visit my website.

**Edwin S. Robinson, PhD 1964**

Emeritus Professor of the Geophysics, Geosciences Department, Virginia Tech, Blacksburg, Va. I retired in 1997 after 30 years on the faculty. I am a Research Associate at the Virginia Museum of ▶▶

Natural History, Martinsville, VA. My wife, Valarie, and I have two children, Lindsay and Evan.

### **Terry Gerlach, BS 1964, MS 1967**

tgerlach@usgs.gov

I am retired from the USGS Cascade Volcano Observatory on Nov. 1. I am continuing to wind up volcanic gas project studies as a Survey emeritus. Aniko and I bought a condo in central Wisconsin and will split our residence between Wisconsin and our home in the Northwest, as long as energy permits.

### **Charles "Chuck" W. Barnes, PhD 1965**

chuck.barnes@nau.edu

Now retired, I spent 35 years at Northern Arizona University in Flagstaff about 80 miles southeast of the Grand Canyon. Most of my research has been in complex monoclin folds and basement faults in and around the Grand Canyon. I've also been involved in work on the geology of Venus, Ganymede, and Mars. I've directed the Honors Program and created an 18-credit interdisciplinary course centered in the Grand Canyon. I have been married to Charlotte for 49 years and counting and we have four terrific daughters who are pursuing their lives in Texas and Arizona. We have been tremendously blest. Wisconsin Geology is the very best!

### **Bob Laudon, BS 1965, MS 1968**

Bob Laudon has stepped down as associate dean of the School of Materials, Energy & Earth Resources (old Missouri School of Mines and Metallurgy) and has now become department chair, a job that turns out to be much more challenging than the associate dean job. Bob says he will do the chair job for three years, and he then plans to retire to his farm. Bob returned again to South Africa to present a two- or three-week long short course. His wife, Linda, together with brother Tom and his wife Sue toured widely while Bob worked. The family is doing well. Please come and see us if you get to middle Missouri.

### **Peter Vogt, MS 1965, PhD 1967**

I got my MA and PhD at UW in the mid to late 60s (even took a course from Bob Dott, and had Charlie Bentley on my PhD committee), and was honored to receive a Distinguished Alumni award there in '03. Chuck DeMets was my most distinguished postdoc in the many years I worked at the Naval Research Laboratory.

I resigned from the Naval Research Laboratory on Halloween 2004, and have since that time affiliated myself with UC Santa Barbara (Professional Researcher), Smithsonian Institution (Research Associate), and Horn Point Environmental Lab (U Maryland) in Cambridge MD. These are all soft-money positions, but I am able to submit proposals, and if miracles occur, will get some funding to keep me going in something more than "hobby science" from my home PC.

My recent and current research interests include 1) the nature and origin of Bermuda and the Bermuda Rise; 2) the nature and origin of the Alpha-Mendeleev Ridge and associated magmatics in the Arctic Ocean; and 3) the Holocene seismic stratigraphy of the sediments below the Chesapeake Bay, including biogenic methane generation.

In early June, 2006, the third edition of *This Dynamic Planet* was printed and the associated website launched. As coauthor of the second and this edition of this global map, I focussed on the Mid-Oceanic Ridge and other ocean basin issues. Chuck DeMets helped us in several ways; we hope the chart and website will be widely used, as the Third Edition was, for "teaching the planet" to students from Middle to Graduate school.

Avocationally, I am working with a professional landscape photographer on a coffee table type book on private and public land preservation techniques and results in Calvert County, Maryland.

P.S. I was a grad when Tor Nilsen was a grad, and am sorry to learn of his valiant but losing battle with cancer.



**The Geophysics and Polar Research Center's crustal seismology group about 1969. Left to right: Leo Ocola, Rodolfo Anzoleaga, Lee Powell, a visiting scientist from Hungary, Mary Schmitz (?), Bob Meyer, Sally Griffiths (Zinke), Lester Kossow, Otto Krause, Brian Lewis, Bill Unger, Joe Gettrust, Tom Meyer, and Kim Kosalos. Missing from the picture are LeRoy Dorman and Joe Laurence. (Courtesy of Bill Unger)**

**Henry W. Schasse, BS 1966**

I have been a Natural Resource Scientist with the Washington DNR-Division of Geology and Earth Resources (State Geological Survey) since 1981. I plan to retire from public service in 2007.

**Ron Blakey, BS 1967**

ronald.blakey@nau.edu

Ron is a professor in the Department of Geology at Northern Arizona University in Flagstaff.

**Roger L. Gilbertson, BS 1967, MS 1969**

gilbertsonrlg@earthlink.net

After nearly eight years of living in Santa Cruz, Bolivia, we returned to the U.S. in June of 2004 (after BHP Billiton Petroleum wisely sold its holdings in Bolivia). I am now an independent exploration geologist in Denver putting together drilling deals in the Rockies area. For the alumni who are my age or slightly older, you may remember my daughter, Dorothy, in the stroller at the morning and afternoon coffee breaks in the basement of Science Hall during the 1968/69 year. Dorothy L. Gilbertson, M.D., is now the chief Pediatric Radiologist at the University Medical Center in Tucson, AZ, after completing a Fellowship at Stanford Medical School.

**Robert Groth, BS 1967**

I am Chief Geologist at G&H Production Company in Denver.

**Larry Asmus, BS 1968**

LarryAsmus@SBCGlobal.net

I am retired! Son Jim married Lisa in May '06, daughter Becky is engaged to be married Oct. '07.

**Alan Niem, MS 1968, PhD 1971**

Alan consulted for a new coal bed methane project in the old Coos Bay coal field in southwestern Oregon. He was also consulted by highway engineers to assess landsliding near his home. Landslides routinely disrupt Oregon highways (and their engineers) during that state's very rainy winter season. Shaly intervals, serpentine, and the many sheared fault zones are notorious culprits, so a geologist has much to offer the frustrated engineers. Alan continues to work on a geologic map of northwestern Oregon. He expects to go on a pending cruise to Sri Lanka and Sumatra to study turbidites generated by the 2004 tsunamis. Alan's wife is Wendy Niem, BS (Geography) 1970.

**Lee Trotta, BA 1969**

I'm the new President Elect of the Wisconsin Ground Water Association. I'm leading projects in aquifer analysis, vulnerability, and sustainability, radium mobility, and water supply for Crispell-Snyder as Senior Hydrologist. Beth and I are traveling to DC in March for the Legislative Fly-In and Great Lakes Day. Our son Kyle is attending college at WCTC in Pewaukee. Our daughter Natalie helps run a real estate office in San Francisco.

**Roger Wolf, MS 1969**

I work with energy saving, environmentally efficient industrial lighting. I enjoy travel, geology, reading, and construction.

**1970s****Patricia Drew Sinclair, MA 1970, PhD 1973**

wdsinclair@sympatico.ca

A change of direction in my career occurred when I returned to school (Ottawa University) to earn my B.Ed., specializing in Primary and Junior (Elementary) Divisions. Several teaching positions included English as a Second Language, Computers, Library, and English to French Immersion. My last eight years have been spent job-sharing a Grade One class, and I have been fortunate to have had exceptional partners to work with in this position. Some of my time has been spent running extra-curricular Science Club, and trying to instill a love of the excitement of science in young minds. I retired June 30, 2006 and am truly enjoying the freedom of my "new" life. Dave (M.S. 1970, Ph.D. 1973) and I have two daughters. Heather, now 27, graduated from Dalhousie University (Halifax, Nova Scotia) in 2003 with a B.Eng. in Industrial Engineering. She worked in Calgary, Alberta for TransCanada Pipelines, and has spent the last two years in Kyushu, the southernmost island of Japan, teaching English as a Second Language. Alison, now 25, graduated from the University of Waterloo (another UW!) in 2005 with a B.Sc. in Molecular Biology and Biotechnology. She continues her studies toward her Master's degree at the University of Guelph (Ontario). Dave and I annually see Roly Ridler and Rod Kirkham at the Prospectors' and Developers' Meeting in Toronto. We enjoy the Christmas news sent to us by several UW contemporaries and continue to follow the Badger football team on TV each year.

**David Sinclair, MS 1970, PhD 1973**

wdsinclair@sympatico.ca

In 2006 I retired from the Geological Survey of Canada after 33 rewarding years studying mineral deposits across Canada and around the world. As a volunteer at the GSC (they let me keep my office), I continue to work on a few ongoing projects with colleagues at the GSC and elsewhere. In retirement I look forward especially to traveling with my wife, Patricia (M.A. '70; Ph.D. '73). I occasionally reflect on the great years I had at Wisconsin (1967-73) and wonder, "Do the grad students still hoist a few at the KK after an evening of fruitful (or fruitless) research?" I hear the "new" geology building is very nice, but I feel a little sympathy for the current batch of students who will probably never experience the clandestine thrill of exiting Science Hall late at night by the spiral fire escape.

**Mark Solien, BS 1970, MS 1976**

I retired in July 2006 after 30 years with ExxonMobil. My career started as a geologist exploring offshore California and concluded as a Vice President of ExxonMobil Exploration Company. Carol and I, together with our two golden retrievers, have moved to Hawaii where we are building a home on the slope of Hualalai on the "Big Island" of Hawaii.

**Bob Hickman, MA 1971, PhD 1974**

Bob still does consulting and his wife Liz works at Rice University as a coordinator in a research arm of Rice's engineering college. They spend free time traveling to see their children.

**Robert H. Blodgett, BS 1972**

rblodget@austincc.edu

Teaching has been fun this past year with a new course on natural hazards and disasters. Ed Keller and I are making good progress ►►

on the second edition of our freshman-level geology textbook, *Natural Hazards; Earth Processes as Hazards, Disasters and Catastrophe*. Pearson Prentice Hall will be publishing the updated book in October. My partner and I had a great trip to the Green Mountains of Vermont last summer and discovered my ancestor's pre-Revolutionary War homestead in Middlebury.

#### **Tom Doe, MS 1973**

Tom is a consulting geological engineer with Golder Associates. After an MS in geology, he earned a PhD in the UW Geological Engineering program, where he received a distinguished alumnus award; he is a member of that department's Board of Visitors. Based in Seattle, Tom travels widely. On-going work is in Sweden, Japan, and Vietnam, and he has consulted in the Arab Emirates and most recently in Bashkortistan, part of the former USSR (near the region where Roderick Murchison named the Permian Period in 1841). Computer programs he has developed for analyzing fractured rocks with reference to groundwater are now in much demand for the analysis of fractured petroleum reservoirs as well.

#### **Craig Eisen, MS 1973, MS 1977**

I'm still Managing Director Mergers & Acquisitions at ARCADIS...a few more years. Paul 20, and Alena 17 are both doing well.

#### **Frederick Rich, BS 1973**

The paleoecology and structural geology of the Southern Atlantic Coastal Plain remain central to my research, but I am increasingly involved with earth science education, K-16. Funding is excellent, and opportunities in this region abound, so there are good times. I miss the Baraboo Hills, and long for a landscape where rocks are commonplace, but I continue to like the Southeast after nearly 20 years here. Sherry and I continue to teach, though 99% of my time is dedicated to a big NSF-MSP grant. The kids are growing (two in college, one in high school) and Andy, our eldest, is now a GIS specialist with Effingham County, Georgia, dealing with Savannah's growth problems.

#### **Chris Rautman, MS 1974, PhD 1976**

Chris is at Sandia National Laboratory in Albuquerque, NM studying the potential of five salt domes for addition to the nation's strategic petroleum reserve. In the summer, he volunteered as a geologist at the Philmont Scout Ranch in northeastern New Mexico, which he attended as a scout "some years ago."

#### **Carol McCartney, MS 1975, PhD 1979**

Board of Visitors' member Carol McCartney has joined the environmental services division at Ayres Associates, Madison. She is also a member of Wisconsin's Groundwater Advisory Committee and the map advisory panel for the Wisconsin Geological and Natural History Survey.

#### **Peter Joslin, BS 1975**

peter.joslin@bhpbilliton.com

I am working on the Mad Dog and Atlantis

oil fields in the lower Miocene trend in the Atwater fold belt. These fields are located in OCS area of Green Canyon in the deep water Gulf of Mexico. The reservoir quality sands are very good, however, these fields are located in very deep water (5,000'+), and the production facilities are subject to extreme surface weather conditions. Hence, the time and money required to produce the reserves, at times, are incredibly challenging. My wife Tami is a petroleum engineer for BP, and we have two girls; Katie is 12 and Annie is 8. In the summer of 2006, I got the family to try a vacation to northern Wisconsin, and it was a great success. We have made plans to return in 2007 and enjoy beautiful Wisconsin.

#### **Robert J. Kozarek, BS 1975**

rkozarek@comcast.net.

Bob sends his greetings from Denver.

#### **Robert Winn, PhD 1975**

Robert Winn is the Director of the Petroleum Geosciences Program of the Abu Dhabi Petroleum Institute. The program has nine faculty members specializing in carbonate geology, reflection seismology, and rock physics. The BS degree emphasizes petroleum geology and geophysics. In 2007 an MS program will be introduced as well as a continuing education program. A strong research effort focuses on needs of the petroleum industry and on local and regional geology.

#### **Timothy Berge, BS 1976**

tberge@hotmail.com.

Tim sends his greetings from Denver.

#### **Donald E. Cameron, BA 1976**

Continuing with Bema Gold Corporation as Chief Geologist Operation. Principal responsibility is assisting with the development of a 3000 ton per day open pit and underground mining complex in Far East Russia.

#### **Robert Cluff, MS 1976**

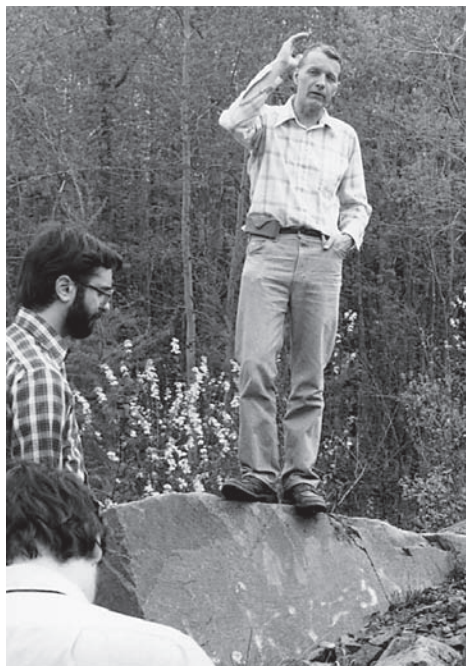
Bob Cluff, together with co-authors Keith Shanley and John Robinson, has received the Wallace E. Pratt Award for the best article in the *AAPG Bulletin* during 2004. Their article was "Factors controlling Prolific Gas Production from Low Permeability Sandstone Reservoirs."

#### **Janet Loveless Lewis, MS 1976**

I am working as a free-lance graphic artist/designer, more for fun than as a means of making a living—do more pro-bono work than for a paycheck! Our oldest son Aaron graduates in May 2007 from Washington University in St. Louis with an architecture degree. Our youngest son graduates from high school in May. Soon we will be empty-nesters. We are planning to celebrate with a trip in '07, also marking our 25th anniversary.

#### **Rick Sarg, PhD 1976**

Rick has moved from ExxonMobil Exploration in Houston to become Geosciences Senior Advisor and Instructor for William M. Cobb and Associates in Dallas.



**Cam Craddock, May 22, 1981, "north of Bergland, Michigan." Cam led a Lake Superior field trip for the International Proterozoic Symposium held in Madison. (Department archives)**

**Eric H. Yerkovich, BS 1976**

eyerkovich@yahoo.com

I am an independent petroleum geologist working in the Gulf Coast, Louisiana and Texas. I have five children and one ex-wife.

**Charles Young, PhD 1977**

ctyoung@mtu.edu

I am now retired from my faculty position at Michigan Technological University and am now Professor Emeritus. I have been doing a little geophysical consulting. My wife Lois is also retired from her instructor position. I am pretty active in art and music. My younger daughter Elaine is finishing her third year at Lawrence University in Appleton and my older daughter Emily is in the Peace Corps in Albania.

**Mateu Esteban, Post-doc 1978-80**

Mateu was the General Chair of the recent AAPG European Region Conference in Mallorca, Spain. As a post-doc, he worked with Lloyd Pray on carbonate rock problems and was a delight to have in our sedimentary group.

**Neil F. Hurley, MS 1978**

September 1, 2006, I retired as Emeritus Professor from the Colorado School of Mines; I have joined Schlumberger-Doll Research in Cambridge MA as a Scientific Advisor on carbonate reservoirs. I am a candidate for President Elect, American Association of Petroleum Geologists (June 1, 2006-May 15, 2007).

**Jim Stark, MS 1978**

Jim manages special studies for the USGS in Minnesota as well as the USGS's National Water Quality Assessment of the Upper Mississippi River. Jim and Carol are empty-nesters. Both keep busy with weekend volunteer activities.

**Heather Macdonald, MS 1979, PhD 1984**

Together with Marjorie Chan, Heather organized an NSF/NAGT-sponsored professional development workshop (Sedimentary Geology in the 21st Century) held in July at the University of Utah. Other Badgers who participated included Tim Carr, Gary Gianniny, Dennis Kerr, Lonnie Leithold, Carol Mankiewicz, Tom Morris, and Rick Sarg.

## 1980s

**Edith Hoffman Konopka, MS 1981, PhD 1999**

While continuing at the NJ office of GIS, this year I am on 50% loaner appointment to the National Geospatial Program Office of the USGS, to assist with outreach for Geospatial One Stop.

**Magell Candelaria, MS 1982**

magell.candelaria@verizon.net (home)

mcandelaria@rangeresources.com (work)

I joined Range Resources Corp. this past July 2006 after several years with a series of oil and gas companies in the Dallas/Ft. Worth area: Cross Timbers Oil Co. in Ft. Worth 1997-2001; Matador Petroleum in Dallas 2001-2003, Tom Brown Inc. who bought out Matador in 2003, EnCana Oil and Gas USA then bought out Tom Brown in 2004. I enjoy being back in downtown Ft. Worth and am currently working with several former co-workers from the Matador association. Range is a



**Three Badger alums, Jeff Thompson (BS '81), Bill Raatz (PhD '96), and Chuck Kaiser (BS '81), on a modern carbonates field course with Occidental Petroleum in the Turks and Caicos Islands, British West Indies, May 2006. (Courtesy of Bill Raatz)**

rapidly growing independent oil and gas company with offices in Ft. Worth, Houston, Oklahoma City and Hartsville, Ohio. We are soon to open an office in Pittsburgh, PA to handle our growing presence and activity in the Appalachian basin.

I work the Barnett Shale play in the Ft. Worth basin and am busy drilling gas wells just south of downtown Ft. Worth and in the adjacent county. This is a prolific shale gas play and the most active onshore play in the domestic US at this time. It involves drilling horizontal wells and much of the drilling occurs amongst urban areas which complicate the lease acquisition and drilling operations of the play. Most of these challenges can be overcome and we are increasing our activity level and success in this active play.

Personally, I just celebrated my 21st wedding anniversary and have two teenage children. Son Ryan, is finishing his tenure at Wentworth Military Academy in Lexington, MO where he is excelling and enjoying the rigors of the military structure. He will be finishing his junior college term this spring and is applying to TCU and Texas A&M among others to finish his college degree in the social sciences. Daughter Erin is in high school and has been on the basketball team these past two years. She has a growing social agenda and will be examining colleges next fall. She says she wants to attend college somewhere back East but I am working on keeping Wisconsin open as an option for her.

I haven't been on campus in recent years but do try to pay a visit when I am in Wisconsin every few years. If any students want to contact someone in regard to potential employment in oil and gas they are welcomed to call me. I will do whatever I can to be of assistance.

I hope all is well in the "Mad City".

**Marjorie Chan, PhD 1982**

Marjorie Chan continues as Chair of the Department of Geology and Geophysics at the University of Utah in Salt Lake City. Her department is looking forward to a new building within the foreseeable future thanks primarily to a generous gift from Marta Weeks, wife of deceased Austin Weeks (son of Lewis Weeks). Marta's geologist father was a U. of Utah alumnus. Marge was co-organizer with Heather Macdonald of a summer workshop about teaching sedimentary geology. ▶▶

**Jean Bodeau, BS, 1983**

bodeau@gci.net

Jean is a senior scientist in the environmental group at Chevron Exploration and Production in Alaska, where she has lived since 1987 (except for a handful of years "Outside"). She worked as a consulting hydrogeologist for many years, moving gradually into permitting for oil and gas projects. She is currently coordinating waste management for Alaska upstream operations, with an emphasis on underground injection disposal. She and her husband Chris travelled to Vietnam this winter where they were impressed by the stunning karst formations, climbed the highest mountain in Vietnam, and ate endless bowls of noodles. They are both avid cross-country skiers and are enjoying Alaska's epic snowfall this winter.

**Richard Manser, MS 1983**

richardmanser@mac.com

My wife Sarah and I continue to enjoy a nice balance of work and play in the Bay Area. Please contact us for a visit if you are in the area.

**Keith Winfree, MS 1983**

keith.e.winfree@conocophillips.com

Keith became a ConocoPhillips employee as a result of the Burlington Resources acquisition but continues to work in Midland, Texas.

**Kathy Erdmann, BS 1984**

kermann@atcllc.com

Opportunity presented itself—I left the WDNR after 18 years for a new career in the electric utility industry. I'm married to Rick Stoll (BS 1983)—with one daughter Danielle (student at MI Tech) and son Robert (high school).

**Matthew Hood, BS 1984**

I have recently retired from Environmental & Foundation Drilling, Inc., after nearly 20 years of ownership.

**Jay C. Nania, BS 1984, MS 1987**

naniajc@bp.com

I have now completed my 20<sup>th</sup> year at BP, and continue to serve as the Subsurface Resource Manager for BP's Deepwater Central Gulf of Mexico Pompano Hub. I am grateful for a less dramatic hurricane season in 2006! I also continue to serve as BP's Lead Geoscience Recruiter at the UW, and a Senior Advisor to the Board of Visitors, truly enjoying my return visits to campus, and the opportunity to facilitate a deepening of the relationship between my company and the UW. One particular return to Madison was to honor the life of my advisor, teacher, and friend, the late Cam Craddock. I spoke at the memorial service on behalf of all of his former students, and I did my best to thank him, and his family for all that CC gave to us. Like many of you, I will truly miss him. My wife Silvia and I continue to spend most of our "free time" enjoying our three kids. Christina age 11 continues to excel in school and competed in her first national fencing tournament. Jason age 9 was a 2006 Little League All-Star, and Julia age 7 is also smarter than her dad and for the second straight year was the leading goal scorer on her soccer team. And yes, all three continue to love rocks...



**Chunmiao Zheng (PhD 1988) and Mary Anderson in the Forbidden City, Beijing, China, July 2006.** (Courtesy of Mary Anderson)

**Rudi de Zoeten, BS 1985**

Rudi has joined Kosmos Energy in Dallas as senior geologist. He was formerly with Unocal/Chevron based in Sugarland, TX and working on that company's holdings in Thailand.

**David Fastovsky, PhD 1986**

On the faculty of the University of Rhode Island, David continues his interest in the sedimentology of vertebrate fossil-bearing strata—especially dinosaurs. He spent a sabbatical year in Mexico collaborating with a National University colleague. A flattering profile of David appeared in *Geotime* in October describing his childhood infatuation with Roy Chapman Andrews's writings of dinosaur hunting in the Gobi Desert during the 1920s. David attributes the origin of his own interest in fossil vertebrates to Andrews, who is said to have inspired the fictional character, Indiana Jones. Fastovsky was invited by alumnus Dennis Kerr (PhD 1989) to the University of Tulsa to give a public lecture during Earth Sciences Week.

**Nick Zentner, BS 1986**

nick@Geology.cwu.EDU

I've been teaching in the Geology Department at Central Washington University since 1992. It's a good place. I teach a variety of introductory courses and an annual two-week field course in Owens Valley, California for new geology majors. We have a healthy undergraduate geology program and try to use teaching field sites in Washington as much as we can. My wife Liz teaches science at the local middle school and we have three teenage boys. My parents are still in the old house in Fort Atkinson, WI. I have fond memories of my days in Madison and at field camp in Park City. Please drop in for a visit if you're passing through central Washington...

**Richard Alley, PhD 1987**

ralley@essc.psu.edu

Richard received the first-ever Louis Agassiz Medal awarded by the European Geosciences Union for his "outstanding and sustained contribution to glaciology" in April 2006. In August he was awarded the Seligman Crystal by the International Glaciological Society. The Seligman Crystal is "awarded from time to time to one who has made an outstanding contribution to glaciology." Family: Janet, 20, is a



sophomore at Penn State, majoring in elementary education. Karen, 17, is a junior in high school hoping to find a school where she can major in oceanography and climate change, minor in hammered dulcimer, and sail on a nationally competitive sailing team. Wife Cindy is kept busy just trying to keep track of the other three.

**Holly Corner, BS 1987**

corbank13@aol.com

I've been happily working on my own as an environmental consultant since 2000. I married fellow geologist Mark Burbank in 1993, and we have two kids: Sophie, b. 2000, and Jack, b. 2003. We've traveled in Eastern and Western Europe, Canada, Mexico, and (most recently) Columbia and Brazil.

**David A. Gardner, MS 1988**

GardneDA@bp.com

I am Project Manager, Mergers and Acquisitions, BP America Inc. I received my MS under Cam Craddock's tutelage. I was very saddened to hear of Professor Craddock's passing.

**Kent Syverson, MS 1988, PhD 1992**

syverskm@uwec.edu

Kent is a professor at University of Wisconsin at Eau Claire. He has been conducting glacial geologic research in western Wisconsin and Maine during his 14 years at UWEC, and each semester he encourages students to boycott Fred Meyer Corp. as the result of his experiences in Alaska...! He also has become active in First Amendment issues in the modern university. Kent and his wife have three children.

**Chunmiao Zheng, PhD 1988**

Currently a professor of hydrogeology at the University of Alabama, Chunmiao was recently named to direct the Center for Water Research at Peking University, China. He will retain his position at the University of Alabama while also holding a professorship at Peking University.

**Dennis Kerr, PhD 1989**

Faculty at Tulsa University, Dennis has had 26 graduate students complete theses in his 15 years of teaching. He continues his own research on the Tensleep Sandstone in Wyoming using GPS instrumentation to create a three-dimensional reconstruction of eolian architecture and has embarked upon an investigation of deepwater sandstones in the Ouachita trough. He participated in the summer workshop in Utah on teaching sedimentary geology organized by Heather Macdonald and he hosted David Fastovsky for an Earth Science Week lecture at TU.

**1990s**

**Lisa Bona, MS 1990**

I have been with GeoEngineers, a consulting geosciences company, for almost 16 years, and currently manage the Earth Sciences and Engineering Group in our main office. I traveled to Pune, India in February 2006 to bring home my daughter, Shruti, now a beautiful and bright 2 year-old. It's been an exciting year!

**Matt Swanson, MS 1991**

matt.swanson@bigfoot.com

As of January 2006 I quit my job as a groundwater specialist for the Ramsey Conservation District. I did this in order to volunteer for some full-time orders to do intelligence work (imagery analysis) through the Army Reserve. I did this duty here in the Twin cities. In late August I was notified I will be activated in January 2007 for duty in Iraq. I will be there until 2008. The Iraq deployment has kind of blurred all else. Laura and I went to Switzerland, Austria, and Germany for two and a half weeks in late September.

**Ross Vandrey, MS 1991**

The Vandreys are still living in Norway, where Ross is "Project Leader on a well that is Shell's number two prospect globally." Otherwise, he keeps busy helping with the children's sports and taking the family on vacation trips to such places as the Bahamas.

**Matthew Pleshek, BS GLE & Geology 1994**

I'm employed at Nordin-Pedersen Associates in Shawano, WI, as a project engineer on civil engineering projects. I obtained a professional engineering license in 1999. I'm married to Beverly and we have two daughters, Ava, 3 and Lila, 1.

**Patrick M. Colgan, PhD 1996**

colganp@gvsu.edu

I was promoted to Associate Professor with tenure (at Grand Valley State University) last year. Still working on glacial mapping and dating projects. Kelly and I hope that this year will be a good one for everyone!

**Jacob Brown, BS 1996**

jakebrown@houston.rr.com

I was recently promoted from Senior Geophysicist to Project Manager (at WesternGeco, Houston) for all new seismic acquisition in North America. This year we added a member to our family. Our daughter was born January 12th, 2006. Her name is Sylvie Isabella Brown. My wife, Trish, has been continuing with her master's in hospital administration. I was saddened to hear that Cam Craddock passed. He was a dear friend and mentor. I will truly miss him. ▶▶



**Jeff Pietras, Ron Schott, and Eric Carson are enjoying the GeoClub Holiday Party, December 1997. (Department archives)**

**Michael Mengelt, Geology/GLE 1997**

michael.mengelt@ramboll.fi

I'm now working as an engineering geologist/geotechnical engineer for energy sector projects in Finland and worldwide. Work includes exploration and engineering for construction support in pipelines, offshore exploration, and power plants (oil, gas, nuclear). The primary focus is on soil/soil mechanics/geology of near surface, with secondary work in rock/rock mechanics as needed.

**Stacy Saari, BS 1997**

I am working for a consultant out of Elko, NV doing gold exploration mainly for Canadian juniors. I'm expecting a baby girl in May 2007.

**Vanessa Vail, BS Geology & GLE 1997**

I started work with the Illinois Attorney General's Office in Chicago in December 2005 as Assistant Attorney General in the Environmental Bureau and I love it.

**2000s****Jeff Kuglitsch, PhD 2000**

jkuglitsch@ncwc.edu

I began teaching geology at North Carolina Wesleyan College in August 2006. I moved to Rocky Mount, N.C. after five decades in Wisconsin.

**Maitri Venkat-Ramani, MS 2000**

Board of Visitors' member Maitri Venkat-Ramani married Derick Erwin on January 2, 2007 in Pennsylvania. Maitri is a geophysicist with Shell Exploration and Production Co. in New Orleans. Derick is a native of Wisconsin and is a computer systems administrator in New Orleans.

**Derek Baker, BS GLE & Geology 2001**

dbaker@inberg-miller.com

I passed the P.E. exam in October 2006.

**Steve Byer, MS 2003**

byer@geoladm.geol.queensu.ca

I am pursuing a PhD at Queen's University in Kingston, ON. My research focuses on unconformity-related uranium exploration in paleoproterozoic sedimentary basins. The sedimentary basins in question are located in Central Quebec, Nunaut (west of Baker Lake), and Northwest Territories (Great Bear Lake area). My wife (Wanda Byer) is pursuing a Master's of Education degree at Queen's University in the area of cognitive studies.

**Jill Baumtrog, BS 2004**

jillbaumtrog@gmail.com

I completed a Masters of Secondary Education at the University of Minnesota-Twin Cities and am in my second year teaching 8th grade earth science.

**Cheryl Waters-Tormey, PhD 2004**

I am an assistant professor at Western Carolina University (spouse Blair Tormey is an instructor here too). Personal news: Baby boy due in June!

**Sabrina Bradshaw, BS 2005**

This fall (2006) I entered graduate school for a Masters of Science degree in Geological Engineering at UW-Madison. ●

**Fifty Years of Exploration****Jim Haebig, BS 1958**

jhaebig@rad.net.id

February 2007 will mark the 50th year of my graduating from U.W. and the start of a great career. From the very beginning, however, its been nip and tuck as to whether or not I'd survive in this field and its never seemed to get any easier over the years, no matter how much experience I acquired, because of the cyclic nature of the beast and because early on I had decided to work "foreign" exclusively and have been fortunate enough to have survived this self imposed limitation. This is not a "how to" manual, it is a travelogue with places I've been, things I've seen, and would happily return to see again given the opportunity.

Upon graduation (in midwinter) Sherm Berg (also a '57 geology grad) and I drove to Alaska and slept out every single night. I had an Eddie Bauer bag which was rated at -70 degrees. That didn't mean you'd sleep at that temperature, it meant you wouldn't freeze to death. Eventually I landed a job as roughneck/wellsitter (bag the samples). Even voted against statehood that summer—always in the minority. Alaska is no place for a starving geologist so picked up a year of grad school (U. Oregon, Walter Youngquist then, and still, presiding).

Pick up the story in Jan. 1960 in the Libyan Sahara where you could freeze to death in winter and die of heat in the summer. But as beautiful as it is dangerous. Working for a seismic contractor in the field and moving up the ladder from Jr. seismologist, to seismologist (computer), to trainee (seismic data) interpreter. The two noteworthy scientific advancements were invention of digital recording and multifold subsurface coverage. Rest leaves were pulled in Malta which is a fantastic fortress built by the Knights Templar in the 1400's and as gateway to the Mediterranean/Africa withstanding sieges from both directions right into the 1940's. Put Malta on your visit list. Arab food in Libya was just great but Maltese cuisine with its strongly British influence is truthfully awful.

Transferred to South America in 1967 and just happened to be on the last flight out of Tripoli as the Arab-Israeli War broke out. Spent five years in Brazil/Bolivia/Argentina. Difficult field conditions and often times extremely dangerous. A crocodile invaded a sleeping camp at 2 AM in Bolivia and created hysteria—me included. Pirogues overturning in piranha-loaded rivers. Sightseeing was a minor event where I was located in Brazil and the Alto Plano in Bolivia has to be experienced rather than viewed. The Brazilian people are a happy-go-lucky troop, while dour Bolivians lost their Pacific coastal ports in a war against Chile and with it their self confidence and sense of humor in one fell swoop. Argentineans as a people are more European than New World and shouldn't even be classified as or compared with South Americans. Food in all those countries was great. The most memorable meal was eating wild javalina suckling pig right out on the seismic line and never missing a shot. During this tour I rose to senior seismologist, interpreter, and eventually party chief.

The next challenge involved taking the first small computer system and playback operation into the market place (Jackson, Miss. of all places) to compete against the larger systems (IBM, Univax,

Cray, etc.). We received and survived our baptism of competitive fire and I took my well scarred body to Madagascar as supervisor of two seismic crews and Phoenix System #2 in late 1970. Madagascar is a weird and wonderful place noted for lemurs, bees which live underground in karst cavities, huge semi-petrified eggs which were still being found from the last flightless (due to their weight of one ton) dinosaur birds, and the baobob tree (see the photo below of world record tree girth).

I returned to Libya in 1974 as Chief Geophysicist on a five-year stint in Benghazi with AGECO, a national company formed to explore and produce the properties previously held by the nationalized BP and N.B. Hunt interests. Daily production averaged above 225,000 bbl/day. For the first time in my experience there was sufficient budget to conduct a proper exploration program, and I was able to take advantage of the fact to shoot over 4000 km of line. We processed the data in-house which was also a feather in our hats. Benghazi is adjacent to the Cyrenaica Plateau which is the site of one of Ptolmey's original cities built as an astronomical site to observe star movements. It later became a Roman city of note as did the entire Plateau as Roman artifacts are everywhere and accessible without any entry or usage restrictions. There are charges and restrictions associated with the Roman cities of Sabratha and Leptis Magna near Tripoli whereas a person can wander around on the Gebel Akdar and discover it piece by piece. Just south of the Gebel (plateau), in the desert, ancient Roman grain silos can be seen about 15 km deeper in the desert but the area is heavily mined from WW 2 and I was unable to get out to them. Gebel Akdar was the granary of Rome, and heavily fortified and protected. If you get the opportunity visit and walk the Gebel, and scour the beaches just east of Ras El Hilal for conglomerate rocks which are conversation pieces.

I spent all of 1980 in Japan as a consultant to Japex which at the time was doing cutting edge research into subduction zone tectonics. Take a walk to the top of Mt. Fuji but dress warmly and have rain gear



**World record tree girth: A baobob tree. In 1972 it was measured at 25.3 m (84.0093 ft) with a calculated diameter of over 8 m (26.4 ft).**  
(Courtesy of Jim Haebig)

along. 1984 found me consulting in Western Australia where a number of unique geologic structures and phenomenon are separated by mind numbing distances of absolute nothingness. The fragility of the ground surface has stuck in my mind all these years as has the devastation of huge areas by invasion of near surface salt brines when logging and plowing practices proceeded to stampede over long term common sensibilities disrupting a delicate balance of nature. The people of Australia and the food are as forgettable as the morphology is memorable.

The past 21 years have been spent here in Indonesia which is a multi cultural nation occupying an archipelago of 17,700+ islands. It has the largest Moslem population of any country in the world but most places are usually quite tolerant. Situated on the world's most complex set of tectonic plates and subduction zones exposes it to any number of natural disasters, many of which have occurred since late 2004 in a continuing cycle of catastrophes. I find this is a great place to end my career by going into semi retirement. Food is very good and inexpensive, and the cost of living is not excessive. Corruption, pollution, and traffic snarls, while unpleasant and time consuming is a fact of life which can usually be dealt with by hired help or stoically endured. In this heat and humidity it doesn't pay to become upset over minor items. I've been fascinated with Indonesia since an Economic Geography course at U.W. Stevens Point in 1953 and determined to see it firsthand one day. I've not regretted it and am happy that it is the last stop of my career and not the first. The geology while complicated has a surprising continuity from island to island if one excludes Papua New Guinea which seems to have had a completely different genesis with rocks more closely associated with the Australian continent. The people of Papua, also, are more closely associated with Australian Bushmen than the Sunda Island Polynesian race giving the impression that a big conveyor belt was operable in the not too distant past. For a person who specializes in thrust faulting and transform/strike slip movement all Indonesia is like a text book still being written. My introduction (in ARCO's office) to big time structure was absolutely mind boggling. The statement that the island of Madurawas is a positive flower structure was made and went uncontested. I was on the learning curve. It's been a challenge every day I've been here and I wouldn't have it any other way. I finally had my own flower structure (the island of Yapen) on our PSC in Indonesian Papua which was an offshore Block. We deliberately steered clear of onshore property involvement due to exploration expense and other considerations (It is still on the wild side out there. Be careful and don't push your luck.) NE Kalimantan (Indonesian Borneo) has spectacular limestone karst regions and rivers which have sheer walls nearly 1000 m tall. If you're at all claustrophobic give the Kayan River a miss, but in so doing you'll also miss out on a photo op meeting the older Dayak women who weight their earlobes with copper nuggets. Twenty five years ago the Dayaks and the government came to a compromise in which the shrinking of heads was abolished. And thus far the treaty has held.

Its been a great ride and I've been very fortunate. ●