



## Missouri S&T Magazine, December 1988

Miner Alumni Association

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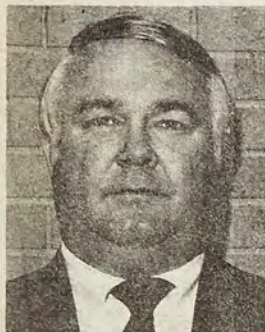
**m s m** *Alumnus*



**Homecoming Issue**

*University Of Missouri-Rolla*

*December 1988*



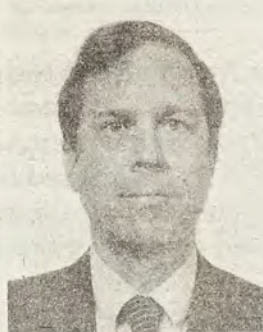
Bob Bruce, '69



Dennis Jaggi, '70



Dale McHenry, '81



Dave Peacock, '64



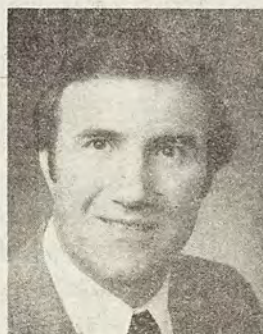
Bob Saxer, '61



Bob Sfreddo, '58



Jim Van Buren, '63



Roy Wilkens, '66

**Directors Elected 1988-1991**  
(Photo of Director Royal Webster, '55, unavailable)

**MSM-UMR**

**Minutes of the Annual Meeting, Saturday, Oct. 8, 1988**

Alumni President Art Baebler, '55, opened the fall meeting of the MSM-UMR Alumni Association on Saturday, Oct. 8, in the Mark Twain Room of the University Center-East with a few introductory remarks addressed to the 37 board members, four alumni section leaders, the president of the Student Council and five staff members in attendance.

Armin Tucker, '40, chairman of the Nominating Committee reported the results of the 1988 election-by-mail of the new directors and officers of the board. Directors reelected for three-year terms this fall were: Director-at-large Dale McHenry, '81, area directors Roy Wilkens, '66 (zip codes 73-75), and David Peacock, '64, '66, '70 (zip codes 93-99). New directors elected this fall for three-year-terms were: Director-at-large Bob Bruce, '69, '70, and area directors Royal Webster Jr., '55 (area codes 27-36); Bob Saxer, '61, '62 (area codes 53-61); Jim Van Buren, '63, '70 (area codes 63-65); Bob Sfreddo, '58 (area codes 63-65); and Dennis Jaggi, '70 (area codes 76-77).

New officers, to serve 1988-89 and 1989-90, are: John Toomey, '49, '51, '77 and '85, president; Bob Patterson, '54, '68 president-elect; Pat Broaddus, '55, vice president; Al Buescher, '64, '83, vice president; Gerry Stevenson, '59, '63, '81, vice president; Ernie Weinel, '44, '48, vice president; Bob Wolf, '51, '52, vice president; Matt Coco, '66, '84, secretary; and Jack Painter, '50, treasurer.

Following this report, retiring president Baebler introduced John Toomey and turned the meeting over to him as the new president.

President Toomey recognized the services of retiring board members Harold Butzer, '47; Eugene Daily, '36; B. Neil Lewis, '58; and John Olson, '42, and thanked them for their support and cooperation. He then introduced the new members of the board present for their first meeting - Bob Bruce, Dennis Jaggi, Robert Saxer, Bob Sfreddo, Jim VanBuren and Royal Webster.

Minutes of the last board meeting, on April 23, 1988, were approved as mailed to the board, there being no changes or corrections.

President Toomey then announced the appointment of committee chairmen. These are: Alumni Awards - Ron Tappmeyer, '47; Annual Fund - Jim Chaney, '48; Athletic Study - Jerry Berry, '49 and Joel Loveridge, '39; Constitution and By-Laws - Paula Hudson Rees, '73; Faculty and Program Planning - Robert Berry, '72; Finance - Bill Collins, '50; Jackling Fund - Thor Gjelsteen, '53 and J. Richard Hunt, '50; Joint Council - Robert Bay, '49; Legislative - Al Buescher, '64; Nominations - Armin Tucker, '40; Planning - Art Baebler, '55; Sections - Curt Killinger, '73; Student Financial Aids - Dale McHenry, '81; and Student Recruitment - Lu Bolon, '59.

The Finance and Budget Committee report was presented by Bill Collins. For the second year in a row, the report reflected a decrease in total assets. Due to the transfer of the Alumni-Music-Auditorium property to the university and the decline of stock income, the total assets of the association (trust accounts and members equity) are now \$665,282 as opposed to more than \$700,000 last year. After discussion of the financial statement and report, the motion was made and

**On The Cover**

Chancellor Martin C. Jischke, left, tosses the torch which will light the Homecoming bonfire Friday night. The bonfire and pep rally are preceded by the Homecoming parade from T.J. Hall, through campus to the intramural field. (Most of the Homecoming floats wind up in the bonfire.)

**MSM ALUMNUS**  
(USPS - 323-500)

Issued bi-monthly in the interest of the graduates and former students of the Missouri School of Mines and Metallurgy and the University of Missouri-Rolla. Entered as second class matter October 27, 1926, at Post Office at Rolla, Missouri 65401-0249, under the Act of March 3, 1897.

passed that "The Budget Committee be directed to look at next year's budget with an effort made to work toward a balanced budget." It was also noted that the Lawrence Wayne Bell Scholarship has been established to be administered by the Alumni board.

Art Baebler gave the Alumni Alliance Report. The Alliance is made up of representative alumni from all four UM campuses. Its purpose is to inform public officials of the needs of the University of Missouri.

Jim Chaney presented the Annual Fund report. As of Oct. 1, 1988, the association had received \$5,500 more in funds than at the same time last year. Although the average per gift (\$63.22) was higher than last year (\$56.32), there had been 165 fewer gifts to the Alumni Annual Fund. It was announced that the enhanced Century Club (silver, gold and platinum categories) would be put into effect on Jan. 1, 1989.

Co-chairman Jerry Berry brought the board up-to-date on matters in the athletic department. An Athletic Hall-of-Fame was started at UMR in 1987 (see page 21 for members inducted in 1988). There are now 10 intercollegiate teams for men and five intercollegiate teams for women at UMR and an active intramural program. He also reported that the MIAA Conference allows each school to provide 99 scholarships but that UMR is only able to fund a portion of that number.

Ron Tappmeyer reported for the Awards Committee that all nominated recipients from last spring's meeting are receiving awards this fall (see pages 13 and 14).

Mary Klorer presented the Faculty and Program Planning Committee report in the absence of chairman Bob Berry. She announced the outstanding adviser award winners (see page 12) and it was moved and passed to move the responsibility for these awards to the Awards committee. Alumni Speakers Bureau continues to provide alumni for lectures and programs on campus, and Mary asked that additional alumni volunteer their services as speakers.

A motion was made that there be two students (preferably juniors) appointed to the Alumni Board - - with voting status. After discussion, the motion was tabled for further research. (Kevin Edwards, president of the UMR Student Council, participated in the discussion.) It also was moved that an alumni representative be appointed to the Student Homecoming Committee. This motion was passed upon acceptance by the students. Motions were made also to set up three new committees - - Sections/Chapters, Reunions, and Communications. Motions on all three committees passed.

Dale McHenry presented the Financial Aid Committee report. A motion was made and passed that the same number of scholarships (179) and educational assistantships (6100 hours) as were offered in 1988-89 be offered again in 1989-90.

Board members were referred to reports by Jackling Fund Program Director Ron Kohser and University Accountant Donna Johanning as to the continued success of the program.

The Long Range Planning Committee report was presented by Art Baebler. This committee focuses on the needs of the association and the university and will continue its deliberation on these matters.

A report on Sections as presented by Mel Nickel, '38, announced that the continued development of the section programming has increased. There are 17 sections that have been in existence a number of years, four recently chartered sections and three sections were accepted during the meeting (Chicago Area Section - - represented by Ken Woodruff, '58; Georgia Area Section - - represented by board members Dale McHenry and Pat Broaddus; and McDonnell Douglas Section - represented by Mike Ferreti, '67, and Joe Gabris, '80), Jim Foil, '74, current president-elect of the newly reactivated Kansas City Section contributed to the committee discussion. New sections in Nevada and New Mexico are in the preliminary stages.

The Student Recruitment Committee report was presented by Lu Bolon. The Admissions Ambassadors Program is an important function of this program and participation by alumni was heartily endorsed.

A motion was made and, after discussion, was passed that the Memorandum of Understanding (formal agreement between the association and the UM Board of Curators) be signed.

Chancellor Martin C. Jischke was invited to address the board and he touched upon the following subjects: Fall enrollment (4,914 - 167 less than 1987); Quality freshmen (186 in Bright Flight Program; Salaries (UM is 20 percent below Big 10 and Big 8); Competition for superior faculty is great (UMR has 19 new faculty); State funding is the most serious issue facing the campus; and the new Alumni-Music-Auditorium Building (\$10 million cost - \$6.4 million from state, \$3.4 million from private funds- we have all but \$1.3 million).

A motion was passed thanking Art Baebler for the fine job he did as president of the association for the past two years.

REMINDER: The spring board meeting is scheduled for Saturday, April 22, 1989, and Homecoming 1989 is Oct. 6-7. The meeting was adjourned.

1988-1990  
Officers



John Toomey, '49



Bob Patterson, '54



Pat Broaddus, '54



Al Buescher, '64



Gerry Stevenson, '59



Ernie Weinel, '44



Bob Wolf, '51



Mat Coco, '66



Jack Painter, '50



Association immediate past president Art Baebler, '55, addresses the crowd at groundbreaking ceremonies for Alumni-Music-Auditorium Building.



UM Curators' president, Jeanne Epple and new benefactor Don Castleman.



UM president C. Peter McGrath and UMR chancellor, Martin C. Jischke.

## Homecoming 1988

Last year's Homecoming was special because of the inaugural ceremonies for the new Minerals Engineering Building -- V.H. McNutt Hall. This year's Homecoming was special due to the groundbreaking ceremonies for the new Alumni-Music-Auditorium Building to be erected just south of the present campus (across from Schrenk Hall and the Chancellor's Residence). The event was held Saturday morning, Oct. 8.

During the ceremonies, Chancellor Martin C. Jischke announced a gift to UMR of \$1.5 million (\$500,000 to be used for the building) made by Rolla banker, Don Castleman, a long-time friend of the campus. Immediate past president Art Baebler, '55, represented the Alumni Association on this auspicious occasion.

In addition to the groundbreaking, the regularly scheduled Homecoming events were well attended. More and more alumni are participating in the free seminars held Friday afternoon and Saturday morning (see listing in August "Alumnus").

A large crowd attended the Silver and Gold party on Friday evening (see photos on pages 4,5 and 6) and many joined the students later in the evening for the Homecoming parade to the Intramural Field and subsequent bonfire and pep rally.

The Chancellor's breakfast for alumni on Saturday morning was a popular event and so was the Fieldhouse Feed luncheon which followed the groundbreaking ceremony. (Photos of honor classes -- taken at the luncheon -- begin on page 7).

The football Miners added to the general festivities of the weekend by winning the game with Southwest Baptist 31-20. The game was the MIAA Conference opener. During halftime ceremonies, Jenni Paterson, a sophomore in electrical engineering, was crowned Homecoming Queen. Jenni, one of 29 queen candidates, is a member of Zeta Tau Alpha sorority, Air

Force ROTC and is captain of the UMR Cheerleading Squad.

Final event of the weekend was the Alumni Awards Banquet (see pages 13 and 14).

Some alumni arrived early for Homecoming and participated in academic activities prior to the celebration. John Toomey, '49, who took over as president of the association this fall, spoke to more than 150 students at a monthly meeting of the American Society of Engineering Management/Institute of Industrial Engineers (ASEM/IIIE) on Thursday, Oct. 6. John is president of the VSE Corp. and he discussed topics ranging from evaluation of defense contracts to the current Washington scene.

James McGrath, '49, president of McGrath & Associates, St. Louis construction firm, and a past president of the alumni association, had spoken to the same group a month earlier, on Sept. 8. He discussed "All Work and No Play."

Robert G. Fuller, '57, professor of physics at the University of Nebraska-Lincoln and an Alumni Award recipient, presented a physics seminar on "Hypermedia and the Future of Physics Education." He showed his recent physics educational software including computer interfaced videodisks. He also met with members of the Society of Physics Students and talked to them on "Physics: A Career for Many Seasons."

Another Homecoming event was the dedication of the William H. Webb Reading Room in Schrenk Hall on Friday afternoon. The reading room, containing journals and abstracts donated by Dr. Webb, professor emeritus of chemistry and long-time chairman of the chemistry department, will serve as a study and reading room for chemistry undergraduates, graduate students and faculty. The room also contains material donated by other alumni and friends, and a computer which can access the UMR library catalog information system.



Pat and Ted Wolfarth, Bernard Cohen



Glenn and Ruth Hackman, John and Eilyeen Livingston, Leona Roberts



Don Warner, Gerry and Donna Beisett



Robert Klorer, Lorraine Spackler.



John and Carol Leahy, Coleen and Michael Delany



Charles Hunze, Norma Dumm, Gertrude and Elmer Pozner



Dave Schmitt, Kim Hofstetter, Denise and Floyd Harris, Curt Killinger



Earl Bage (left), Homer and Agatha Thompson (right)



Judith and Roy Werner



Gerald Roberts, Laura Schwickhardt (student)



Robert Vienhage, Bruce and Anita Trantola, Jean Vienhage



Dorothy Schilling, Mildred and Vernon Gevecker



Ed Bumps, Gretta Herrick, Edward Gyax



Allen Johner, Martin and Patty Jischke

## Silver and Gold Party

Alumni are invited to order prints of any of the photographs. Cost is \$3 each for 8X10 prints or \$2.50 each for 5x7 prints. To order: be sure to include page number and

as full a description of the photo as possible and its placement on the page. Orders will be collected until Jan. 31 and prints should be returned to you during February.



Listed in alphabetical order -- Jim Bottom, Ed Bumps, Jack Burst, Donald Frommer, Bob McGrath, Bob Murphy, Charles Rakestraw, John Schilling, Roy Werner, Don West, John Wright



Bunny Hermann, Marie and John Klorer, Kitty Strubert, Mary Klorer



Back - Virginia and William McConnell, Front - Jim Miller, Jean Henderson, Warren Loveridge



Joseph Fitzpatrick, Glenn Staley



Sybil Lange, Pete Mattei



Debbie and Ferrill Ford, Henry and Bonnie Wiebe



Edna and Don Belcher, Mabel and Don Spencer, Vivian and LeRoy Justice, Rose and Gene Lang



Harold Moe, Harvey Leaver, Don Matthews



Dominic Greco, Patricia Pruett, Louis and Jackie Greco, Hans and Jimmie Schmoltd



Craig Ellis, Joe Murphy



Max Marlow, Gill Montgomery



Elmer and Gloria Belew, Harvey Leaver



Dottie and Bob Eck, Nancy and Frank Mackaman



Lou and Jim Paul, Lois and Ed Bumps, Helen Bottom



Michael Delaney, Kitty Strubert, Jim Hoelscher



Gene Clodfelter, Rollie Johnson, Allen Johner



Judy Allen, Brian Kavanaugh, Bob Kortis, Steve Allen, Thomas Zuiss



Terry and Jim McGrath, Carol and Jack Leahy, Ann Allen Kennedy, Louis Greco



John Bartel, Jim and Edna Scott



Carl and Jean Zerweck, Harvey and Blondie Leaver



Guy and Lucille Brown, Tom and Agnes Finley



Harvey Leaver, Kent and Winona Roberts



Janet and Hugh Barclay, Doris and Methyl Bishop, Frank Appleyard, Maxine Sheppard



Stanley and Julia Bye, Richard Enochs



Robert Spratt, Bob Minton, Jack Hayden



# Honor Classes



**1938 And Before -- Left to Right - First Row: Lester Poese, '34; Elmer Sperling, '31; Virginia Sperling; Leona Roberts; Gerald Roberts, '28; Charles Hunze, '33; Edna Hunze; Lee Dumm, '33; Norma Dumm. Second Row: Don Dutton, '35; Ruth Dutton; M.A. Gibson, '38; Maxine Gibson; Peter Mattei, '37; Avis Ford; William Ford, '38; Methyl Bishop; Dorse Bishop, '37; Ruth Hackman; Glen Hackman, '37; Gertrude Roemer. Third Row: Frank Appleyard, '37, V.A.C. Gevecker, '31; Mildred Gevecker; Myrene LeGrand; Jesse LeGrand, '38; Bob Cunningham, '34; Charlotte Cunningham; Martha Clayton; Bud Clayton, '38; Clarellen Howerton; Joe Howerton, '38; Homer Thompson, '32; Auttie Thompson; Elmer Roemer, '33. Fourth Row: Hugh Barclay, '37; Janet Barclay; Maxine Sheppard; John Sheppard, '37; Jim Miller, '38; Jean Hendrickson; Ruby McCurdy; Belding McCurdy, '38; Joe Murphy, '38; Duane (Friday) Freidank, '38; Sue Freidank; Vernon Asher, '33; Mary Asher. Fifth Row: Gill Montgomery, '34; Elmer Nickel, '35; Mary Lou Nickel; Mel Nickel, '38; Helen Pfeifer; Herman Pfeifer, '36; Audrey Rayburn, G.R. Throgmorton, '31; Craig Ellis, '38.**



**Class of 1938 -- Left to Right - First Row: Vernon A.C. and Mildred Gevecker, William and Avis Ford, Clarellen and Joe Howerton. Second Row: M.A. and Maxine Gibson, Myrene and Jesse LeGrand, Bud and Martha Clayton, Sue and Duane (Friday) Freidank. Third Row: Mel and Mary Lou Nickel, Jean Hendrickson and Jim Miller, Ruby and Belding McCurdy, Joe Murphy, Craig Ellis.**

## Honor Classes



**Class of 1943 -- Left to Right - First Row: Horace and Margie Magee, Ira Perkins, Earl and Olga Biermann, Jim and Lou Paul. Second Row: Maurita Stueck, Tony and Dorothy Haley, Lucille and Charles Rakestraw, Ray and Dorothy Kasten, Kent and Marilyn Comann, Dorothy Schilling, Luz and Don Huseman, with Lacey, Paul and Mary Rothband. Third Row: Neil Stueck, Don and Helen Coolidge, Doug and Caroline Christensen, Roy Werner, Wally and Laura Dressel, John Schilling, Gabe Skitek. Fourth Row: Bob and Mary Ehrlich, John Wright, Ed and Lois Bumps, Bob and Merrilee Underhill, Ed Gyax, Hank Kurusz, Joe Berndt, James Neustaedter. Fifth Row: Jim and Helen Bottom, Jack Burst, Bob McMath, Albert Keevil, Don West, Max Marlow.**



**Class of 1948 -- Left to Right - First Row: Dorothy Hackmann, Art and Jane Tapperson, Allen Crosby, Sue Ellis, Ardella Browning, Dixie and Lila Walker. Second Row: Gwen Gevecker, Bob Hackmann, Charley and Pat Reed, Bill Ellis, Phil Browning, Joe Fitzpatrick, Alwilda and Don Mathews. Third Row: Bob Gevecker, Stan and Jean Johnsen, Michael Delaney, Jim Hoelscher, Dolores and Mel Hagan, Mary and Roger Nowlin, Julia and Stanley Bye. Fourth Row: Joe and Mary Hepp, Harvey and Blondie Leaver, Betty and Jim Chaney, Carol and Jack Leahy, Alice and Jim McGovern, Estelle and Bernie Cohen, Bob Niewoehner. Fifth Row: Dick Enochs, Kent Allen, Pat and Ted Wolfarth, Harold Moe, Raymond Juergens.**

## Honor Classes



**Class of 1953 - - Left to Right - First Row: Mollie Achterberg, Edna and Don Belcher, Mabel and Don Spencer, Harold Weinland, Al and Beverly Kent. Second Row: Ernie Achterberg, Gene Lang, Vivian and LeRoy Justice, Jim and Meryl Akers, (unknown), Bill Barbier. Third Row: Ann and Gene Edwards, Angela and Charles Anderson, Bill Oberschelp, Joan and Bob Vienhage.**



**Class of 1958 - - Left to Right - First Row: Dale and Carol Klohr, Gene Russell, Larry Atha, Delores Spratt, Denna and Joseph Crowe, Shirley and Delbert Day, Charlene and Bill Zieba. Second Row: Connie Welch, Don Modesitt, Paul and Carole Hermann, Charles and Laura Myers, Bob Spratt, Sandy and Joe Palovchik, Allan Johner, Karol and Bob Zieba. Third Row: Charles Welch, Ed and Pat Degenhart, Jack and Janice Haydon, Norma and Bob Sfredo, Elizabeth and Bill Schluemer, Ken Woodruff, Chester and Nancy Hager, Sharon and Larry Meyer.**

## Honor Classes



Class of 1963 - - Left to Right - First Row: Jon and Pat Vaninger, Harrel and Judy Timmons, Bob and Judy Sieckhaus, Carol and Jim Nobel, Jim Van Buren. Second Row: George and Nancy Schillinger, Jerry and Barbara Church, Walter and Susan Mueller, Harold and Jan Crader, Douglas Hughes, Pat and Paul Ray. Third Row: Ron Klein, Ed and Joan David, Jim Libiez, Gary Pointer, Jim and Jackie Phillips.



Class of 1968 - - Left to Right - First Row: Alice Munns, Jeanette Warren, Cheryl Koederitz, Ben and Mrs. Mortellaro, Roger and Jean Volk, Dixie Finley. Second Row: John Munns, Ted Warren, Dan and Ruth Carnahan, Steve Strauss, Carol and Rich Vehige. Third Row: Lenn Koederitz, Jenny and Bob Pahl, Joe and Joan Schardl.

## Honor Classes



Class of 1973 -- Left to Right - First Row: Chris and Marsha Wilson, Evelyn Gayer, Mark and Mathew Pickell. Second Row: Eric Merritt, John and Diane Lick, Kim Colter.



Class of 1973 -- Left to Right - First Row: Jeff Schumacher, '74, Buddy Bruns, Chuck Flaminio, Steve Robertson. Second Row: JoAnn Schumacher, Cathy Bruns, Francine Flaminio, Pat Robertson.



Class of 1973 -  
Stew Scott



Class of 1973 - Left to Right - Roger and Karen Zimmermann, Steve and Joyce Serniak.



Class of 1978 -- Left to Right - First Row: Susan Turner, Bob and Jan Schnell's boys, Jackie DeThorne, Dave Holland, Fran Erickson. Second Row: Walter Lounsbury, Tom Zuiss, Gary Maxwell, Tom Fennessey, Debra Budd, Resa Harbison Bridges, Kelvin Erickson. Third Row: John Warmak, Judy and Steve Allen, Bob and Jan Schnell, Marjorie Dahmer, Emily Dahmer, Russ Dahmer.

ab16WA Honor Classes m1m1A



Class of 1983 - - Left to Right: - First Row: Jan Lewenczuk, Kathy Herrmann Schmitt, Kevin Gordon. Second Row: Linda Miller, Chuck Lewenczuk, holding Heather Lewenczuk, Doug Wesselschmidt, Greg Tolcou, David Schmitt, Kim Hofstetter. Third Row: Brian Miller, Mark Harbison, Jim Pinkley, Paul Lang, Allan Harvey, Susan Watson Bruner.

MSM-UMR

1988 Outstanding Student Adviser Awards



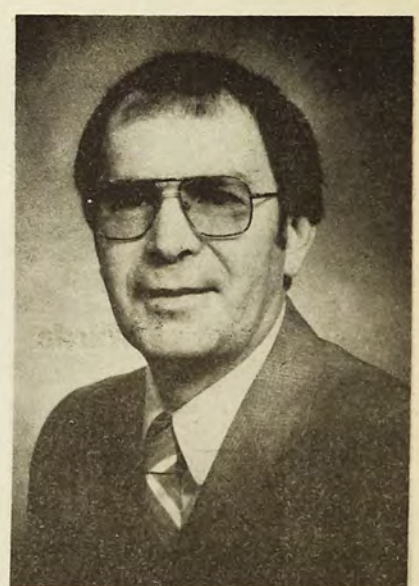
David Cunningham  
Professor  
Electrical Engineering



Madison Daily  
Assistant Professor  
Engineering Management



Richard Johnson  
Professor  
Mechanical Engineering



David Oglesby  
Associate Professor  
Engineering Mechanics

# Alumni Association Awards

## Achievement Awards



**James E. Bertelsmeyer**  
Tulsa, Oklahoma

James E. Bertelsmeyer is vice president, corporate development for Synergy Gas Corp. He received his B.S. degree in chemical engineering from UMR in 1966. He later earned a M.B.A. from Memphis State University and attended Cornell University's Executive Development Program.

After service with the U.S. Marine Corps and attending graduate school, James began his career with Conoco. Ten years later he moved to Buckeye Gas Products Co., the third largest propane marketing and distribution company in the nation, as a senior vice president. He was promoted to president and chief executive officer of the company in 1980. The company was sold in December of 1986 and James accepted his present position on a consulting basis.



**Gary L. Downey**  
Los Angeles, California

Gary L. Downey is senior vice president, operations and marketing, for ARCO International Oil and Gas Co. He received B.S. and M.S. degrees in petroleum engineering from MSM in 1962 and 1963 respectively.

Gary began his career with Atlantic Richfield in 1963 as a petroleum engineer. Since 1973, he has held various management positions of increasing responsibility and attained his present title in March of this year. He has been involved in several projects for ARCO including the development and exploration in Alaska of North Slope and Cook Inlet and the discovery of the Prudhoe Bay oil field. He also served the company in Iran and South America.

Gary is a member of the Society of Petroleum Engineers and serves on the boards of civic and charitable organizations.



**Louis W. Smith**  
Torrance, California

Louis W. Smith is vice president, manufacturing, for Allied-Signal Aerospace Co. He received his B.S. degree in electrical engineering from UMR in 1966. He also holds an M.B.A. degree from the Rockhurst College Executive Fellows Program and has completed some post graduate work at the University of Kansas.

Louis joined Bendix in Kansas City in 1966 as an associate engineer and held various engineering and management positions until he was promoted to sector vice president for Bendix Aerospace Sector, Allied Signal in 1986, the position he held prior to his current appointment. He holds a variety of responsibilities in the company formed by the merger of Allied-Signal's Bendix Aerospace and Garrett Aerospace Sectors.

## Merit Awards



**Robert G. Fuller**  
Lincoln, Nebraska

Robert G. Fuller is a professor of physics at the University of Nebraska-Lincoln. He received his B.S. degree in physics from MSM in 1957 and his M.S. and Ph.D. degrees in the same field from the University of Illinois.

Robert began his career as a research physicist at the Naval Research Lab and joined the faculty at the University of Nebraska-Lincoln in 1969. He has served as a visiting professor at the University of California-Berkeley, the British Open University, and most recently, at the U.S. Air Force Academy.

He has received a great deal of recognition for the development of innovative methods of teaching physics and he is the author of several books, one of which he wrote with his father, UMR's emeritus professor and dean, Dr. Harold Q Fuller.



**Wilbur P. Tappmeyer**  
Rolla, Missouri

Wilbur P. Tappmeyer is professor emeritus of chemistry at the University of Missouri-Rolla. He received his B.S. degree in chemistry from MSM in 1947, holds other degrees from Southwest Baptist and Southeast Missouri State University in Cape Girardeau, as well as his Ph.D. degree from the University of Missouri-Columbia.

He began his career at UMR in 1960 as an assistant professor, was promoted to associate professor, became a full professor in 1966 and received his emeritus title in 1985. He served as coordinator of the freshman chemistry program at UMR from 1963-85. Wilbur is active in a number of professional, civic and religious organizations and has served as president or on the governing boards of several of them.

## Service Awards



**Robert W. Klorer**  
Ferguson, Missouri

Robert W. Klorer, is a partner in Klorer Sales Co. He received his B.S. degree in mechanical engineering from MSM in 1944.

After serving in the U.S. Navy, Bob began his career with Minneapolis Honeywell as a service engineer. He entered the sales field with Spalding Fiber Co. in 1948 and became a partner in the Dale J. Painter Co. in 1955. In 1957 he started Klorer Sales Co., a manufacturers representative agency. In 1987 he brought in his son, John Klorer, '84, as a partner in the business.

For 15 years Bob was a member of the MSM-UMR Board of Directors (serving part of that time as chairman of the Awards Committee.) Also, during the last few years of Bob's service on the MSM-UMR Board, his daughter, Mary Klorer, '81, was a member, making history as the only father-daughter team ever to serve on the board.



**Gerald C. Uhe**  
Edwardsville, Illinois

Gerald C. Uhe is a high school science instructor in the Roxanna (Ill.) High School and is owner and operator of Taralane Registered Angus Farms. He received his B.S. degree in chemistry from MSM in 1962. He holds a M.Ed. degree from the University of Illinois-Urbana and has done post graduate work at SIU-Edwardsville.

Gerald teaches advanced high school chemistry, qualitative and quantitative analysis and physics. He has set up the entire chemistry and physics programs for the school and has worked on special programs for curricula, gifted students and grading. During the past 23 years, he has sent approximately 60 students to UMR.

Gerald is an active member of professional groups in both the science and cattle breeding fields and participates in civic and religious organizations.



**Juanita Waters**  
Rolla, Missouri

Juanita Waters is household assistant for the Chancellor's Residence at UMR. She received her education in Woodford and Versailles, Kentucky.

During her tenure at the University of Missouri-Rolla, Juanita has worked with the following chancellors and their families - - the Bakers (Merl, Emily, Marilyn and Merl Wilson); Ray Bisplinghoff; the Marchellos (Joe, Louise, Sallie and Katy); and the Jischkes (Martin, Patty, Charles and Mary).

For the past 25 years, Juanita has graciously helped to entertain countless alumni, faculty and staff, students and friends of the university.



**Frank H. Mackaman**  
Rolla, Missouri

Frank H. Mackaman is vice chancellor emeritus of UMR Alumni/Development Affairs and executive vice president (retired) of the MSM-UMR Alumni Association. He received his B.A. degree in 1947 from Drake University, Des Moines, Iowa.

Frank began his career with Procter and Gamble Distributing Co. as a salesman in Iowa. After 12 years with the company, he returned to his alma mater, Drake, to become executive secretary of the Drake National Alumni Association and director of alumni programs.

In October 1968, he moved to the UMR campus in Rolla as field representative, alumni activities, for the MSM-UMR Alumni Association. Frank became director of alumni activities then executive vice president of the association, and vice chancellor for alumni/development affairs in 1984. He retired from his administrative duties with UMR last summer.

## Honorary

## Life Memberships





## Computer Viruses Are A "High Tech" Disease

The old adage that an ounce of prevention is worth a pound of cure holds true even with such sophisticated high-tech "diseases" as computer viruses, according to Dr. Bruce M. McMillin, assistant professor of computer science at UMR.

Computer viruses, McMillin explained, are unwanted entities such as programs, parts of programs, or files that are introduced into a computer system. These entities can be either harmless or malicious in intent.

"These unwanted entities can be introduced either through 'infected' software installed by an unsuspecting user or by an external attack through attachment to a public network," he said. "The latter recently happened to a number of computers around the country, but, fortunately, the computers at UMR were not affected this time.

"UMR facilities were infected last year -- about this time -- when a mild case of 'Christmas Greeting' virus was introduced into BITNET, a network of IBM computers to which UMR belongs," McMillin said. "It was comparatively harmless and remedied through user education and control.

"The October, 1988 virus," he continued, "missed UMR by a narrow margin. A network, ARPANET, was in the process of being installed at UMR's Computer Center (in production, spring semester) but had not been hooked up. ARPANET will be used primarily for research purposes and connects UMR to an extensive network of computers at research facilities throughout the country.

Once a virus gets access to a public network, it can spread from one computer to another," he added. "Regardless of how the virus enters these computer systems, it may run programs that range from doing nothing more than slowing down the system to destroying some or all of the existing information in the system.

McMillin explained that it's difficult to tell if computer software contains a virus before installing it.

"The best way to prevent this type of invasion is to be sure of your source of new software," he said.

"Viruses that are spread by public networks are far more insidious," he continued. "Unlike a virus lurking in software installed in a system, network viruses enter without any direct action by the user of a system.

"If you are going to hook up your system into a public network, you must be ready to restore destroyed data in case the data is exposed to a virus."

Computer systems that participate in electronic mail exchanges and file transfers are particularly susceptible to computer viruses, he explained.

"These sorts of systems have been designed to facilitate information sharing," McMillin said. "It is easy to spread information from one computer system to another with information sharing systems."

"It's ironic that the very vehicle that allows information to be easily shared is the same vehicle that permits the phenomenon of computer viruses to exist," he added.

McMillin explained that once a computer system has been infected with a virus the system has to be halted and the virus "exterminated." This involves the deletion of all unwanted information from the system.

"Because the computer software behavior is repeatable and the unwanted information may enter the computer system, security, which involves safeguards built into the computer program, also must be added to the system itself to prevent the virus from coming right back," he said.

McMillin said that it is almost impossible to stop a virus from entering a system that is connected to a public network system. He compared the problem of computer viruses to that of getting mice in your house.

If your house is next to a pasture or wooded area containing a number of field mice, sooner or later one or more will find a way into the house," McMillin said. "After a lot of time and effort, you can find and stop up the hole where the mice entered your house -- but chances are they'll find or make a new hole and come in again next fall."

The problem of computer viruses is of particular concern to banks and other similar institutions," he said. "Banks must exchange information in order to transact business."

McMillin added that these organizations use partial public network systems but access to them is restricted and the systems are closely guarded to avoid viruses.

"These systems use cryptography, or codes," he said. "The codes are virtually impossible to break. An intruder would have a hard time modifying or understanding the information being sent.

"The cryptography procedure also is used by government agencies and the military to protect highly classified information in their computer systems," McMillin said. "If an agency wants privacy in a network, it has to use encryption of data using secret codes and a restriction of access to the systems for protection from computer viruses.

"In some extreme cases certain agencies also have computer systems that are completely physically and logically isolated and independent of any other system so it is virtually impossible to infect that system," he said. "Those agencies don't want people to be able to read or change what is contained in their systems."

McMillin added that the kind of computer system an institution uses is a trade-off. "It depends on what kind of intrusion an institution is willing to tolerate, or how much it is willing to sacrifice in terms of convenience for security.

As a final note, he said that -- until the spring semester, UMR's facilities were well protected from most network viruses. "With the connection to the ARPANET network, we became susceptible to the same sort of attack that was recently in the news," McMillin said. "However, the functionality gained by attaching to the ARPANET significantly enhances research and instruction here. The benefits of network connection far outweigh the undesirable aspects."

## Alumni Section News

### Kansas City Section

The Kansas City Section of the MSM-UMR Alumni Association had an active summer and fall activities program. More than 70 alumni and guests enjoyed our K.C. Section family picnic held at Lake Jacomo on Aug. 14, 1988. We were most pleased in having Ms. Kim Hofstetter, '83, of alumni-admissions office join us for the festivities.

More than 35 alumni and guests attended the tailgate party and the Royals vs. Oakland baseball game on Sept. 8, 1988.

On Oct. 8, 1988, at the MSM-UMR Alumni Association fall board meeting in Rolla, president Lu Bolon presented a check for \$600.00 to Don Brackhahn toward the K.C. Section Scholarship Fund which

now totals more than \$1700.00. Not bad for less than two years as an active section. We expect to keep up the good work in 1989 and we encourage other sections to consider starting a scholarship fund.

On Oct. 15, 1988, the Bolons hosted a K.C. Section Fanfare Brunch at their home prior to the

Miners-CMSU football game in Warrensburg. About 40 attended the brunch including Dixie Finley, '68, and Janice Stephens, Miner coaches wives. All of this year's K.C. Section activities were enjoyable and deemed a resounding success.

Kevin R. Eisenbeis, '79



### Alaska Meeting

The sixth annual unofficial Alaska alumni party was held at the home of Barry and Kathy (Dill) Sheldon on Aug. 4, 1988, in Anchorage. The weather was cool but sunny as it had been for the previous week. Those in attendance

were Steve, '84, and Claire, '85, Homoky; Laura and Gerry, '81, Suellentrop; Lisa and Greg, '86, Sanders; Jeanne and Joe, '55, Green; Cheryl and John, '83, Kurz; Doug Swenson, '83; Jesica and Von, '78, Cawvey; Barry, '81, Kathy, '79, and

Stacey Shelden; Dane Cantwell, '85; Becky and Andy, '74, Simon; Mary and Mark, '80, Eck; Susan (representing Terry, '78) McCallister, Nancy and Tom, '79, Schmitt; Mark Drumm, '77, and Blaze, the Wonder Dog; Dan Pickering, and Cheryl,

Kyle, Kerri and Lenn, '68, Koederitz. Special thanks to Barry and Kathy Shelden for hosting the event and to Mark Drumm for the excellent barbecued salmon.

Lenn Koederitz, '68



First Row: Von Cawvey, Jessica Cawvey, Mark Drumm, Blaze Drumm, Mary Eck. Second Row: Dane Cantwell, Barry Shelden, Cheryl Koederitz, Cheryl Kurz, Mark Eck, Lenn Koederitz. Third Row: Tom Schmitt, Kathy Shelden, Doug Swenson, John Kurz, Laura Suellentrop, Becky Simon, Andy Simon. Fourth Row: Joe Green, Jeannie Green, Nancy Schmitt, Lisa Sanders, Susan McCallister, Greg Sanders, Gerry Suellentrop.



Steve and Claire Homoky

Pacific Northwest Section



1279 Longacres 9/24/88  
 J.W. WOODLEY.....Second  
 WAILEA BAY.....Third

QUIBERON

\*\*UNIVERSITY OF MISSOURI AT ROLLA ALUMNI PURSE\*\*  
 6 fur. 1:09.3

M/M David Breiwick..Owner  
 Mike Jones.....Trainer  
 William Southwick.....up



Quiberon wins the UMR Alumni Purse race... At left Rosey Hoffmann and Susan Wright represent UMR in the winner's circle with owner, trainers, jockey and horse.

The fall 1988 function of the Pacific Northwest Chapter was held at Longacres Racetrack (Renton, Washington) on Saturday, Sept. 24, 1988. A lively group of 25 chapter members braved the rain to enjoy an afternoon of thoroughbred horse racing, food, and fun with fellow

alumni. We observed the 11 races of the day from the comfortable confines of the elegant Turf Club, high above the finish line of the track. While dining upon an excellent buffet featuring roast beef and prawns, we cheered our favorite horses to the finish line, and

even collected a few winnings from the conveniently located betting windows across the room. The highlight of the afternoon was the Ninth Race, "University of Missouri at Rolla Alumni Purse," an event for three-year olds with a purse of \$8,300. When the dust

(mud) kicked up by the six-horse field had settled, the number 3 horse, Quiberon, had crossed the finish line first.

Michael R. Warfel, '75  
 Chapter Secretary



Dave and Linda Winter and Chris Hoffmann



Melva and Dan, '68, Thomvre

Ark-La-Tex Section

The Ark-La-Tex Section met on Sept. 24, 1988, at the home of John and Loretta Moscari. Our hosts, whose home is in Longview, Texas, had gone to a lot of pain to enhance the party by rigging lights, fans, and kerosene torches in their back yard. As it turned out, it was a birthday party for John, whose birthday is Sept. 24. But, it was also sort of a belated birthday party for Loretta, whose birthday fell on September 17.

Anyway, the party was held in their back yard under the trees and beautiful weather prevailed. As a gag, John was given a beautifully iced and candled cake made of styrofoam. He had trouble enough blowing out the candles but when he found out he could not cut the cake with a knife he quickly whipped out his trusty electric chain saw and proceeded to cut the cake (or should I say, butcher?). After all present had a good laugh, his wife produced the real cake and

it turned out to be very tasty. John claimed to be 39! We had barbecued brisket and fried chicken accompanied by all sorts of delicious covered dishes and dips which were brought by the people attending. A total of 25 persons attended the session. Of these, 10 were grads, 10 were wives of grads (don't forget that Judy is both--a grad and a wife of a grad--if you are counting), and six were guests. Following is a list of those in attendance:

Annie Conley (widow of Francis H., '27); Leona and Gerald, '28, Roberts; Loretta and John, '51, Moscari; Eilyeen and John, '39, Livingston; Katherine and Frank, '32, Zvanut; Pauline and Bob, '49, Morlock; Mary and Greg, '75, Willis and their son Matthew (guest); Judy, '74, and Rande, '73, Grotendorf; Clydelle and Basil, '39, Compton; Ardella and Phil, '48 Browning; Chal and Carol Creese (guests), Page Brown (guest), Ed

and Paige Lorenzi (guests). A short business meeting was held at the end of the supper. A nominating committee was appointed consisting of the president, vice president, and secretary/treasurer. Their mission is to prepare a list of candidate names for election at the next meeting of the section. The offices to be filled are president, vice president, and secretary/treasurer. All present also agreed to the preparation of a list of about five names (probably consisting of past officers of the section) of which three will be voted in as board members at the next meeting. It was felt that this would give more depth to the list of persons "responsible" for the section and also tend to create more active interest. The length of their term was not specified but a two year term was mentioned. This will be voted on at the next meeting. Several things were discussed

which all present hoped would create a rise in our membership, especially from the ranks of the younger grads. It was acknowledged that the younger folks with children have problems with "formal" meetings because they have to hire baby-sitters in addition to paying travel and other costs. Of course, in some cases, it may be that they feel that they do not have the spare income to afford the luxury of such a social expense. One suggestion given to ease this disadvantage was that we could have some afternoon meetings, or picnics, which the children can attend and enjoy.

Our next meeting of the Ark-La-Tex Chapter will be held on Jan. 21, 1989, to accommodate the Chancellor of our alma mater who has kindly offered to come down and speak to us.

Phil A. Browning, '48  
 President

Section News Continued

SPE Meeting

Miner alumni met at the annual Society of Petroleum Engineers' Technical Conference and Exhibition in Houston, Texas on Oct. 4, 1988. The reception was held in the Westchester Room at the Westin Galleria Hotel and everyone had such a good time that the bar remained open for an extra hour. In excess of fifty alumni, friends and spouses attended and fairly comprehensive list of those

attending includes: Scott A Smith, '86; John E. Kurz, '83; Rodney D. Littleton, '81; Robert E. Estill, '83; Thomas S. Schmidt, '69; Robert Lee, '79; Omer Roberts, '69; Marc Gruenenfelder, '81; Herb and Billie Harvey, UMR; Jeffrey Joseph, '83; Bob McCann, '80; Karen Wheaton Dungey, '82; Daopu Numbere, UMR; Andrea Green, '80; Ron Kelley, '82; Mike Avery, '82; Rod Kirkpatrick, '77; Bob Duenckel, '74;

Lloyd and Teresa Heinze, '87; Marilyn M. Smelcer, '80; Sean E. Price, '77; Alton J. Nute, '65; Pat L. Davis; Glen and Rosie Foss, '66; L.D. Witt, '79; Bob and Charlotte Carlile; Jim Crafton, '65; Gary Pariani, '73; Jennie (Adkins) Brubaker, '79; Jag and Lynn Ghole, '69; George R. and Ellen Donaldson, '51; Ted Eicks, '86; Jeff Germer, '84; Jim Ohlms, '84; Walter Komos, '79; Earl Worstell, '69; Sam Stone, '82;

Donna Freyder, '83; Kelli Cottle, '83; Steve and Dalsy Ohnimus, '68; Dennis Dutton, '76; Sherri Clark, '78; Dave Dubois, '81; Cathy (Godsey) and Brian Tapper, '80; Judy Roper, '79; Jim Bernot, '84; Karen Rakop, '81; Susan Holley, '81; Cindy Crow, '82; Kurt Kohler, '85; Tom Beebe, '87; Yvonne Paris, '87; Lenn and Cheryl Koederitz, '68.

Lenn Koederitz, '68



Greater New Orleans Section

MSM/UMR alumni in the Greater New Orleans region had the opportunity to attend the second annual "Halloween Outhouse Burning" on Oct. 29. Paul, '61, and Martha Whetsell transformed their yard into a delightful Halloween setting with campfires, bales of hay, pumpkin-head Miners, and a specially constructed outhouse. Area alumni roasted hotdogs and marshmallows before the highlight of the evening, the outhouse burning. Lindsay Bagnall, '76, of the MSM/UMR alumni office was a special guest at

the Halloween event, bringing the latest news from Rolla. GNO Section president, Mike Herries, '83, acknowledged Wally Stopkey, '52, as representative of the earliest graduating class present, but Bill Koederitz, '51, protested! There was no dispute over the most recent Rolla graduate, Kirk Lawson, '87. The Miners who traveled the greatest distance to attend the festivities were Joe and Penny Kalinowsky, '57, of Baton Rouge. Curt Killinger, '73, presented information gathered at Homecoming, '88. Also, Curt

Killinger and Kirk Lawson have been visiting local high schools in conjunction with the UMR Ambassador Program, to inform potential students about UMR. Plans were made for a MSM/UMR happy hour to be held on Jan. 12, at Amber Jacks (Lakeshore Drive) from 5 to 8.

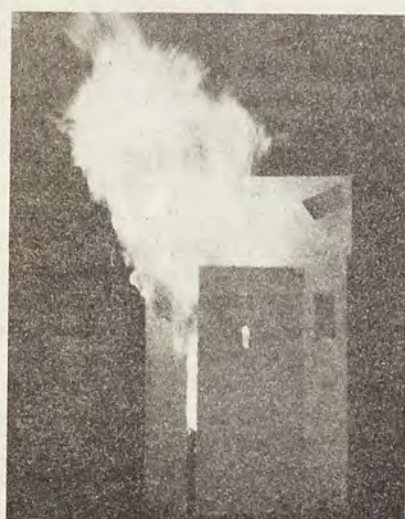
Alumni attending the Halloween function were: Bill, '51, and Mary Ann Koederitz; Wally, '52, and Lorraine Stopkey; Curtis, '57, and Carol Leach; Joe, '57, and Penny Kalinowsky; Ken, '57, and JoAnn Wisdom; Paul, '61, and Martha

Whetsell; John Foren, '65; Greg Praznik, '70; Thomas, '72, and Lynn, '72 Eyermann; Curt, '73, and Marybeth Killinger; Lindsay Bagnall, '76; Bob and Debra Ruzensky, '78; Sheila McDonnell, '83; Jeff, '83, and Ellen, '84, Scheibal; Mike, '83, and Paula, '84, Herries; and Kirk Lawson, '87. Thanks to Paul and Martha Whetsell for hosting a terrific second annual "Halloween Outhouse Burning"!

Sheila McDonnell, '83



Greater New Orleans Section Continued



Los Angeles Section

The Los Angeles Chapter of the MSM-UMR Alumni Association met Nov. 4, 1988, for dinner at Luminarias in Monterey Park. Although more were expected, it was a good meeting with 29 in attendance. Lindsay Bagnall, our new assistant director of the Alumni Association, had sent two video tapes from

Homecoming '88 which we thoroughly enjoyed. One was of the groundbreaking ceremony for the new Alumni-Music-Auditorium building with the surprise announcement that Don Castleman, a local banker, had pledged 1.5 million dollars to the University, \$500,000 of which was to go toward

the new building. The other tape was of the football game which generated so much interest that we even played it a second time.

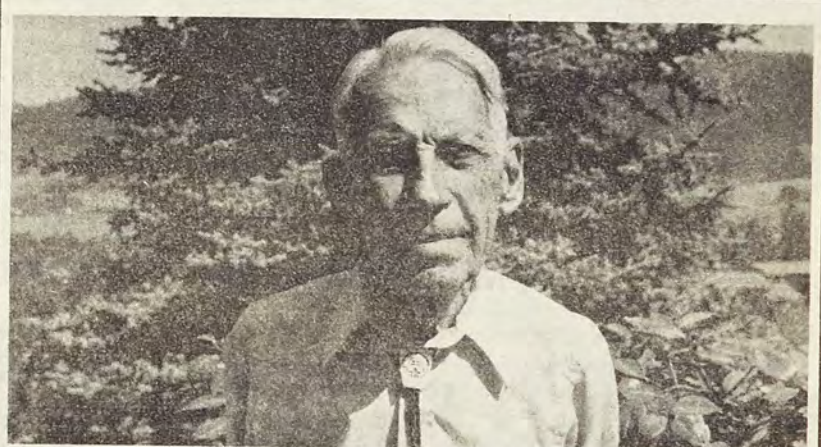
Those attending were: Jeff, '83, and Leslie Bacon; Mark, '42 and Shirley Beard; Jeff, '75, and Sharon Bopp; Scott, '74, and Alice Boyd; Jim, '44, and Theda Gostin; Don,

'43, and Luz Huseman; Nathan, '41, and Bena Jaffe; George, '36, and Miriam Nations; John, '42, and Mary Nevin; Rene, '43, and La Vern Rasmussen; Scott Sharp, '86; Jack, '49, and Natalie Stadelhofer; George, '52, and Nancy Stevens; Fred, '48, and Marilyn Todd, and John, '43, and Phyllis Wilms.

Scott Boyd, '74

MEETING DATA

Event/Site	Date
University of Missouri Founders Day Jefferson City, Mo. ....	Feb. 11
Alumni Admissions Dinner Cape Girardeau-Sikeston, Mo. ....	Feb. 20
Campus Founders Day Rolla, Mo. ....	Feb. 25
Alumni Admissions Dinner Rolla, Mo. ....	Feb. 27
SME Reception Las Vegas, Nev. ....	Feb. 28
Alumni Admissions Dinner Springfield, Mo. ....	Feb. 28
Alumni Admissions Dinner Alton-Belleville, Ill. ....	March 7
Kansas City Section St. Pat's Party Kansas City, Mo. ....	March 10
Dallas/Ft. Worth Section St. Pat's Party Ft. Worth, Texas. ....	March 11
Alumni Admissions dinner St. Louis, Mo. ....	March 13
Houston Section St. Pat's Party Houston, Texas. ....	March 17
Alumni Admissions Dinner Kansas City, Mo. ....	March 21
Bay Area Section San Francisco, Calif. ....	March 25
Phoenix Section Phoenix, Ariz. ....	March 29/30
Class of '42 Reunion Longboat Key, Fla. ....	April 20-26
Alumni Board Meeting Rolla, Mo. ....	April 21-22
50 Year Reunion at Commencement Rolla, Mo. ....	May 11-13
Homecoming October 6-7, 1989 Rolla, Mo. ....	Oct. 6-7



Hanley W. Weiser, '18

Special Alumni Award

In a departure from its usual policy (honorees must be present at Homecoming to receive award), the MSM-UMR Alumni Association authorized presentation of an Alumni Merit Award to Hanley H. Weiser, '18, at his home in Santa Rosa, Calif. on Sept. 17, 1988.

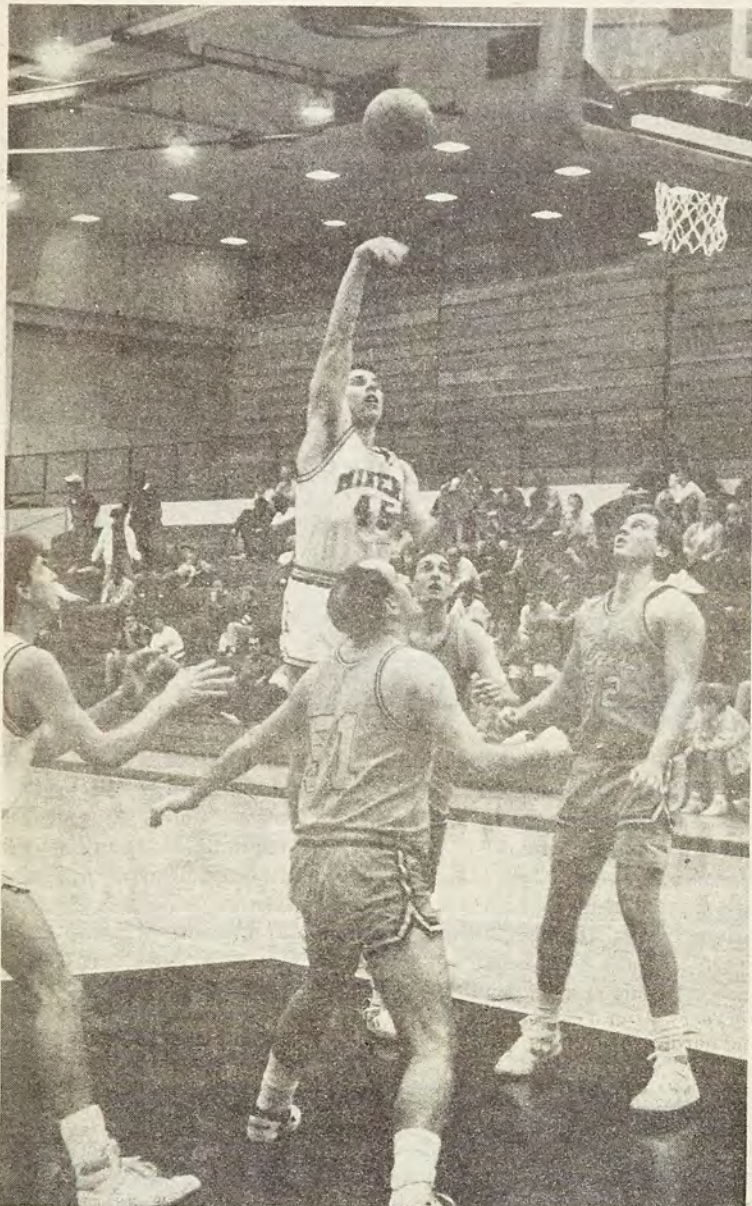
Hanley, who retired in the 1960's as an executive of Western Electric, received B.S. and M.S. degrees in metallurgical engineering from MSM in 1918 and 1920 respectively.

His career as a metallurgical engineer took him to many areas throughout the world and he spent a number of years as superintendent of operations for Nassau Smelting in Staten Island, N.Y.

Hanley has a record of many years of support to the University and he is a member of the Order of the Golden Shillelagh.

Dave Peacock, '64, MSM-UMR Alumni Association director for zip code areas 93-99 (West Coast) reports: "Jerry Littlefield, '58, Bay Area Section president, and I visited Hanley Weiser at his home in Santa Rosa, Calif. on Sept. 17, 1988, and presented the Alumni Merit Award to him on behalf of the alumni association and the university. We also presented his Century Club Plaque."

"Hanley lives in a beautiful home on the edge of town with a magnificent view of the surrounding countryside. We all went to lunch at Hanley's favorite restaurant in Santa Rosa. Hank kept us fascinated with his stories of metallurgical and mining exploits in Mexico, Spain, Alaska, Nevada, and Staten Island, N.Y.."



Tim Hudwalker (45) (varsity) hooks in a shot as alums Scott Sandbothe (51), Kris Stange, middle, and Mark Zarr (52) await the rebound.



Lady Miner (varsity) Jan Grotenhuis (25) has a race to the basket with alum Leslie Behm (12)

### Miner Basketball Seasoner Opener—Alumni vs Varsity

Twenty-eight Miner men and women alumni returned to the Bullman Building on Nov. 19, making the annual basketball alumni games a big success.

There were 15 Lady Miners returning, with 14 of them finding the scoring range. Those who returned and played were: Liz Haning, '88, Leslie Behm, '86, Laurie Behm, '84, Cecilia Gutierrez,

'86, Gail Halsey, '66, Terri Newton, '88, Kelly Stewart, '86, Karen Williamson, '81, Dianna Pasley, '87, Stacey Stover, '86, Darlene Bramel, '82, Susan Mullins, '87, Sandra Vaughn, '88, Dallas Kirk, '79, and Linda Hill, '84. Mullins, UMR's all-time leading scorer, paced the team with eight points in an 86-48 loss.

For the men, 13 players took part in the game, won by the varsity 83-

50. The men, however, had things going early on, jumping out to a stunning 12-0 lead. The highlight of the game was two straight three-point bombs by all-time leading scorer Curtis Gibson, '86.

Others who participated in the game were Stu O'Kraski, '87, Bob Oetting, '55, Bob Kissack, '75, Kris Stange, '88, John Pfannkuch, '85, Kent Dinsdale, '85, Jeff Kipp, '81,

Phil Ostapowicz, '78, Scott Sandbothe, '82, Mark Zarr, '88, and Mark Givens, '88. UMR emeritus faculty member Mike Vickers also played for the alumni. Pfannkuch paced the squad with 12 points, with Dinsdale adding 11.

Following the games, a reception was held at the University Center where various presentations were made.

### Miner Swimmers Excited About Season

A talented group of freshmen, along with many returning lettermen, have UMR swimming coach Mark Mullin excited about the upcoming 1988-89 season.

UMR lost only two key performers from last season's 6-3 squad. Last season was the first time in several years the Miners were not represented at the national meet. Mullin thinks that will change this season, in large part to a successful recruiting class.

Some of the returning lettermen who Mullin feels at least have a chance to make national-qualifying

times or dives are: junior Tim Streb in the 200-yard breaststroke; sophomore Scott Sandvoss in the 200-

yard butterfly and the 400-yard IM; junior Steve Pascoe in the 50-yard freestyle, 100-yard freestyle and the 100-yard breaststroke; senior Rick Strom in the 200-yard backstroke; sophomore Terry Cruse in the 200-yard backstroke; senior Joe Lundeen in the 50-yard freestyle and 100-yard freestyle; and senior Tim

Davis in the one- and three-meter diving, and the 400-yard and 800-yard freestyle relay teams.

Mullin is also impressed with

several freshmen, and feels first-year Miners who could very well make national-qualifying cuts are Mark Cresswell in the 1,650-yard freestyle; Mike Stus in the IM or distance freestyle events; Jeff Kuta in the 50-yard freestyle; Steven Strah in the 200-yard freestyle; and diver Jeff Mitchell.

In the distance events, Mullin will have Cresswell, freshman Dan Driesewerd, junior Bob Phillips, freshman Jason Schnepf and Stus. In the middle-distance freestyle events are sophomore Jeff Bilyeu, Strah, sophomore Doug Cordier,

Stus, Cresswell, Driesewerd, Phillips, Schnepf and sophomore Lance Clark. Competing in the spring freestyle events will be Kuta, Pascoe, Lundeen, Strah and Clark.

Competing in the backstroke events for the Miners will be Strom, Cruse, junior Rob Wagner and sophomore Doug Cordier. In the breaststroke events are Streb, Pascoe, Bilyeu and Schnepf. In the butterfly events are Sandvoss, Lundeen, Streb, Kuta and Clark. In the IM events are Sandvoss, Stus, Streb, Cresswell and Wagner. UMR divers are Davis, Mitchell and junior Amy Cromwell.

## MSM-UMR Athletic Hall-of-Fame

### Football Miners End Tough Season

The UMR football Miners, trying to side-step injury and adversity in 1988, finished the season with a 2-8-0 record, 2-4 in the MIAA. The Miners were hit hard by injury early in the season, and then suffered another rash of backfield mishaps as the campaign drew to a close.

"It was a tough season, and one that is a little misleading," said Miner head coach Charlie Finley. "We lost a couple of games by a crucial play or two, or we would have been in the thick of the race.

Senior linebacker John Hentges paced a group of 14 seniors on the Miner roster, as he led the team with 116 tackles, while being named MIAA "Player-of-the-Week" on two different ballots.

### Soccer Miners Wind Up '88 Season

#### Miners

First-year coach Bob Boucher recently completed his first season with the men and women's soccer programs at UMR, and saw some positive things happen to each team.

The men finished 10-8-1, but were in the chase for a post-season tourney spot until late in the season. Individually, Kurt O'Brien paced the MIAA in scoring, dishing out three assists and scoring 15 goals. The goals total tied a UMR record, set last season by Bill Steffen.

O'Brien gained all MIAA honors from his forward, along with midfielder Mike Balassi. Second-team Miners were back Tim Saunders, back Carl Jung and forward Tim Chojnacki. Chojnacki was second on the Miner team in scoring with 16 total points.

Of the all-league players, only Chojnacki is a senior.

"We were in some very close games, and could have had a better record," Boucher said, "but we are still a pretty young team. We will have most of our key performers back next season, and I look forward to working with them again."

#### Lady Miners

The Lady Miners suffered through another tough season, finishing with a 3-13-1 mark. Sally Puhlick paced the team with eight goals and five assists, as the junior midfielder had another fine season.

The squad had only one senior on the team (Michelle Ditton), leaving Boucher reason for optimism.

"There were 11 players on the roster who were either freshmen or sophomores, so we are still in a rebuilding phase," he said. "It is my hope that some quality players can be added in the off-season to help make this team much tougher next year."

Sixteen new inductees were enshrined in the MSM-UMR Athletic Hall-of-Fame during ceremonies held on campus Saturday, Oct. 29.

The newest group of inductees were honored at a brunch that morning, then introduced at halftime ceremonies during the UMR-Lincoln University football game. All eleven living honorees were in attendance. Five others were inducted posthumously.

"We are proud of this year's group of inductees," said UMR Athletic Director Billy Key. "It is exciting to see this project continue to grow."

Last season was the initial year for inductions, with 11 individuals honored in 1987. Members are chosen by a selection committee consisting of six members, at least three of whom are alumni letterman and another who is a current tenured faculty member at UMR. To be eligible for selection, athletes must have completed their eligibility at MSM/UMR ten or more years ago.

The Hall-of-Fame Room which pays tribute to the inductees is located on the ground floor of the Gale Bullman Multipurpose Building. Visitors are welcome.

The newest Hall-of-Fame members (1988) are:

#### Frank C. Appleyard, '37

Frank was the star tackle for the Miners from 1933 to 1936. He was co-captain and all conference and started every game for three seasons. Professionally, Frank retired as vice president for technical services, U.S. Gypsum. He now lives in Tubac, Arizona.

#### Carroll Parker "Punch" Bennett '54

"Punch" was a football four-year letterman and was all-league in 1952 and 1953. He is now a district maintenance and traffic engineer for the Missouri Highway and Transportation Department. He lives in Sikeston, Mo.

#### Edwin J. Bohn, '21 (Posthumously)

Ed lettered in football, track and basketball from 1917 to 1920 and was captain of the basketball squad in 1919-20. He died shortly after a sports injury incurred in a November 1920 game against Warrensburg.

#### Thomas W. Cooper, '60

Tom was a football three-year letterman and team captain in 1959. His career 118 points still remains as one of the Miner's best. Tom is maintenance superintendent for Be-Mac Transport and currently lives in Florissant, Mo.

#### Paul O. Fullop, '48 (Posthumously)

Although Paul's education was interrupted by World War II, he was nevertheless all league in 1941 and 1946 and captain of the 1947 gridiron squad. He was a mining engineer and became a partner in Eastern Petroleum Co. Paul died as the result of a plane crash in 1952.

#### Edward L. Hanstein, '71

Ed lettered in football four years (first-team MIAA linebacker for three seasons), was a star track performer for the Miners, and president of the "M" club. He is now a product engineer, fertilizer systems for Automation Products Inc. Ed lives in Ballwin, Mo.

#### Robert C. Lange, '37

Bob earned eight letters in basketball and track. He served as captain of the 1936-37 basketball team and set a school high jump record that stood for many years. After a career in the lumber and hardware business, he retired as Chairman of the Board of the Frank B. Powell Lumber Co. of Rolla.

#### Elton A. Miller, '17 (Posthumously)

Elton lettered each of his four years in football and baseball. He also made the 1912-1913 basketball team and was awarded his ninth letter.

#### James R. Nevin, '17 (Posthumously)

Nevin not only starred in football, basketball and baseball from 1914 to 1917, but captained all three sports. He took over the football captain duty after fellow Hall-of-Famer "Jack" Imlay was injured in 1916.

#### Larry J. Oliver, '70

Larry was a football four-year letterman and was captain of the 1969 team. His career 157 points remains as one of the school's best. Larry lives in Ellisville, Mo. and is a project engineer for Sverdrup Corp.

#### Richard E. Peters, '73

This four-year basketball letterman was an all-league pick twice. His 1267 career scoring record stood until the mid '80s. Rick is now chief structural engineer for Sverdrup Corp. and lives in Jacksonville, Fla.

#### Franklin B. Rogers, '41

Frank was a football guard standout, playing in every game from 1937 to 1940. He was an all MIAA and AP first-team performer in 1940 and was selected as a member of the Missouri Collegiate All-Stars. Frank is president of F. Rogers Consulting, in St. Louis.

#### Norman J. Schuchman, '63

A transfer student, Norm was all-league in basketball in 1962 and 1963. His 988 points rank him as one of the school's alltime leading scorers. Norm is president of Suntouched and lives in Pensacola, Fla.

#### Otis H. Taylor, '42

Otis was a track and football standout for the Miners from '36 to '40. He was an account executive for Goodyear until his retirement in 1984. He lives in Herrin, Ill.

#### Harry R. Thornton '36 (Posthumously)

Harry was a Miner standout quarterback from 1929-31 and was all conference and all state in 1930 and captain of the all-league all-star team in '31. After graduation in '36 Harry was employed as a civil engineer for the City of Chicago for all of his professional career. He died in January, 1973.

#### James C. Wilson, '40

Jim lettered in three sports from 1936-39. He was captain of the basketball and football teams and was all conference end in 1938. Jim worked his entire career in the coal industry. In 1978 he became a self-employed coal mining consultant. He now resides in Hilton Head Island, South Carolina.



Left to Right - Front Row: Carroll Bennett; Mary Ann Schaumberg (daughter of Elton Miller), Otis Taylor, Bob Lange. Back Row: Franklin Rogers, Joe P. Fullop (son of Paul Fullop), James Wilson, Frank Appleyard, Larry Oliver, Norm Schuchman, Thomas Cooper and Ed Hanstein.

University Theater

UM-Rolla's University Theatre-UMR presented Ayn Rand's "Night of January 16th" at the Cedar Street Center, 7th and Cedar streets, in November.

Margie Boston, UMR associate professor of drama and music, was the play's director, designer and producer.

According to Boston, "Night of January 16th" is a courtroom drama that has lighter moments.

"The brilliant, beautiful and powerful Karen Andre is on trial for the murder of Bjorn Faulkner, her business partner and companion. Faulkner is described as an international financier, spectacularly audacious in his lifestyle and in financial maneuvers," Boston explained.

"A jury of volunteers selected from the audience decided Karen Andre's fate. Their verdict was based on the testimony they heard from the defendant and witnesses," added Boston.

Audience members were given information about volunteering for the jury and how the jury was to be selected when they entered the auditorium on the night of the performance.

All but one of the play's 18 characters were performed by UMR students. The technical assistants, with the exception of the accent coach, also were UMR students.

ITE Receives Award

The UMR student chapter of the Institute of Transportation Engineers (ITE) has been selected the outstanding student chapter in the Missouri Valley Section of the Institute of Transportation Engineers (MOVITE) and as the outstanding student chapter in District IV for 1987 - 88.

According to Charles E. Dare, UMR professor of civil engineering and faculty adviser for UMR's ITE student chapter, UMR's chapter was chosen outstanding student chapter for activities completed during the 1987-88 school year and for the student chapter report that was prepared by the students.

Dare added that Steve Packard was primarily responsible for preparing the student chapter report. "Steve drove to Rolla on three occasions right after he graduated from UMR just to help finalize the report," Dare said.

Packard, who received his B.S. degree in civil engineering at UMR in 1987, currently serves with the St. Louis County Department of Public Works.

MOVITE is made up of member states including Arkansas, Iowa, Kansas, Missouri, Nebraska and Oklahoma.

UMR's National Ranking

UMR ranks ninth in the nation in bachelor's degrees granted in engineering, according to a survey in a recent issue of "Engineering Education," the journal of the American Society for Engineering Education.

UM-Rolla awarded 887 bachelor's degrees in engineering in 1987. UMR also ranked ninth in the survey in 1986 and seventh in the survey in 1985.

The survey was conducted by the Engineering Manpower Commission of the American Association of Engineering Societies. The survey reports data from all colleges and universities awarding bachelor's degrees or higher in engineering in the U.S. The survey has been conducted annually for 20 years.

Universities in the top 10 and their respective rankings are: Texas A&M, first; Penn State University, second; Purdue University, third; University of Illinois, fourth; Ohio State University, fifth; Georgia Tech, sixth; Virginia Polytechnic Institute, seventh; North Carolina State, eighth; UMR, ninth; and University of Michigan, tenth.

According to Dr. Myron Parry, UMR Registrar, the total number of degrees granted by UMR currently exceeds 40,000 students. "As of May, 1988, UMR has granted 40,123 total undergraduate and graduate degrees," Parry said.

Parry explained that of this total, 34,500 were in the Schools of Engineering and Mines and Metallurgy. He added that UMR exceeded 20,000 degrees granted in June, 1972 and 30,000 in July, 1981.

Agreement with Lincoln

Lincoln University and UMR recently formalized a pre-engineering agreement between the two schools.

The agreement allows pre-engineering students to take their first two years of college at Lincoln and then transfer their courses to UMR to complete their engineering degree.

For Lincoln, the agreement will allow Mid-Missouri pre-engineering students to stay at home the first two years of college while taking courses directly related to their degree program. For UMR, the agreement will provide a new pool of engineering students from the Mid-Missouri area.

UMR has a total of 44 similar agreements with both junior colleges and four-year colleges or universities not offering engineering degrees. Of this total, seven are with schools in Illinois. Arkansas, Kansas and Kentucky have two such agreements each and the other 31 UMR two-year pre-engineering programs are with schools in Missouri.

Banks Scholarship

Robert L. Banks, Phillips Petroleum research associate (retired) of Bartlesville, Okla. has made a gift to UMR to establish a scholarship fund for chemical engineering students. His gift has been matched by the Phillips Petroleum Co. Interest from the endowed fund will be used for the scholarship award.

The name of the new scholarship will be the Robert L. Banks Scholarship in Chemical Engineering. Juniors and seniors in chemical engineering at UMR will be eligible for the scholarship and selection will be made by the department's scholarship committee. It is anticipated that the first Banks Scholarship will be awarded in the fall of 1989.

Banks, who received his B.S. degree in chemical engineering from the Rolla campus in 1944, was co-discoverer of a catalyst to make crystalline polypropylene and high-density polyethylene. The process, registered under the name Phillips Marlex, is used to produce about one-third of the world's supply of high-density polyethylene. Banks holds or co-holds 65 U.S. patents and more than 140 patents in 26 foreign countries.

He received a professional degree, chemical engineer, from UMR in 1976 and a doctor of engineering degree (honoris causa) from UMR in 1988.

UMR To Participate In Federal Loan Program

UMR has received a continuation grant from the U.S. Department of Education to participate in the Income Contingent Loan Program (ICLP) during the 1988-89 academic year. The ICLP offers loans to students at market rates with a flexible payment schedule tied to the borrower's income.

UMR, which is one of the 10 college and universities nationwide that will participate in the program, will receive \$255,389.

Students could be able to borrow up to \$2,500 for each of the first two years of undergraduate study, up to \$3,500 for the third year and up to \$4,500 for each of the subsequent years of undergraduate study.

The interest rate, adjusted annually, will be based on the average 91-day treasury bill rate plus 3 percent. Students will start repaying the loan nine months after graduating or leaving school. Repayments will not exceed 12 percent of the borrower's income.

This is the second year the U.S. Department of Education has issued the loans and the second year UMR has participated.

For further information on the ICLP, contact the office of Student Financial Aid at UMR.

Chancellor's Scholarships

UMR has established the Chancellor's Scholarship Program, a competitive scholarship program open to students who are Missouri residents and are eligible for the Missouri Higher Education Academic Scholarship Program (also known as the "Bright Flight Program") and the Curators' Scholarship.

To be eligible, students also must meet the requirements for admission to UMR.

The Chancellor's Scholarship (\$3,000), when added to the Curators' Scholarship (variable amount) and the "Bright Flight" Scholarship (\$2,000), will provide "full-ride" financial support equal to the expenses calculated by UMR for a student carrying a full course load and living in University-recognized housing for an academic year.

Students receiving the scholarship are not restricted as to choice of an academic major.

Eligible students will be interviewed by a selection committee which will recommend those selected for the award to the UMR Student Financial Aid Committee.

According to UMR Chancellor Martin C. Jischke, this scholarship program will help ensure that bright Missouri students have access to a quality education.

"It is crucial that we continue to educate our outstanding students," Jischke said. "They will play a pivotal role in determining the future of Missouri and America, and we must prepare them for the positions of leadership they will occupy."

Dr. John T. Park, UMR vice chancellor for academic affairs, said that this scholarship program is designed to attract additional top-ranked students to UMR.

"Scholarship programs based on academic performance have a great impact on the campus," Park said. "The overall quality of the student body is enhanced by the enrollment of students who are ranked at the very top of their classes."

The chancellor's Scholarship is renewable. The conditions for renewability are the same as those for the Curators' Scholarship.

Recipients of the Chancellor's Scholarship are eligible for renewal as long as they are classified as undergraduate students, maintain the required minimum cumulative grade-point average, remain continuously enrolled at UMR as full-time students (10-semester limit), and, if required, declare, in a timely manner, their intention to re-enroll.

Interested students may obtain an application form or more information from the Admissions Office, 102 Parker Hall, University of Missouri-Rolla, Rolla, Mo. 65401-0249, phone 314-341-4164.



## Faculty Activities

### Assistant Director Named

Lelia Flagg, '60, an MSM graduate in civil engineering, has been appointed an assistant director of admissions at UMR.

"Lelia's knowledge of UMR and her education and experience in engineering will be helpful in her work with prospective students," said Robert B. Lewis, director of admissions at UMR.

Flagg also received a master's degree in civil engineering from the University of California, Berkeley.

Previously, she taught at the UMR Engineering Education Center (formerly the Graduate Engineering Center) on the campus of the University of Missouri-St. Louis. Flagg also has worked for the state of California with the Bureau of Sanitary Engineering in Berkeley, the California Department of Water Resources and Structural Design, the Illinois Division of Highways, the East-West Gateway Coordinating Council for the metropolitan St. Louis area, and the Southwest Illinois Area Metropolitan Planning Commission in Collinsville.

"I am glad to be back at UMR. My experiences in obtaining an education on this campus were rewarding, and I look forward to telling others about the advantages of receiving an education here," said Flagg.

Her family includes two daughters, ages 10 and 11, and three sons, age 14, 16 and 18.

### Bohley to Govern MLA

Ronald G. Bohley, director of Library and Learning Resources at UMR, was elected vice president/president-elect of the Missouri Library Association at its fall meeting in Springfield.

His term as vice president is effective until the 1989 annual MLA conference. At that time, he will become president.

The MLA is a membership organization with more than 700 members from public, school, college and university and special libraries.

Bohley also is president of the Missouri Library Network Corp., a not-for-profit corporation in St. Louis, which provides automated products and services to more than 100 libraries in Missouri and surrounding states.

### Faculty Promotions And Tenure

The names of faculty members who were promoted, granted tenure, or both for the 1988-89 academic year, have been announced by UMR.

Those faculty who received promotions and were granted tenure are: Dr. Lokesh R. Dharani, associate professor of engineering mechanics; Dr. Whang-Zong "Ben" Wu, associate professor of engineering mechanics; Dr. Marian

Mazurkiewicz, associate professor mining engineering; and Dr. Daopu Numbere, associate professor of petroleum engineering.

Those faculty who were granted tenure are: Dr. Harvest L. Collier, assistant professor of chemistry; Dr. Michael R. Van de Mark, associate professor of chemistry; and Dr. Ralph W. Wilkerson, associate professor of computer science.

Those tenured faculty members who were promoted are: Dr. Ronald Kellogg, professor of psychology; Dr. Nancy Marlin, professor of psychology; Dr. S.V. Rao, professor of electrical engineering; Dr. John Watson, professor of metallurgical engineering; and Dr. Ronald Kohser, professor of metallurgical engineering.

### Three Receive Smith Awards

Dr. Sema Alptekin, assistant professor of engineering management at UMR; and Dr. Raymond M. Kluczny, UMR associate professor of engineering management, are recipients of 1988 Edward A. Smith Faculty Research Awards.

The Edward A. Smith Faculty Research Awards were established at UMR in 1982 in recognition of the late Edward A. Smith, who was a member of the UMR class of 1924. Smith was honored with the professional degree of management engineer at UMR in 1972. He served as chairman of the UMR Development Council from 1973 through 1975 and was a founding member of the Order of the Golden Shillelagh. He was chairman of the board of Service Drilling Co. of Tulsa and owner of EASCO, an oil producing company in Oklahoma.

According to Dr. Yildirim Omurtag, chairman and professor of engineering management at UMR, Alptekin was cited "for her efforts in developing the department's production and manufacturing laboratories for research and teaching."

Daily was cited "for his extremely successful undergraduate advising, directing honors student research projects and developing and directing a graduate course in applied engineering management which has resulted in these and refereed publications."

Kluczny was cited "for his contributions to strengthening UMR's graduate program in engineering management and directing it towards quality research and directing a number of completed Ph.D. dissertations and M.S. theses."

### Harlan Anderson Named Curators' Professor

Dr. Harlan U. Anderson, professor of ceramic engineering at UMR, was named a University of Missouri Curators' Professor of ceramic engineering at the November UM Board of Curators meeting.

The professorship is awarded to outstanding scholars with established reputations in their professions. Anderson, who is also director of the UMR Institute for Electronic Material Processing and Characterization (IEMPC), is an internationally recognized researcher and authority on the subject of ceramic electronic materials.

UMR Chancellor Martin C. Jischke said, "Dr. Anderson's contributions in the field of ceramic electronic materials have brought renown not only to him but also to UMR."

"This distinct honor will further recognize Dr. Anderson for his many accomplishments and bring added prestige to the department of ceramic engineering and to the group of researchers working with him in the IEMPC," Jischke said.

Dr. Don Warner, UMR dean of the School of Mines and Metallurgy, said, "Designation as a Curators' Professor is the highest academic honor available to a University of Missouri faculty member and it recognizes the cumulative record of scholarly accomplishments that have made him a leader in his field."

Anderson has directed a Basic Energy Science Program for the Department of Energy (DOE) since 1980.

The program has established a research effort in the area of high temperature conducting oxides which is leading to the development of new technologies and applications such as high temperature solid oxide fuel cells and the development of materials which have the ability act as radar absorbers-the so-called "stealth" technology.

Anderson received a B.S. degree in ceramic engineering from the University of Utah and a Ph.D. in engineering science from the University of California-Berkeley.

He joined the UMR faculty in 1970 as an assistant professor of ceramic engineering and was later promoted to associate professor and professor of ceramic engineering.



Harlan V. Anderson



D. C. Jackling



V. H. McNutt

## UMR Alumni Named To Mining Hall-of-Fame

UMR alumni Daniel C. Jackling, '92, '03, '33, and Vachel H. McNutt, '10, '12, '15, were among the first 25 persons to be inducted into the National Mining Hall of Fame and Museum in Leadville, Colo.

"The induction of Jackling and McNutt into the Mining Hall of Fame is a significant recognition of the major roles that these men and the Missouri School of Mines and Metallurgy played in the development of America's mining industry," said Dr. Don L. Warner, dean of the UMR School of Mines and Metallurgy and a member of the Mining Hall of Fame Board of Trustees.

Jackling was cited for revolutionizing the world's copper industry by developing the first financially feasible method for extracting copper from low-grade copper sulphide ores, which contained as little as 1 percent of metallic copper. It has been estimated that Jackling's accomplishments

increased the world's supply of copper approximately sixfold.

McNutt was honored by the Hall of Fame as the discoverer of the first commercial deposits of potash in the Western Hemisphere. His discovery, which was made while he was prospecting for oil in New Mexico, ended America's dependence on imported sources of potash, a commodity whose importance is due to its widespread use in the fertilizer industry.

The National Mining Hall of Fame and Museum seeks to perpetuate the memory of leaders in the mining industry; provide an atmosphere, meeting place and organization for international mining symposia; recapture the spirit of pioneer mining; and maintain a repository for documents, reports and similar items for the education of future mining students.



### "JOE MINER" LIMITED EDITION PRINTS

A new series of "Joe Miner" lithographs has just been completed by UMR-Rolla's centralized printing department.

The prints are 16" x 20", full-color—with particular fidelity in the color printing—and were produced on heavy-weight neutral pH paper made from 100 percent cotton fiber. Each print is numbered and there are only 1,000 available. The artist is Harry Sparling who was employed by UMR in 1969.

Cost of each print is \$75. All profits from the Limited Edition Series will be used to establish a campus scholarship fund.

The standard "Joe Miner" print—8" x 10" in color—is available also at a cost of \$12.50 each. Order forms are below.

ORDER FORM		Amount Enclosed
(Please print or type)		
Quantity		
_____	"Joe Miner" Limited Edition Prints at \$75 each	_____
	Shipping and handling at \$5 per print	_____
_____	"Joe Miner" print(s) 8" x 10" at \$12.50 each <small>(This offering is not part of the limited edition series. Price includes shipping &amp; handling.)</small>	_____
May be paid by Check, MasterCard or VISA.		Total _____
Make checks payable to UMR.		
Credit Card Name _____	Check Enclosed <input type="checkbox"/>	
Credit Card Holder _____		
Credit Card Number _____	Signature _____	
Expiration Date _____ Bank No. _____	(For Credit Card Orders)	

Shipping Address		
Name _____	_____	_____
<small>Last</small>	<small>First</small>	<small>MI</small>
Street Address, Box or Route _____		
City _____	State _____	Zip _____
Phone (____) _____		
AC _____		
FOR OFFICE USE ONLY		
Date Shipped _____		

Address orders to:  
University of Missouri-Rolla  
Office of Centralized Printing  
Bldg. T-11 West  
Rolla, MO 65401-0249

#### Terms and Conditions

Remember, \$60 per limited edition print sold will be used in a scholarship fund to aid meritorious students in achieving their educational goals, and is tax deductible.  
Since the total number of prints in the limited edition series is one thousand it is recommended that orders be placed without delay. All orders will be numbered sequentially in the order received and will be filled on a first-come first-served basis. Orders will be filled commencing with the smallest number available. No request for a particular number will be considered.  
All orders are subject to availability and any claims resulting from shipping error, misunderstanding or other cause incidental to an order will be limited to the initial purchase price. Please allow 4-6 weeks for delivery.

# Alumni Personals

## 1917

**William Henry Kamp** died eight years ago, according to a message from his wife, Helen Kamp, 115 Tulsa Drive, Rogers, AR 72756. At MSM William was a member of Sigma Nu, Pipe and Bowl Club, was an associate editor of the Rollamo and served as Captain of the baseball team, earning an "M" in baseball and participating in track. Following graduation he became a 2nd lieutenant in the Army Air Service during World War I, and after the war, earned the professional degree, engineer and mines, from MSM in 1921. He worked for Ralston-Purina Co. in Kansas City, Mo. until 1961 (serving as general superintendent) then moved to Mel Miller & Co. where he served until his retirement in 1969. He was a former president of the Kansas City Section of the MSM Alumni Association.

## 1921

A report has been received by the alumni office of the death, in December 1986, of **Hyman Isador Albert**. Hyman received his B.S. degree in mining engineering and, following graduation, spent some years in the oil business in Tampico, Mexico. Nothing more was heard from him until the office received word of his retirement, in 1984, and the fact that he lived in Chicago Heights, Ill.

## 1925

The death of **Donald Robert Baker** on Nov. 14, 1988, has been reported to the alumni office. At MSM Don was a member of Pi Kappa Alpha, Tau Beta Pi, Theta Tau, Square & Compass, the Missouri Miner, MSM Players and Dynamiters. He received his B.S. degree in mining engineering. His early career was involved in the oil business in Texas and Oklahoma. He joined The Marley Co. in Kansas City, Mo., and retired from the company as manager of research and development in 1965. He continued to work on research projects for the company and in 1984 published a book, *Cooling Tower Performance*, (reviewed by *MSM Alumnus* in August, 1985). He is survived by his wife, Vera Baker, 1800 W. Smith St., Blue Springs, MO 64015, a son and a daughter.



**Lunging, a student tries to tackle his opponent in flag football - - 1988 Rollamo**

**George W. Gaines** writes: "We moved to a senior citizens' retirement home May, 1987." George and Ethel now live at 4141 S. Braeswood, Houston, TX 77025.

## 1927

**Ernest "Pokey" Moran's** home address is P.O. Box 374, Miami, OK 74355.

## 1928

**Edward C. Faulkner** is retired from Faulkner Construction Co. He and Barbara live at 1611 Yorkshire, Birmingham, MI 48009.

**Gerald A. Roberts'** home address is 1301 Briarwood Drive, El Dorado, AR 71730. Gerald is retired from Monsanto.

## 1929

**Frederick W. Hoertel Jr.** died July 30, 1988. At MSM Fred was a member of Independents, Square and Compass and AIMME. He received his B.S. degree in metallurgical engineering, and the professional degree, chemical engineer, from MSM in 1934. Following graduation Fred worked for R.W. Hunt & Co., Consulting Engineers, and for the City Testing Laboratory in St. Louis. In 1935 he returned to Rolla to work for the U. S. Bureau of Mines. He retired in 1966 as a supervisory research metallurgist after making several significant contributions in metallurgical research. Fred was active in Rolla civic affairs, also. He served 10 years on the Rolla City Council and 23 years on the Phelps County Regional Medical Center Board (both elective posts). He is survived by his wife, Julia, 1216 Soest Road, Rolla, MO 65401; a son, Bill, of St. James; and two grandchildren.



**Koinoia gave away over 600 cups of hot chocolate during their give away day - - 1988 Rollamo**

Notice of the death of **Donald H. Krause Sr.** has been received from the Kansas City Section. Donald, who lived in Prairie Village, Kan., had attended MSM and was a member of Pi Kappa Alpha fraternity.

**Francis (Frank) A. McCurdy** died on Aug. 21, 1988, according to a note from his wife, Virginia McCurdy, 10200 W. Maple, B-309, Wichita, KS 67209. At MSM Frank was a member of DeMolay, Quo Vadis and Bonanza. He received his B.S. degree in chemical engineering. His career was spent with Socony Vacuum Oil Co., then with Mobil Oil Co. According to Mrs. McCurdy, Frank had attended his 50th reunion here in Rolla and "he was always happy to a Miner."

## 1932

**Edwin O. Crawford** writes: "Writing weekly column for local newspaper, playing golf, bowling, bingo and keeping cool in sunny Florida." Edwin lives at 10840 SW 89 Court, Ocala, FL 32676.

## 1933

**Walter H. Braun** writes: "I have finally retired at age 75 and am enjoying golf and winters in Florida and spending some time with our children and grandchildren." Walter's home address is 1508 Raintree, Malvern, PA 19355.

## 1936

A note from his wife, 4390 Sulla Drive, Florissant, MO 63033, reports the death of **Arthur Louis Worseck**. At MSM Arthur was a member of Lambda Chi Alpha, the Rifle Club, ROTC and the Officers Club. He received his B.S. degree in civil engineering. His career was spent as an hydraulic engineer with the U.S. Corps of Engineers, primarily with the St. Louis district.

## 1937

**Gilbert L. Crowell** of 411 Palmbark St., Vista, CA 92083 writes: "Completed building expansion ( 2 1/2 X ) for Tomahawk cruise missile production; finished storage magazine (handling system is one-of-a-kind in all the world) for same project; busily engaged in production improvements to facilitate operations (1988 activities)." Gil is a facilities engineer (FIRLO) for General Dynamics/Convair of San Diego, Calif.

**Walter L. Holz** writes: "We have moved to Monterey, Calif. Our children live in California and, with five grandkids, just had to be close to watch them grow up. Come visit us...Wally and Helen." The Holz address is 400 Mar Vista #2, Monterey, CA 93940.

## Class of 1939

### 50-Year Golden Reunion

May 12-14, 1989

in Rolla

## 1939

**Max L. Yeater** reports: "Working half time and consulting while "toe-dipping" retirement waters. I may need swimming lessons from the grandchildren." Max is the executive officer, engineering, and professor emeritus, nuclear engineering, at Rensselaer Polytechnic Institute in Troy, N.Y. He and Virginia live at 1319 Valencia Road, Schenectady, NY 12309.

## Alumni Personals

### FOUND

At the October 22 reception in the Adams Mark Hotel, St. Louis: One camera case or camera accessory case. Please contact Lindsay Bagnall at the alumni office, (314)341-6327, to claim it.

### 1940

**George E. Fort** writes: "Graduated in 1940 with a B.S. in mining engineering (petroleum option). In 1967 I received the degree, honorary petroleum engineer. Worked 18 1/2 years with major company, including three years in the Army Air Force. I have been a consulting engineer for 30 years and I am now preparing for semi retirement. I attended Homecoming in 1988." George is senior partner with Fort & Miller. He may be reached at his business address, Fort & Miller, 1384 C First National Center, Oklahoma City, OK 73102.

**Ronald August "Gus" Schaller**, died in September, 1988, according to a notice from **Bob Klug**, '40, Colonial Park Route 7, Lebanon, MO 65536. At MSM Gus was president of Theta Kappa Phi (now Phi Kappa Theta), president of IFC, secretary of the St. Pat's Board, played football, was a member of Student Council, Intramural Athletic Committee, and the Dance Date Committee. He received his B.S. degree in civil engineering. Following graduation, he worked for Presstite Engineering Co. in St. Louis, the State Board of Health in Jefferson City, and was a member of the U.S. Navy during World War II. After the war, he continued to work with the State Board of Health in Monett and Springfield until establishing his own business, R.A. Schaller Construction Co. in Monett in the early 1960s. According to Bob Klug, he is survived by his wife, daughter and two sons, who are presently attending UMR.

Notice of the death of **Lewis Edgar Sears** on Oct. 26, 1988, has been received from his wife, Barbara Sears, Box, 308, Leon, KS 67074. At MSM Lewis was a member of Triangle fraternity and served as a student assistant in the mining department. He received his B.S. degree in mining engineering. Following graduation he worked in the insurance industry, was in the service during World War II, and worked in the mining industry until becoming editor and publisher of the Leon News, a position he continued to hold until his death.



1987 Pi Kappa Alpha Christmas decorations -- 1988 Rollamo

Notice of the death of **Huey Summers** on Aug. 19, 1988, a victim of Alzheimers disease, has been received from his wife, Blanche T. Summers, 4339 Carlyle Way, #91, Mobile, AL 36609. At MSM Huey was secretary of the Glider Club, a member of Engineers Club and Shamrock Club and a student assistant in metallurgical engineering. He received his B.S. degree in metallurgical engineering. Following graduation he worked for Wright Aeronautical throughout World War II, moved to Rivers Construction Co. in Granite City Ill., then joined the U. S. Corps of Engineers, where he served as a construction engineer at various locations until his retirement in 1976.

### 1941

**Washington Adams**, who is retired, writes: "**Bob Schoenthaler**, '41, and I got together for a two-man camping run from Texas up to the Columbia ice fields of Canada. (Great trip, especially in August.)" Wash and Ruth live at 713 Parkview, Richardson, TX 75080

Notice has been received of the death, on Aug. 25, 1988, of **Ernest Carl Sell**. He transferred to MSM in 1939 from the Wisconsin Mining School and received his B.S. degree in mining engineering. According to alumni records, he spent most of his career as a highway engineer for the U.S. Department of Transportation, Bureau of Public Roads.

Notice has been received of the death of **Earl Leroy Smoot** on Sept. 29, 1988. At MSM Earl was a member of Phi Kappa Phi, Tau Beta Pi, the Shamrock Club, vice chairman of ASME and earned first honors at graduation. He received his B.S. degree in mechanical engineering, spending most of his career as a research engineer for Cooper-Bessemer Corp., Mt. Vernon, Ohio. He retired in 1985.



Class of 1942 Planning Committee -- Left Right - Front Row: Bob Pohl, Dickie Hill, Bob Brackbill. Back Row: Cay Brackbill, Sally Krueger, Bill Hill, Doris Pohl, Harold Krueger.

### Class of 1942 Starts A New Tradition

During the partying hours of the Class of '42's 45th reunion at Homecoming in October 1987, those in attendance agreed to meet annually at a resort facility. The purpose was to continue to reestablish collegiate friendships, relive our Rolla days, share our experiences since graduation and to make plans for the entire class of '42 to be present for the 50th reunion. In addition, annual physical activities were to include tennis, golf, swimming, fishing, dining, partying, and/or just goofing off.

It was recognized to wait five years to come together to celebrate and share the joy of being with classmates again was not statistically prudent at this point in life's curve. To maximize our capabilities in participating in the

'42 Class fellowship it was resolved to assemble annually.

1988 was a first for the Class of '42. The self-appointed '42 Class Annual Reunion Committee--Bob Brackbill, Bill Hill, Harold Krueger and Bob Pohl, with their wives Kay, Dickie, Sally and Doris--gathered in August at the Broadmoor in Colorado Springs, Colorado, for a week of golf, tennis, sight-seeing, dining, Bill Hill's comedy revue, and partying. Sickness and cancellations limited the group's size.

The 1989 Class of '42's second annual traditional reunion will be held April 20-26, 1989, at Longboat Key Club, Longboat Key, Florida. Contact Bob Pohl (area code 314 882-1637) for additional information. By Bob Pohl, '42

**James J. Springer** writes: "Still enjoying good health, retirement, and lots of golf!" Jim is retired from the Public Service Company of Colorado. He and June live at 952 S. Las Lomas Circle, Green Valley, AZ 85614.

### 1943

**William R. Anderson** writes: "I have found retirement rather hard to take so am working part time consulting." Bill's home address is 1638 Vickers Drive, Colorado Springs, CO 80918.

**E. Harvey Barnett** writes: "I am a research associate specializing in experimental design and process optimization in the central (corporate) laboratories of Corning Glass Works. I am retired from Monsanto where I was head of the statistics group in the J.F. Queeny plant." Harvey's address is Route 1, Del. 255, Elmira, NY 14903.

### 1942

**John C. Allen**, '42, '47, reports: "Am returning to Burma to continue work started three years ago in shrimp and fish culture. Project is financed under a \$20 million Asian Development Bank Loan. Will be in Burma two more years building shrimp farms and hatcheries." John is team leader Aquacultural Engineering, Aquatic Farms. His present address is 1164 Bishop St. Suite 1608, Honolulu, HI 96813.

**Donald J. Coolidge** writes: "Had a wonderful time in Rolla Oct. 7-8 at the 45th reunion of 1943 class at Homecoming. The old school is looking good...keep on turning out 'the best engineers in the U.S.'...We are proud of MSM (UMR, too)!" Don is a retired architect. His home address is Box 1720, Wasilla, AK 99687.

## Alumni Personals

### 1943 continued

**John Herman "Jack" Doerres** died Jan. 6, 1988, according to notice from his wife, Dorris Doerres, 906 Country Club Road, Schofield WI 54476. Jack received his B.S. degree in civil engineering and joined the U.S. Navy. Following World War II, he worked for Horner & Shifrin, Consulting Engineers, St. Louis; Great Lakes Carbon Corp., Kansas City; Butler Manufacturing Co., and Wausau Construction Co., Wausau, Wis. At the time of his death he was president of Designed Structures in Schofield, Wis., a business he began in the late 70s or early 1980s.

### 1944

**Peter E. DesJardins** of 2941 La Monta, Springfield, MO 65804, writes: "I am now retired in Springfield after many years working in Louisiana. I have been looking for a place east of Springfield where, during student days, Dr. Sam Ellison led us to a field where many pyritized fossils were eroding out of a black shale on the surface. Anyone remember?"

**Fred E. Nevin**, '44, '49, writes: "I'm enjoying my grandchildren and hobbies. Am active in Lions and model airplanes club. Re-experiencing the fun of fishing-after 50 years. Still in love with the same girl, my best friend and wife, Hazel." Fred and Hazel live at 12-A Eisenhower, Jacksonville, IL 62650.

### 1945

**Austin B. Clayton** reports the following: "Retired in June, 1973 from LeHigh Portland Cement Co. I have been a member of the American Institute of Mining Engineers since 1934 and now am a Legion of Honor member. In 1946 **Julian Fuller**, '42, '46, was also a graduate student at Rolla. That spring our third child (and first daughter), Audrey, was born at the Waynesville (Mo.) Hospital. Now we have three sons and three daughters and 10 grandkids (5 boys and 5 girls). Elva and I celebrated 50 years of marriage by a trip to one continent and four Pacific islands in 1987 (Australia, Tahiti, New Zealand, Fiji, and Hawaii)." The Claytons live at 909 E. Hawthorne Ave., Colville, WA 99114.

**Robert P. Connett** reports: "Keep busy on my computer and with photography. Don't know how I ever had time to go to work. Travel two to three months every year." Bob is retired from USG Corp. His home address is 196 Crestview, Abingdon, VA 24210.

### 1947

The death of **Harry Gilliland**, in 1972, has been reported to the alumni office. At MSM Harry was on the Board of Control for Independents, was a member of Tech Club, vice president of the sophomore class, sports editor for the Missouri Miner, a member of AIME, ASM, Student Council and the Engineers Club. He also served as a student assistant in metallurgical engineering. He received his B.S. degree in metallurgical engineering. He began his career with Wiconsin Steel in Chicago then moved to General Motors. He became chief metallurgist, process development staff, General Motors Technical Center in Detroit.

**William P. McKinnell Jr.** writes: "William P. McKinnell Jr., Class of 1947, is retired as research director of Marathon Oil Company. He is now special adviser for West HASMAT Corp., environmental contractors, located in Englewood, Colo." Bill and Marilyn's home address in 730 Front Range Road, Littleton, CO 80120.

### 1948

**Maurice H. Ellis** writes: "Maury Ellis retired in Jan '87. Has spent time on a church building project, some golfing and has taken up small craft sailing. Address is 8075 Farmingdale Road, Germantown, TN 38138."

**Theodore R. Howell** reports: "Completed work career, after two years in Navy Pacific Theater, with A.P. Green Refractories, on March 1, 1988--including sales engineering and management. Plan on staying right here beside the golf course in Mexico, Missouri with my wife, Mary." Ted and Mary's home address is 2807 Greenridge Court, Mexico, MO 65265.

**Albert G. McGuire Jr.** writes: "Presently pastoring two small interdenominational churches here in Utah. 'Civil engineering' practice is pretty much limited to helping the churches and the state youth camp with maintenance and modification projects! The camp is in dire need of a new bridge over the North Fork of the Ogden River so I may have to get out my timber engineering handbook." Ed lives at 364 Aircraft Ave., Layton UT 84041.

**Harold G. Moe** informs the Alumnus that: "I am trying to retire but have not been too successful." Harold lives at 1819 Rose Hill Road, #11, Reynoldsburg, OH 43068. He is vice president of Ahlers-Moe and Associates Inc., of Canal Winchester, Ohio.

### 1949

**Charles W. Bennett** writes: "Moved from Brentwood to the 17th fairway of the Bernardo Heights Country Club in Rancho Bernardo. There are seven 18-hole golf courses within 10 minutes of my new residence." Charles lives now at 12171 Royal Lytham Row, San Diego, CA 92128.

**Coy L. Breuer** retired Sept. 1, 1988, from the Missouri Highway and Transportation Department Construction Division. Coy had been with MHTD for 41 years. Coy's address is 2708 Garden View, Jefferson City, MO 65101.

**Charles C. Davidson** writes: "Working in volunteer ministry as an associate pastor for Calvary Baptist Church in Joplin, Mo." Davidson, who is retired, lives at 2425 Ohio, Joplin, MO 64808.

**James N. Lambe** writes: "Dottie and I have been retired for five years in Tucson and we both love it. We are still active in AIME (for me) and WAIME (for her). We have very active units here." Jim is retired from Asarco. He and Dottie live at 6240 Camino Pimeria Alta, Tucson, AZ 85718.

**Calvin M. Ochs**, retired from Cheesebrough-Ponds, is presently serving as a member of the Public Advocacy Review Board, and the Professional Engineers in Industry Executive Board, NSPE. Calvin's home address is 1304 Bello Paseo Court, Jefferson City, MO 65101.

**Landon C. Viles** reports: "We had fun biking across Holland in April with 18 other Elderhostlers." Landon and his wife, Virginia, live at 10128 Matchlock Drive, Orlando, FL 32821.

**William Weismantel** writes: "I can help UMR grads who would like to study urban and regional planning at the University of Florida for a career in public works, environmental planning, or land development in sunny Florida." William lives at 4004 NW 13th Place, Gainesville, FL 32605. Professor Weismantel's office telephone number is 904-392-0998.

### 1950

**Clark H. Benson** writes: "There are some University of Missouri-Rolla people here in Ridgecrest. We just moved here from Tucson to be with our relatives. Hope we keep getting news from you." Clark's new address is 404 Veda Ave., Ridgecrest, CA 93555.

**Robert L. Bloome** reports: "Bob and Sybil Bloome just returned from a trip to Pascagoula, Miss. Bob went deep-sea fishing with his brother-in-law and caught a 15 lb bonita and got very sea sick but, they had a nice visit with Barbara and Butch and ate some delicious southern 'Cajun' cooking." Bob and Sybil live at 915 Whitmore St., Anderson, IN 46012. Bob is retired.

**Philip B. (Yo-Yo) Davidson** writes: "I retired eight years ago and enjoy every minute. Basically lazy! Golf, swim, travel and take naps." "Yo Yo" and his wife, Doreen, live at 3 Country Court, Wimberley, TX 75676.

**William W. Fahrenbach** writes: "Enjoy reading about school activities and continual progress in scholarships, grants, etc. for our future engineers. I am looking forward to my 40th in 1990 and renewing friendships from school at Rolla." Bill and Betty's address is 1985 Larson Drive, Rhinelander, WI 54501.



Dinner time at Sigma Xi - - - 1988 Rollamo



Army ROTC students wait on bus for trip to Fort Leonard Wood - - 1988 Rollamo

1950 continued

**W. R. Feltz** died Feb. 25, 1988, according to word received by the alumni office. At MSM he received his B.S. degree in mechanical engineering. His entire career was spent with Goodyear Tire & Rubber Co., in Ohio, North Carolina and Tennessee. He retired in 1987.

**Bennett D. Howell** writes: "Building a new home on the golf course at Siloam Springs, Ark." Bennett is a self employed engineering consultant. He and Daisye live at 63 St. Andrews Drive, Siloam Springs, AR 72761.

**Chester Edward Miller** died Aug. 12, 1988, as the result of a heart attack, according to word from his wife, Kay Miller, 2304 Flora St., San Luis Obsipo, CA 93401. After serving in the U.S. Army Air Force during World War II, Chester received his B.S. degree in mining engineering and went to work for U.S.G.S. in Rolla. In 1952 he was recalled to active duty with the U.S. Air Force and continued to serve through Viet Nam, retiring in 1972.

Word has been received of the death of **John James Needham** (son of **Albert B. Needham**, '21, Edina, Minn.). At MSM John was a member of the ROTC Band, Missouri Academy of Science, AIChE, Tau Beta Pi, C.L. Dake Geological Society, Phi Kappa Phi, Tau Beta Pi, ROTC and Physics Ferreters. He was a student assistant in the drawing department and made the honor roll seven times. He received his B.S. degree in geology. He began his career in the oil business in this country and in Canada. Since 1965 he has been head of the mathematics department of the Northern Alberta Technological Institute in Edmonton, Alberta, Canada. He is survived by his wife, Madeline, 10744 43rd St., Edmonton, Alberta Canada T6A V4, 21.

**Bob Settgas** writes: "Lorraine and I continue to ride our bicycles. We toured through Holland again, this time with the elderhostel group. It's a wonderful way to get to see the country and meet the people. You ought to try it! P.S. We cycled just under 640 KM (that's almost 400 miles)." Bob and Lorraine's home address is 950 Quanal Court, Kirkwood, MO 63122. Bob is retired from the Sverdrup Corp.

**Luther Phillip Snyder Jr.** died Sept. 7, 1988, according to a note from his wife, Rebecca Gibson Snyder, 215 Kanauha Ave., Dunbar, WV 25064. At MSM Phillip was a member of ASCE and a student assistant in the civil engineering department. He received his B.S. degree in civil engineering. During the early 1950s he worked for the City of Memphis, Tenn. and in the construction division of E.I. Du Pont de Nemours & Co. He then joined the U.S. Department of Housing and Urban Development and was chief of the housing management bureau of that agency at the time of his death.

**William Weinstein** of 30 Whittake Crescent, Willowdale, Ont. M2K 1KB, Canada, writes: "Chairman-Sandford Fleming Foundation (involved in extending and enriching engineering education); chairman, executive committee--Foundation for International Training (3rd world development); director, Toronto Transit Consultants Ltd. (transit operations consultation). Still in love with Marilyn, wife of 36 years, three happily married children and three grandchildren; enjoy swinging golf clubs--occasionally making contact."

1951

Notice of the death, on Dec. 17, 1984, of **Donald Eugene Anderson** has been received from his wife, 413 N. Church, Richland Center, WI 53581. Donald transferred to MSM from the Wisconsin Institute of Technology in 1950. At MSM he was a member of the American Foundrymen's Society and AIME. He received his B.S. degree in mining engineering. The alumni office has no information on his career.

**Antonio P. Ballestero Jr.** writes: "Retired September 1988. Am sitting back, relaxing. Doing a little traveling and enjoying grandchildren." Antonio lives at 371 Anthony Road, King of Prussia, PA 19406.

**Donald A. Coben**, who is retired, reports his new address is 5440 N. Ocean Drive, Singer Island, FL 33404 and writes: "I am now living on Singer Island, Fla., sitting on the ocean. The only thing east of us is England. I have been working for the past few years on improving my tennis backhand and am finally seeing some improvement."

**Gilbert L. Crowell** writes: "We finished a large munitions storage magazine incorporating one-of-a-kind handling system, storing four high containers weighing 6000 lbs. each--credit Nova Industries, Oklahoma City, Okla." Gil's home address is 411 Palmbark St., Vista, CA 92083. He is a senior facilities engineer (field) for General Dynamics/Convair Division in San Diego, Calif.

**Ervin (Erv) E. Dunn**, whose mailing address is 309 E. Osceola St., Stuart, FL 34994, writes: "Dickie and I are currently sailing on our 44-foot cutter in the Caribbean. Been living on board one year now and we both are enjoying the cruising life. Beautiful water, quiet anchorages and meeting many other cruisers like ourselves. These islands are very interesting--it's a great life."

**William S. Harper**, project engineer for Church & Dwight, writes: "Nice vacation to Florida this summer--helped the kids move to Miami and then visited our mothers in Clearwater and St. Petersburg." Bill and Jane's home address is 1333 McKinley Ave., Rock Springs, WY 82901.

**Edgar M. Lancaster** writes: "After 31 years of service with the Missouri Highway and Transportation Department, I have decided to practice retirement in lieu of engineering. The field is wide open and I believe I can handle the challenge." Ed's home address is 1406 Major Drive, Jefferson City, MO 65101.

1952

**Francis S. Basler** writes "Keep up the good work." Francis lives at 7817 Clymer Drive, St. Louis, MO 63123. He is president of A-M Construction Co.

**Guy C. Ellison** writes: "Friends, Come See!" Guy is president of Ellison Oil Co. His home address is 113 Teche Drive, Lafayette, LA 70503.

**John P. Zedalis** reports: "Still busy in so-called retirement, working as an international engineering consultant, specializing in forensic engineering in the transportation field, contract claims and arbitration. Currently on assignment as an arbitrator with the Court of Arbitration, International Chamber of Commerce (Paris) representing the Ministry of Works and Communications, Republic of Gambia. John and Bernice's home address is 8723 Gateshead Road, Alexandria, VA 22309.

1953

**John R. Seipel Jr.** writes: "Still enjoying retirement (semi). Use a consulting firm on occasion to keep gears from corroding, primarily by precision testing underground tanks and lines at service stations. Still playing golf and some tennis in order to keep from buying longer belts." John is president of Seipel and Associates. His home address is 2325 Cypress Drive (LCC), Pawley Island, SC 29585.

**Dewell Jwen Thrall** is deceased according to word from **Henry M. Cole**, '53, 436 Rosewood, Republic, MO 65738. At MSM Dewell was member of the Rifle Club, SAME, the varsity rifle squad, Tech club and the American Road Builders Association. He received his B.S. degree in civil engineering. The alumni office has no record of his professional career.

1954



Joe E. Gray

**Joe E. Gray** reports the following from Singapore: "I was elected to the board of directors, Bell Helicopter Asia in July. We are responsible for sales and service from India through New Zealand and everything in between. Edie and I have been in Singapore 15 months now. Looking forward to being in Rolla for my 35th in '89. Our address is still #02-01 25 Orange Grove Road, Singapore 1025."

## Alumni Personals

### 1955

**Joseph G. Bushko** retired Sept. 1 as assistant for transportation, Missouri Highway and Transportation Department. Joe began his career with the department in 1953 as an engineering inspector in the St. Louis area. Joe and Rosemary live at 1901 Allen Drive, Jefferson City, MO 65101.

**David E. Nothstine** reports: "I left the job of deputy general manager on the F-15 aircraft program in June of 1988 to take over the job of vice president of quality assurance at McDonnell Aircraft Co. I had spent 20 years on the F-15 from its inception through the first delivery of the fifth model, in a number of engineering design and management functions." Dave's home address is 314 Oriole Drive, St. Charles, MO 63301

### 1956

**Michael G. Mahoney** has been named assistant division engineer for the Missouri Highway and Transportation Department Construction Division. Mike's home address in 1020 Roseridge Circle, Jefferson City, MO 65101.

**Michael H. Vallez** writes: "My wife, Sonia, and I together with some of our eight children, are really enjoying our new home in Springfield. I have returned to Missouri because of my job with Associated Electric Co-op. Inc., as their director of fuels and mining, after 16 years mining in Chile and Venezuela and 12 years mining in Appalachia." Mike and Sonia and the family live at 4538 Roanoke Ave., Springfield, MO 65801.

### 1957

**Robert L. Biddulph** would like to express his thanks to the geology-geophysics personnel for providing him with unsolicited information concerning job listings. He also said to say "hello" to Dick Hagni with whom he shared a number of petrology classes in 1956-57 under Drs. Bethke and Paul Proctor. Robert is a chemist for U.S. Customs Laboratory in Chicago, and lives at 2720 W. Greenleaf, Chicago, IL 60645.

**Charles W. Fowlkes**, '57, '59, reports: "I have been 'self-unemployed' for 13 years. For about eight years I had grants to do a variety of solar energy measurement and equipment monitoring experiments. I developed and refined instrumentation to do this. I now manufacture and sell portable data acquisition systems to university and government labs and utilities doing building energy monitoring experiments." Charles is the owner of Fowlkes Engineering. His home and business address is 31 Gardner Park Drive, Bozeman, MT 59715.

### 1958

**Wayne T. Anderson**, retired from Exxon, writes: "Enjoying retirement." Wayne and Betty live at 1802 White Feather Trail, Crosby, TX 77532.

**George E. Franke** writes: "I completed 30 years with the department of highways of the Commonwealth of Kentucky. I also completed 30 years with the U.S. Army Reserve. Am presently assigned as deputy division engineer in the Vicksburg Division of the Corps of Engineers in an individual mobilization asset (IMA) position." George's address is 1208 Miami Trail, Frankfort, KY 40601.

The MSM-UMR alumni office has received word that the new address for **Thomas E. Light** is USAED--Japan, Box 25, APO San Francisco, CA 96343-0061. Thomas has been transferred to Camp Zama for a three-year tour with the U.S. Corps of Engineers.

**Paul R. Munger**, '58 '61, was the program speaker at an engineering seminar "Ethical Dilemmas in Engineering Practice," hosted by Iowa State University on Nov. 17-18. Paul's topic was the Kansas City Hyatt-Regency Hotel Walkway failure and the difficulties faced by ethical review boards in examining ethical violations. Paul can be contacted at Box 682, UMR, Rolla, MO 65401.

**Robert J. Smuland** reported that he would be in the Far East and would not be able to attend his 30th class reunion. Bob is the vice president and general manager, General Electric, Marine and Industrial Engines Service Division in Cincinnati. Bob's home address in 3633 Vineyard Ridge, Cincinnati, OH 45241.

### 1960

**Gary Allen Bagby** died Sept 24, 1988 according to notices received by the alumni office. At MSM Gary served on the Rollamo Board and was a member of the Fifty Miners Club. Following graduation he became a mechanical engineer with Phillips Petroleum in Bartlesville, Okla. He is survived by his wife, Nadyne (Smith) Bagby, 5624 Baylor Drive, Bartlesville, OK 74003, and two sons.



Two students pass clubs to each other by the University Center - - 1988 Rollamo

**Bruce L. Bramfitt**, '60, '62, '66, was elected a Fellow of ASM International. Bruce is a research fellow at Bethlehem Steel Corp's Homer Research Laboratories. He was honored for "outstanding research contributions in the areas of ferrous phase transformations and deformation processing, and for technological innovations in a wide range of steel products." Bruce and Joan live at 16 Pleasant Drive, Route 7, Bethlehem, PA 18015.

**Ronald I Romano** writes. "Married to Lolita A. and have two sons, Ron, 17, and Ryan, 16." Ron is the president of Kankakee Scrap Metal Corp. He and the family live at 7 Windsor Court, Bourbonnais, IL 60914.

### 1961

**S. Mitchell Bowers** writes: "I transferred to a position as administrative assistant to the plant manager, 12-79, within the same organization. My duties are to work as a shop foreman, supervising manufacture of coal-drying centrifuges." He is with Centrifugal and Mechanical Industries. Mitch lives at 6828 W. Park Ave., St. Louis, MO 63139.

**Lloyd E. Brunkhorst**, '61, '63, has been named vice president--research and engineering for Brown Shoe Co., a member of Brown Group Inc. Lloyd's home address is 1571 Mason Knoll Road, St. Louis, MO 63131.

**Frederick R. Cunha** writes: "I am semi-retired and selling real estate, to supplement my income, with Mori and Perkins Realtors in Sonoma, Calif. I am also the Grand Knight for the Valley of the Moon, Knights of Columbus, Sonoma Council 7951." Fritz lives at 776 Juniper Court, Sonoma, CA 95476.

**Charles F. Hollenbeck**, with the Corps of Engineers in Seattle writes: "The past four years I have spent half the time as on-site representative for the EPA at several superfund clean-up projects." Charles' home address is 9415 NE 25th, Bellevue, WA 98004.

**Glen E. Mueller** reports: "Glen E. Mueller has been named vice-president/general manager, of Hillsboro Glass Co., a wholly owned company of Hiram Walker. Two hundred-thirty tons of glass is manufactured into four hundred thousand whiskey bottles daily. Glen and his wife, Jane, have six children. Gary, their fifth, is a junior at UMR. Glenn is one of five brothers graduating from MSM-UMR." The Mueller's address is 63 Westwood Ave., Hillsboro, IL 62049.

Word has been received of the death, in November 1988, of **Ronald P. Prothero**. Ron received his B.S. in civil engineering from MSM. A career officer in the U.S. Army (he retired in 1976), Ron also held degrees in chemistry from Carnegie Mellon University and in education from Memphis State University. Following his retirement from the Army, he became maintenance supervisor for the Memphis City School System.

**Joseph F. Waddell** writes: "I am enjoying my retirement from the Corps of Army Engineers on my 70 acres--about 30 miles south of Tulsa, Okla." Waddell's home was destroyed by fire in April, 1987. His present home address is Route 2, Haskell, OK 74436.

**Roger C. Weber** writes: "In 1988 I was promoted to GM-15, department director of programs, DCS-Engineering and Services of the headquarters Military Airlift Command." Roger's home address is 633 Harvard, Edwardsville, IL 62025.

## Alumni Personals

### 1962

**William S. Stokely** has been appointed chief engineer of the Florida East Coast Railway. The new position follows more than 26 years in the engineering department of the Illinois Central Railroad in Chicago. Bill and his family live at 2818 Village Grove Drive South, Jacksonville, FL 32257.

### 1963

**John H. Anderson** writes: "Sorry, we won't be there for Homecoming--celebrating our 35th wedding anniversary in Hawaii. It has been planned for a long time. We'll try for next Homecoming." John's address is 368 School Road, Novato, CA 94945.

**Wayne Balsman**, '63, '64, reports: "Accepted a new position that has me busy working on new food processing plants. Two girls in college and a boy following, keeps the checkbook empty." Wayne is director-instrumentation and control for A. Epstein. He and the family live at 6208 Hidden Oak Drive, Crystal Lake, IL 60012.

**Donald R. Kaiser** of 2423 Wind River Road, El Cajon, CA 92020, writes: "1980-88, (current position) chief engineer of Helix Water District located in the east county area of San Diego, Calif. The district serves domestic water to 1/4 of a million customers over a 50-mile service area. 1987-88, served as a national president of the Institute of Water Resources of the American Public Works Association. Active in ASCE, APWA and AWWA."

**Raymond Lasmanis** sends the following information: "Raymond Lasmanis has served as chair of Washington Nuclear Waste Board planning task force and has recently been appointed to the Radioactive and Chemical Defense Waste Committee." Ray and Josephine's address is #155, 910 Sleater-Kinney, S.E., Lacey, WA 98503. He is state geologist and manager of the geology and earth resources division of the Department of Natural Resources, Olympia, WA.



Acacia shows off new house by Schumann Park -- 1988 Rollamo

**Narendra M. Naiknimbalkar** has been transferred to the environmental division as a principal engineer within the Westinghouse organization at Richland, Wash. Narendra and Magdalena live at 424 Shoreline Court, Richland, WA 99352.

### 1964

**Rumi N. "Nicholas" Mazda** died Sept. 20, 1988, according to a note from E.H. Barnett, '43. At MSM Rumi was a member of Independents, Campus Club, the India Association, International Fellowship and AIChE. He received his B.S. degree in chemical engineering. He was a graduate assistant in the chemical engineering department at the University of Rhode Island and in 1967 began working for the Corning Glass Works in Central Falls, RI. He was a project engineer for Corning Glass in Corning, N.Y. He is survived by his wife, Carolyn McEntee Mazda, 2686 Woodside Drive, Route 1, Elmira, N.Y. 14903, a daughter, Christine, and son, Mark.

### 1965

**James L. Butler** reports "I received my CFP (certified financial planner) designation in June. Our business incorporated in January and is going very well. Diane and I have reacquainted ourselves with St. Louis and now feel 'at home'. Our oldest son, Tim, will be 21 next month and is in school at Akron University. Jeff, 16, and Julie, 15 are attending Linbergh High School in south St. Louis County." Jim is the president of Butler Associates, Inc. He and Diane and family live at 4573 Bridlewood Terrace, St. Louis, MO 63128.

**William Franklin** writes: "My daughter, Wendy, a senior at Parkway South High School, is planning to pursue a career in engineering. She participated this summer in the week-long engineering program at Rolla for High School juniors and seniors, and she thoroughly enjoyed it. My wife, Diane, is a full-time nurse at Carmen Trails School. My son, Todd, is a freshman at Parkway South High School and is playing football. My business is in its seventh year and growing. We recently moved into new offices." The Franklin's home address is 733 Country Heights Court, Manchester, MO 63021. William's new business address is President, Rotating Process Machines Inc., 13610 Barrett Office Drive, Manchester, MO 63021.

**D. Franklin Geiger Jr.** reports that his oldest daughter, Julie, 15, works for KJAB Christian Radio Station while Susan, 11, and Jana, 10 attend St. Brendons School. Frank manages several apartments and Geiger Appliance. The Geiger's reside at 222 E. Monroe, Mexico, MO 65265.

**Robert L. Otto**, '65, '75, '79, writes: "Recently promoted to Colonel in Texas Army National Guard. Present assignment: chief, Training Site Support Branch, Unit: State Area Command." Bob lives at 3808 Saddlehead Drive, Plano, TX 75075.

**Larry V. Rankin** writes: "On Jan. 1, 1988, I was promoted to senior vice president of Betz Laboratories Inc., with responsibilities for European and international marketing as well as production distribution, corporate engineering and corporate marketing communications. Both children are now in college and we are adjusting to the 'empty nest.'" Larry and Rebecca live at 11 Old Nursery Way, Furlong, PA 18925.

### 1966

**William F. Davis** writes: "In 1982, I sold my motorcycle rear suspension patent to Harley Davidson, who is marketing it under the name 'Softail.' They are doing very well with it and the royalties are nice too! At Teknar Inc. I design medical diagnostic ultrasound scanning probes primarily for the ophthalmic and urological fields. I recently moved and am enjoying my log home and lake near Hillsboro, Mo." Bill's home address is now 5049 Glade Chapel Road, Hillsboro, MO 63050.

**Nicholas H. Tibbs**, '66, '69, '72, was recently promoted to professor at Southeast Missouri State University in Cape Girardeau. Nicholas is chairperson of the department of earth sciences. His home address is Route 1 Box 95, Jackson, MO 63755.

**Raymond J. Walts** writes: "We have recently moved into a new location and a new job. We love the mountains." Raymond's new job is project engineer for the U.S. Soil Conservation Service in Roosevelt, Utah, and his new home address is 714 South 2100 West, Vernal, UT 84078. They moved to Utah from Nebraska.

**Franklin B.W. Woodbury** was installed as president of the Virginia Society of Professional Engineers on June 25, 1988. He is employed as a division staff engineer for mineral and materials research for the U.S. Department of the Interior, Bureau of Mines. Franklin's home address is 2801 Park Center, #A1603, Alexandria, VA 22302.

### 1967

**William E. DeLashmit** writes: "I am now a self-employed real estate broker and counselor. After 15 years of marriage, Mary and I had our first child, a boy, born Sept. 16, 1988. Little William Lamar DeLashmit will be UMR Class of 2010!" The DeLashmits live at Route 2, Box 349B, Plymouth, NH 03264.

**Gary F. Sievert** reports: "My younger son, Steve, is now attending UMR. He is in his second year, majoring in engineering management. My older son, Greg, will graduate in June from the University of Tulsa with a BSME. My wife, Nancy, will be continuing her master's degree (M.B.A.) at the University of Houston in January." Gary is a manager of safety and technique for Dowell Schlumberger. The Sievert family lives at 20110 Tilstock Drive, Katy, TX 77450.

### 1968

**Charles S. Bach Jr.**, '68, '70, reports: "Poepping, Stone, Bach and Assoc. was awarded the outstanding civil engineering achievement award for the St. Louis Section of the American Society of Civil Engineers for our participation as part of the design team on the Quincy Bayview Bridge over the Mississippi River. Other firms involved were Booker of St. Louis and Modjeski and Masters of Pennsylvania." Charles' home address is 4029 Holiday Drive, Quincy, IL 62301.



## Alumni Personals

### 1968 continued

**Suzanne Renee Black** writes, "Greeting from sunny Florida! Well, the launch of the space shuttle Discovery, was more beautiful and exciting than ever could be imagined! I was fortunate to be involved in both the launch here and the landing at NASA Dryden in California. Discovery is the vehicle I am assigned to for working the thermal protection system (shuttle tiles, etc.). We're back in space! Keep looking up as 'Atlantis' is scheduled to launch before Christmas! I really love my job! Thanks to all my AE instructors and friends for that 'extra push' so I could be here today." Suzanne resides at 5807 N. Atlantic Ave., Cape Canaveral, FL 32920.

**Melvin Sundemeyer**, former district operations engineer for the Kansas City area became director of the Transportation Division of the Missouri Highway and Transportation Department on Sept. 1. He has been with MHTD for 19 years. Mel's home address is 2325 Yorktown Drive, Jefferson City, MO 65101.

**Joseph R. Hughlett** has been named manager, CWD 27 quality assurance, Ford of Europe Inc. The appointment was effective Aug. 1. Joe and Rita Kay and their children live at Ubier Strasse 24, D-5300 Bonn 2 (Bad Godesberg), Germany, Federal Republic.

**James Michael "Mike" Savage** died Oct. 29, 1988, following an apparent heart attack, according to a notice from his sister. Mike attended MSM-UMR from 1963 through 1969. He served four years in the U.S. Navy. He had worked for Farmland Industries and at the time of his death, he had been employed 7 1/2 years at Union Texas Petroleum in Spring, Texas. He is survived by his wife, Cynthia Carolyn (Denny) Savage, two children, his parents and two sisters, Romney Shipley and Wendy Peterson, P.O. Box 5, Liberal, MO 64762.

**Dennis W. Schroll** of 1527 Benson Drive, Dayton, OH 45406, writes: "Dennis W. Schroll has been the senior life support engineer at Wright-Patterson AFB, Ohio, for seven years out of eighteen years at the same base. He has been involved in special studies to develop the molecular sieve oxygen generation system for the B-1B and initiated the positive pressure breathing program to improve high protection for F-16 fighter pilots. This has been successfully demonstrated by flight testing."

**Dennis P. Shea** writes: "Promoted to senior engineering specialist with responsibility for corporate water treatment consultation and design, Monsanto Co." The Sheas reside at 4422 Leonetti Lane, Dickinson, TX 77539.

**Byron Taylor** is still with the Arabian American Oil Co. His address is P.O. Box 1054, Ras Tannra, Saudi Arabia.



**John E. Meece**

**John E. Meece** has been named division vice president--manufacturing operations for E-Systems ECI Division in St. Petersburg, Fla. John had been director of manufacturing. John's home address is 1348 51st Ave., NE, St. Petersburg, FL 33703.

**Ronald W. Schuster** has recently been promoted to operations manager of the Ceco Corp. of Chicago. Ronald and Betty's home address is 2321 University Court, Naperville, IL 60565.

### 1969

**Donald W. Bourne** has written: "Don, Maureen, and their two children (Scott, 16, and Christine, 15) have returned to St. Louis after five years in Clearwater, Fla. Don is senior vice-president with McCarthy Construction Co. and is currently responsible for the \$120 million restoration of the St. Louis Public Schools." Don and his family live at 603 Westledge Court, St. Louis, MO 63131.

**Lynn Degenhardt** has been named head of the electrical engineering department at the Oak Ridge National Laboratory in Oak Ridge, Tenn. Lynn, Vicki and daughter live at 121 Connors Drive, Oak Ridge, TN 37830.



The flag is raised in front of the library during Veteran's Day celebration - - 1988 Rollamo

### 1970

**Ronald L. Habegger**, '70, '73, writes: "After almost 12 years with the City of Springfield, Ill. as city traffic manager, I have taken a position with the Washington, D.C. Metropolitan Area Transit Authority as manager, parking management branch." Ron's new home address is 1804 N. Quinn St., Apt. 109, Arlington, VA 22209.

**Leslie A. Hoeckelman** '70, '75, writes: "I turned 40 and was surprised with a party. My wife, Bonnie, also contacted many of the Rolla friends and they called to wish me happy birthday. They were: Jim Walk, '70; Robert Reuter, '70; Dave Matoesian, '70; William Knickmeyer, '70; Ray Wildhaber, '71; and I still hear from Charles Huebner, '70; Tom Zenge, '69 and Bill Arbogast, '69." Les is primary technical specialist engineer for McDonnell Douglas. Les and Bonnie live at 509 Duchesne Drive, O'Fallon, MO 63366.

**Walter G. Johannpeter**, '70, '73, writes: "I own a hobby shop in Russellville, Mo. Would appreciate hearing from old friends with money!" Walter's shop is Adler Model & Diorama, P.O. Box 129, Russellville, MO 65074-0129, Phone 314-782-4682. Walter is the regional coordinator for the Missouri Division of Design and Construction. His home address is Route 1, Box 227, Russellville, MO 65074.

**David L. Raby**, '70, '73, writes: "Dot, the girls and I are back in Colorado. We are enjoying it and are getting ready for ski season." Dave is the director, loss prevention/risk management for CH2M/Hill. Dave, Dot and the girls' home address is 6621 N. Village Road, Parker, CO 80134.

### 1971

The death of **Gareth J. Bozzay** last April has been reported by his mother, Mrs. H.G. Bozzay, 439 Brooktree Drive, Ballwin, MO 63011. She reports he died after a long struggle with Lou Gehrig's disease. Gareth received his B.S. degree in computer science from UMR in 1971 and a master's degree in the same field in 1972. The alumni office has no record of his professional career.

**Roger Clemons** writes: "Just a quick note to say 'Hi'. I've been in Chicago for nearly two years now and it's beginning to feel like home. I was recently promoted to vice president and regional engineering manager with Allendale Insurance which is keeping me busy. Most of my spare time (and money) is spent working on an 1885 Victorian house I bought when I moved here." Rogers home address is 31 South 6th Ave., La Grange, IL 60525.

**Sal Gazioglu** has been named manager of Dames & Moore's new Dallas area office. Sal, a specialist in geophysics and hazardous waste management, had been project manager in Dames & Moore's Houston office. Sal and family live at 7301 Elmer Drive, Plano, TX 75025.

**James A. Klotz** writes: "I recently moved from Yabucoa, P.R. to Columbia, Tenn. I have the same job function." John is manager--quality control engineering department at Union Carbide Corp. Jim and Sylvia live at Route 6, Box 83-B, Columbia, TN 38401.

### 1972

**Brett L. Hanke**, '72, '84 of 2145 Cleveland, Granite City, IL 62040, writes: "My son, James Lee Hanke, is currently enrolled at Rolla and living in the KA house. I have passed Illinois Class I Wastewater Treatment Plant Operator License Test." Brett is an associate engineer with Saugat Sanitary Development and Resources Association in Saugat, Ill.

**James A. Mulligan III** writes: "I received the Dallas Geological Society's 'Professional Service Award' for 1988. I am now actively delineating multiple gas-condensate reservoirs in a Yegua (Eocene age) delta-front clastic complex. Now if the domestic oil and gas industry can get some economic relief, I might still be in business by 1990. Anybody out there with any sensible suggestions?" Jim is vice president of LaRue, Moore & Schafer, Inc. His home address is 1902 Columbia Drive, Richardson, TX 75081.

**Paul N. Pantelis** writes: "Wife, Katina and children, Christina, 9, and Petros, 7 are well. After serving as an assistant in Lowell, Mass. for the past year, we're being assigned to our own small parish in Bangor, Maine effective Nov. 1, '88. Welcome to any alumni and friends way up here in the upper northeast." Paul's new address is Parish Priest, St. George Greek Orthodox Church, 90 Sanford St., Bangor, ME 04401.

## Alumni Personals



With opponent's arms flying, the ball goes up during intramural basketball - - 1988 Rollamo

### 1973

**Clarence "Monte" Miller III** writes: "I thoroughly enjoy my new assignment, developing proposals for aircraft and aircraft related technology." Monte is a marketing manager for McDonnell Aircraft Co. He and Andrea live at 4004 Emerald Drive, St. Charles, MO 63303.

**J. Scott Patterson Jr.**, '73, '74, writes: "Recently changed employment to supervising civil engineer, City of Mill Valley, Calif. and am enjoying the new challenges. I miss autumn in the Ozarks." Scott lives at 3 Regent Court, Novato, CA 94947.

**Michael W. Peveler** writes: "I am married and have three daughters, Julie, 10, Lori, 8, and Holly, 2." Mike is project engineer for the Binkley Co. in Warrenton, Mo. He and his family live at 837 Stella St., Montgomery City, MO 63361.

### 1974

**John F. Black** was recently married to Lynne Lea Reed. The Blacks now reside at Route 5, Box 51, Marshfield, MO 65706. John also graduated from the University of Missouri-Columbia School of Law and is a partner with the law firm of Ellis, King, Ellis & Black in Springfield, MO.

**Michael J. Miller** writes: "Major Mike Miller, alias, Boots, is hating staff work at the Pentagon, wishes he were back flying jets, loves the Air Force, hates the pay, hopes to make general, doubts he will, loves his family and is proud to announce the arrival of his third child." Mike and his family live at 7312 Sterling Grove Drive, Springfield, VA 22150.

**Robert L. Queathem** writes: "I was promoted to director of projects at Casco Corp., (an architectural/engineering firm) about six months ago. I am in charge of four project managers and responsible for 45 commercial construction projects. No change at home--Rosie, Tom, 3 1/2, Dan, 2, Liz, 1, and I are all doing well." Tom, Rosie and family live at #1 Kentbrooke Court, Ballwin, MO 63021.

**Charles L. Raab** writes: "I recently was promoted to the position of assistant manager, line maintenance, Division of the Water and Pollution Control Departments, City of Kansas City, Missouri." Charles' home address is 6311 E. 102nd St., Kansas City, MO 64134.

**David J. Ruth** writes: "Started a new business in 1987 as a manufacturer's representative for companies selling to aluminum industry in the U.S. and overseas. Have not gotten rich or starved yet. I am having a very good time." David's home address is 108 Cypress Court, Downingtown, PA 19335. It's also the address for his company, Intertec Sales Corp.

**David A. Sager** writes: "Feb. 26 brought us our second son, Robert Warren. He joins Allan who turned three in August. Aside from all that goes with an infant and pre-schooler, we are enjoying a summer in St. Louis with trips to the local sites, etc. Dave is still at the fun-filled Ford factory and Cheryl continues her sabbatical from teaching to stay home with the boys." The Sagers live at 6732 Christina Marie Lane, Hazelwood, MO 63042.

**Ali A. Selim**, '74, '76, writes: "Beside my teaching and research responsibilities, I recently became director of the South Dakota Technology Transfer Center." Selim's home address is 217 Santee Pass, Brookings, SD 57006. He is professor of civil engineering at South Dakota State University.

**Mark S. Shankman** writes: "Mark is proud to announce his recent promotion to technical specialist in the logistics engineering department of McDonnell Aircraft Co." He and his wife, Marsha, live at 12163 McKelvey Road, Maryland Heights, MO 63043.

### 1975

**Jerome C. and JoAnn Brendel** now reside at 4148 Kettler, St. Louis, MO 63123. Jerome writes: "We recently moved to the above address. Our first child, a boy, Jason Michael Brendel, was born July 13, 1988 and weighed 7 lbs. 9 ozs."

**Myron D. Calkins**, director of public works for the city of Kansas City, MO, is presently serving as a member of the Government Advisory Group, NSPE. Myron's home address is 5003 N.W. 67th St., Kansas City, MO 64151.

**Barbara J. Clayton** reports that her husband, Ken, died on June 24, 1988. Barbara's address is 2111 E. Regency Place, Springfield MO 65804. Ken had been a newspaper editor for much of his career, but was public information official at Fort Leonard Wood while Barbara attended UMR.

**William K. Ernst Jr.** writes: "Son, William James, was born Oct. 28, 1986. Daughter, Laura Eileen, was born Jan. 20, 1988." William's home address is 220 Thoroughman Ave., St. Louis, MO 63135. He is superintendent for Bangert Brothers Construction Co.

**Stephen Kambol** writes: "I recently completed an assignment in central Sumatra administering a World Bank financed rural roads development program in Jambi Province. I expect to be either taking a new assignment in another part of Indonesia next or relocating to Taiwan to work on a railroad design project." Steve is senior civil engineer at Louis Berger International Inc. His home address is 210 David Street, #11, Carson City, NV 89706.



**Michael Kavanaugh**

Word has been received that **Michael F. Kavanaugh** has been appointed director of the new School of Engineering at Grand Valley State University, Allendale, Michigan. Kavanaugh lives at 708 Parkside Drive NW, Grand Rapids, MI 49504. He was formerly engineering professor and head of the engineering technology program at Lake Superior State University in Sault Ste. Marie, Mich.

**Thomas J. Mittler** writes: "We are adjusting to Sandi and Tammi driving. Debby is not far behind. Jan is teaching pre-school two days per week and continuing as a professional volunteer. Tom is just finishing a 250 mile pipeline project to provide feedstock to the Longview plant." The Mittlers' home address is 402 Delbrook, Longview, TX 75604. Tom is with Eastman Kodak-Texas Eastman.

**Edward W. Rodgers**, '75, '78, writes: "We are very pleased to announce the birth of our daughter, Renee Beth, on Sept. 25, 1988. She joins Jason, age 3." The Rodgers live at 573 W. 11th, Winner, SD 57580. Ed is engineering supervisor specialist for the South Dakota Department of Transportation.

**John L. Stellern** writes: "John is a principal engineer for TVA in Knoxville. Cathy (Cathern L. Dulin, '76) is now teaching high school math." The Stellerns live at 329 Seven Oaks Drive, Knoxville, TN 37922.

### 1976

**David J. Chambers** writes: "Connie and I are living in Colorado with two children, Marissa and Cassidy, age 4 and 2. I am working on an MBA at a local college while working for the city of Aurora as manager of street services." Dave and Connie's home address is 19052 E. Oxford Drive, Aurora, CO 80013.

**Michael A. DiNapoli**, '76, '78 writes: "Maryanne, Steven and I recently moved to Decatur, Ill. I'm working on a Sverdrup Corp. construction management project for the Sanitary District of Decatur involving a wastewater treatment plant expansion." The DiNapolis' new home address is 140 Hillcrest Blvd., Decatur, IL 62522.

**Charles A. Lane** reports: "Valerie and I have been married for eleven years and have three children. I have completed thirteen years of service with Texasgulf Minerals and Metals and now work near my old thesis area in Cripple Creek. I currently oversee the company's surface and underground mining activities in Cripple Creek." Charles and Valerie's home address is P.O. Box 5435, Woodland Park, CO 80866.

**Jae Yon Lee** writes: "I accepted a new job with Malcom Pirnie Inc. as a project engineer. I'll be working on the design of the Columbus Wastewater Treatment Plant upgrade." Lee's home address is 219 Brookhill Drive, Gahanna, OH 43230.

**Mark A. Marikos**, '76, '84, writes: "I am presently working on detailed geologic mapping of Pea Ridge Mine as part of USGS Olympic Dam project. It is great fun and a good opportunity... working closely with USGS, Stanford University and the Pea Ridge people. I would love to hear from any old 'Rock Jocks' or other friends." Mark's address is 11 Rolla Gardens, Rolla, MO 65401. He is a geologist with The Missouri Department of Natural Resources-Geological Survey.

## Alumni Personals



Paul Eloë, '77

**Paul Eloë, '77, '80**, associate professor in the department of mathematics at the University of Dayton (Ohio) has been presented the University of Dayton 1987-1988 Alumni Award for Scholarship. The award is presented to a faculty member for scholarship and research.

Paul joined the UD faculty in 1980 following receipt of his Ph.D. from UMR. Since that time he has published a total of 17 papers (10 within the past three years). These refereed publications all appear in prestigious journals such as the *Proceedings of the American Mathematical Society*, *The Rocky Mountain Journal of Mathematics* and the *Bulletin of the Canadian Mathematical Society*.

According to a UD publication, *Dimensions*, Paul's reputation for creative scholarship has reached

international proportions and "many find his work to be breaking new ground in the field which they can profitably develop in their own work." His field of specialization is differential equations and finite difference equations.

One of his peers at Auburn University writes that "the problems he has addressed indicate a breadth and daring not always found. His uses of monotonicity methods, degree theoretic methods and approximation theory methods encompass a spectrum. He has now entered into the area of boundary value problems for finite difference equations, an area in some sense in its infancy."

The UD magazine reports that Paul's colleagues testify to his major contributions to the research climate and the intellectual life of the department.

"Early in his career he established a weekly seminar in the department. This seminar continues to be a challenging contribution to the vitality of the department."

"Additionally, he serves as a role model for colleagues and students alike in the development of their research insights and skills. He has stimulated colleagues to co-authorship of papers and is tireless in his mentoring activity with students. He is always available to students for additional help and guidance. It can be said that his professional life as a scholar permeates all.

He is the son of Howard W. Eloë, director of development at UMR. This information was supplied by Dr. Glen Haddock, professor and acting chairman of mathematics and statistics at UMR.

### 1976 continued

**Gary W. Rhodes, '76, '78** reports: "I just joined Law Environmental as principal engineer in Atlanta, Ga. and will be moving after the first of the year. Still designing tunnels and I'm writing this on my way to Portland, Ore. to review feasibility report on extension of their transit system." Gary's current address is 1400 Woody Creek, Matthews, NC 28105.

**Larry Schwab** writes: "We are still in LaFayette with Staley. I was recently promoted to a new job as technical manager of process engineering team. The new job, new home and three small children are keeping us very busy." Larry and Phyllis live at 30 Redwood Court, LaFayette, IN 47904.

**Marc Smith** reports: "As of Sept. 29, 1988, I have a new son, Jonathan David." Marc is the information services director for Mallinckrodt Inc. He and his family live at 2373 Gateroyal Drive, Des Peres, MO 63131.

**Cathern L. Stellern** is now teaching math at the high school level according to word received from her husband, **John L. Stellern, '75**. The Stellerns live at 329 Seven Oaks Drive, Knoxville, TN 37922.

**David L. Sutton** writes that he is engaged to marry Julie Adamcek on April 8, 1989. The wedding will be in Cleveland, Ohio. Dave is a construction management consultant-claims-for the RV Buric Co. His home address is 170 Cleveland St., Chagrin Falls, OH 44022.

**James D. Wood, '76, '81**, has been selected as the "Young Engineer of the Year" by the Maryland Society of Professional Engineers (MSPE). In addition to UMR B.S. and M.S. degrees in chemical engineering, James holds an M.S. in environmental engineering from John Hopkins University, an M.S. in engineering management from Florida Institute of Technology and several specialty certifications. He is also active in numerous professional and technical societies. The Woods live at 3345 Deep Well Court, Abingdon, MD 21009. He is an environmental engineer with the U.S. Army Environmental Hygiene Agency at Aberdeen Proving Ground.



John Middendorf

**John R. Middendorf '77, '82**, has joined the staff of Murphy Co., Mechanical Contractors and Engineers, St. Louis as a senior project manager. John's home address is 46 Miraclair Drive, Florissant, MO 63031.

**John H. Northup III** moved to 51 Lotus Court, Lake Jackson, TX 77566. He is now manufacturing manager/plant manager with Mineral Research & Development Corp. in Freeport, Texas. His wife, Shara, is expecting a baby-due December 24.

'77 **Robert A. Riggs** writes: "On the rocks' with Chronic Fatigue Immune Dysfunction Syndrome. (sometimes called Epstein-Barr syndrome). I need a 'jump start' bad!! Bob's home address is 4757 Idaho St., San Diego, CA 92116.

**David L. Perry** writes: "I am working on a Ph.D. degree at the University of Arizona in Tucson. Oct. 22 marked a big day when I married Brenda Striegel. Our new address is 1780 N. Frances Blvd., Tucson, AZ 85712, telephone 602-327-9423. Best wishes to the Class of '77 and all MSM-UMR Alumni."

**Paul C. Schnoebelen III** writes: "New job and a new home! Best wishes to fellow alumni." Paul's new home address is 4848 W. Lake Harriet Parkway, Minneapolis, MN 55410 and his new job is director of corporate finance, for FBS Merchant Banking Group.

**Mark M. Sebree** writes: "Recently moved from Indianapolis to Terre Haute, Ind. I am manager of a new surface coal mining operation called Beech Coal Co., located at Clay City, Ind. Currently building a new house and hope to be in before winter." Mark's present address is 4351 S. 5th, Terre Haute, IN 47802.

**Nary J. Willet** reports: "Nary has been appointed the AT&T visiting professor at Tennessee State University. He is teaching computer science courses in software engineering, data base, C language, and project management. He resides with his wife, Carol and three children at 5250 Rustic Way Old Hickory, TN 37138."

### 1978

**Alan W. Green** writes: "On Nov. 1, 1988, I am returning to work for CBI Na-Con Inc., as a contracting engineer in their Houston office. Our new address is 6618 La Puente, Houston, TX 77083.

**Don and Janice (Touzinsky, '79) Heiskell** announce the birth of their second daughter, Veronica, in May. The Heiskell family lives at 10 Los Robles, Carmel Valley, CA 93924.

### CORRECTION

The October "Alumnus," on page 26, carried an item about Louis Gill Loos, '77, '82, at P.O. Box 9969. Actually, the name is **Louis George Loos II**, and the P.O. Box number is 9968. The "Alumnus" apologizes for the error.



1987 Triangle Christmas decorations -- before the fire -- 1988 Rollamo

1978 continued

**David K. Holland** writes: "Enjoyed Homecoming '88! Hope more alumni will be back in 1993!" Dave and his wife, Tina, live at 7611 Shirley Drive, Clayton, MO 63105. Dave is a process engineer for Anheuser Busch.

**David M. Levings**, of 206 Stanford Road, Lake Jackson, TX 77566, reports: "David M. Levings was recently elected grand master alchemist (national president) of Alpha Chi Sigma, professional chemistry fraternity." Mitch was initiated into the Beta Delta chapter of Alpha Chi Sigma while attending UMR and has held various national offices within the fraternity. He is a senior engineer in the testing and analysis division of Houston Lighting and Power Co.

**John P. Melcher** writes: "We have a 5 1/2 year old baby boy, Matthew John Melcher, born April 7, 1988." John lives at 59 Crestview Court, Geneseo, IL 61254. He works at the Illinois Dept. of Transportation.

**Russell M. Pearson** writes: "M.S.C.E. from California State University-Long Beach in 1988. I am now serving as resident engineer on an \$18 million, 500 MGD capacity ocean outfall booster station for Orange County Sanitation Districts, Huntington Beach, Calif." Russell lives at 14802 Newport Ave., #3-D, Tustin, CA 92680. He works for John Carollo Engineers of Fountain Valley, Calif.

**Robert J. Senwell**, '78, '86, writes: "Jan and I were married on August 12, 1988." Bob is an engineer with Union Electric. He and Jan live at 911 Summer Leaf Drive, St. Charles, MO 63303.

**Mark E. Seppelt** writes: "Promoted to Central Illinois Public Service Co.'s southern division office in Marion, Ill. effective Oct. 1, 1988. No forwarding address yet." Mark's home address is 245 Plover Quail Meadows, Chatham, IL 62629.

1979

**Nancy Arnold** reports: "Moved back to Houston after spending two years in Louisville, Ky. working for Humann. Decided to try the contracting world and I am presently contract programmer at Tenneco Gas Pipeline Group. I am happy to be back in Houston and would like to hear from UMR classmates. My new address is: 1415 Greens Parkway, #114, Houston, TX 77067, telephone 713-873-8428."

**Walter R. Bilgram** writes: "Romona, '80 and I are currently living in Wichita, Kan. We have two girls; Kristin, 4, and Calley, 1. I am a supervisor in industrial engineering at Cessna Aircraft." The Bilgrams live at 2947 Penstemon, Wichita, KS 67226.

**James A. Bush** writes: "Mary Pat, Jessica, Johnathon, and I recently relocated to a new house in Tulsa. Sugarland Oil Co. is continuing to drill for new resources - wish us luck. Hope everything is going well for the geological engineering department. Looking forward to seeing everyone at the 10-year homecoming in '89. Take care." The Bushs' new Tulsa address is 11019 South Richmond Ave., Tulsa, OK 74137.

**John F. Eash** writes: "I'm currently working as a lead engineer in the F-15 flight test department at McDonnell. Marie and I are doing fine. Our kids, Timmy, almost 5, and Christy, 1, are growing up fast. I'm nearly half way through the engineering management master's program at the UMR GEC." John, Marie and family live at 4622 Briargate Drive, St. Charles, MO 63303.

**Stephen P. Ford** writes: "I am on a temporary assignment to the Washington, D.C. area where we are constructing projects for the Washington Suburban Sanitary Commission and for the Fairfax County (Va.) Water Authority. After five years in Texas, I am looking forward to fall but not to winter." Stephen's home address is 706 Little Oak Drive, Austin, TX 78753. He is vice president, Garney Companies Inc.

**Thomas J. Hagale** writes: "On May 14, I was married to Kathleen McGlasson in Manhattan Beach, Calif. We now reside at 16402 Wishingwell Lane, Huntington Beach, CA 92647. I am senior engineer-flight test, mechanical systems-for the C-17 program. Katie is a subcontract negotiator for the T-45 program. We both work for McDonnell Douglas in Long Beach, Calif."

Notice has been received of the death of **Sue Marie (Maskill) Kavanaugh** on May 18, 1988. At UMR Sue was a member of Phi Eta Sigma, Omega Chi Epsilon and Little Sisters of Phi Kappa Theta. She received her B.S. degree in chemical engineering. Following graduation she worked for Texas Instruments and after her marriage worked as a staff project engineer--sym fuels--for Phillips Petroleum Co. in Richardson, Texas. She is survived by her husband, **Brian W. Kavanaugh**, '78, a project engineer with Texas Instruments, 2231 Big Bend, Carrollton, TX 75006.

**Joseph M. Kelly** reports: "I will have obtained my MBA from Southern Illinois University-Edwardsville by Nov. 20." Joe is a field engineer for Sohio-Old Ben Coal. His home address is 1326 Whisperway, Benton, IL 62812.

**Michael D. Stock** writes: "Mike and Regina have lived in Topeka for the last four years and he has worked for the Kansas Department of Transportation for eight and one-half years. He is currently in the consulting services section of the design department. Mike and Regina have three children, Chris, 8 1/2, Jennifer, 4 1/2, and Lisa, 3. The family lives at 535 NE Edgewood, Topeka, KS 66617.

**Janice Touzinsky Heiskell** reports: "We had our second daughter, Veronica, in May." Janice is employed by Bentura Software Inc. She and **Don**, '78, live at 10 Los Robles, Carmel Valley, CA 93924.

**Gary L. Underwood** writes: "I am currently in a master's program at the University of Texas-Austin. I should complete it in January 1990. In September 1988, I married Katha Scheuer. No kids, just having fun." Gary and Katha live at 4707 Sinclair Ave., Austin, TX 78756. He is a senior engineer with Lower County River Authority.

**Katie (Kunkel, '79, '80) and Keith, '80, Wesselschmidt** write: Keith is now a senior financial analyst for Anheuser-Busch and Katie is at home with their two boys, Ben and Sam." The family's address is 11275 Claywood Drive, St. Louis, MO 63126.

1980

**Ramona (Hooker) and Walter Bilgram**, '79, live at 2947 Penstemon, Wichita, KS 67226. The couple has two girls--Kristin, 4, and Calley, 1. Walter is a supervisor in industrial engineering at Cessna Aircraft.

**Christopher C. Cook** writes: "After seven years, have left Phillips Petroleum and Norway and have found employment with Peoples Gas, working in the reservoir gas storage group. My wife, Berit and sons, Christopher and Torgeir, are adapting to our new home in Champaign, Ill. in a cautious manner. Although we miss the Norwegian mountains and the sea, we love the Illinois sweet corn!" Chris and Berit and family live at 309 S. McKinley Ave., Champaign, IL 61821.

**Jack F. Geerlings**, '80, '85, reports: "Kathy and I are expecting our second child in February. Our son, Clark, celebrated his first birthday Sept. 9." The Geerlings live at 3616 Old Creek Road, Troy MI 48084. Jack is senior geotechnical engineer, McDowell & Associates, Ferndale, Mich.

**Susan Leach** writes: "I've been working in Alaska for a year and a half and I love it. It's a beautiful place. I've been in the business groups but hope to be back in engineering soon. Just wanted to say hi, to all the folks I went to school with." Susan is a reservoir engineer with B.P. American-Standard Alaska. Her home address is P.O. Box 196193, Anchorage, AK 99508.

**Carol Martin** has been awarded a master's degree in chemical engineering from the University of Tennessee. Carol is employed in the engineering division of Eastman Kodak Corp. She and **Daniel**, '78, '80, reside at 5043 Country Drive, Kingsport, TN 37664.

**Celia V. Theiler** writes: "Celia (Conrad) Theiler and her son, Christopher, have been in South Carolina for three years. Celia works as a project engineer for Michelin Tire Corp, and is installing new equipment in a \$200 million plant expansion." Celia's home address is 132 Muirfield Court W., Blythewood, SC 29016.

**Keith D. Wesselschmidt** writes: "Keith recently received a promotion in corporate planning at Anheuser-Busch and is now a senior financial analyst. **Katie (Kunkel, '79, '80)** is at home with their two boys, Ben and Sam," Keith and Katie's home address is 11275 Claywood Drive, St. Louis, MO 63126.

## Alumni Personals

### 1980 continued

**William Y.H. Yan, '80, '81,** writes: "We have been very busy in the fast-paced city. We found more things to do than the time we have. It has been a year since I moved to Houston. Both of us like it here very well." Bill is a general engineer for Arco Pipe Line Co. He and Yen Yu live at 319 Kellway, Houston, TX 77015.

**Roland St. John** writes: "I got married on Feb. 20, 1988, in Tulsa, Okla. Karla and I are expecting our first child sometime in February, around our anniversary. We're hoping that we stay in Pampa long enough for the baby to be born, rather than being transferred and having to change doctors." Roland is plant engineer for Warren Petroleum Co., a division of Chevron USA Inc. He and Karla live at 2113 N. Russell, Pampa, TX 79065.

**Marvin L. Larson** reports: "Marvin is still teaching at SMSU. Daughter, Kathy, is a SMSU graduate and employed by United Airlines as a customer relations representative. Son, Rick, an '86 SMSU graduate, formerly a UMR economics major, is with K-Mart apparel in Cherokee, Iowa." Marvin and his family live at 3324 S. Elmira Ave., Springfield, MO 65807.

**Randall K. Stagner (Capt.)** has received his second award of the Army Commendation Medal at Fort Bragg, N.C. Randall and Deborah's address is 1850 Rivergate Road, Fayetteville, NC 28304.

**Robert St. Germain** has been named as a consultant at Digital Equipment Corp. Bob will be responsible for strategic sales support at Digital's aerospace units, specializing in MIS and CASE issues. Bob and Paulette and their four children live at 11 Rustic Meadow Court, St. Peters, MO 63376.

**Gregory E. Pashia** writes: "Appreciate help from alumni in finding a geotechnical position. Have been studying pollution and ground water at Texas Tech University. Would work anyplace in the U.S. or overseas. Currently employed as a science teacher and football coach in Lubbock." Pashia's address is 2401 45th, #28, Lubbock, TX 79412.

**Marvin Van Meter** reports: "I am now registered in NY (8/88) PE!" Marvin works as manager, mechanical engineer, Campbell Design Group. His home address is 600 Westlake St., Horseheads, NY 14845.

**Jeffery Ramberg** writes: "After a lot of searching, I finally settled on a 'place of my own' and moved in last July. Homeownership certainly keeps me out of trouble, but fortunately it's a labor of love." Jeff is a product development engineer for the Lanxide Corp. His new home address is 18 Old Manor Road, Newark, DE 19711.

**Thomas Rueschhoff** reports that he received his P.E. title in 1988. His home address is 9165 Radiom, St. Louis, MO 63123. He is a product engineer with Volz Engineering and Surveying Inc.

### 1981

**Paul G. Baldetti** reports: "I recently joined the Harbour Group as president of Prosser/Enpo Industries, a pump manufacturer. I am also responsible for Burks Pumps in Decatur, Ill., another Harbour Group company, as managing director. Most importantly, I married the former Dana Marie Linn in Mansfield, Ohio on June 23. We have relocated, 1700 Beechwood, Troy, OH 45373.

**Michael F. Fearon** writes: "Working as a consultant out at McDonnell Douglas on the Integrated Composites Center (ICC) Project. This project focuses its efforts toward computer integrated manufacturing on electrical communications in the factory. It's a very exciting and challenging project (especially since I have a geology-geophysics degree)." Mike's actual title is software engineer for Digital Systems Consultants Inc. He and his wife, Donna, live at 640 Lanvale Drive, Webster Groves, MO 63119.

**Mark R. Jourdon, '81, '83,** writes: "I am presently attending Texas A&M, working on a doctor of engineering degree. The great thing is that the Corps of Engineers is paying via a long-term training fellowship." Mark's home address is 1601 Langford, College Station, TX 77840. He is a resident civil engineer for the U.S. Army Corps Waterway Experiment Station in Vicksburg, Miss. when not in school.

**James R. Kirby** of 2538 Lakewood Drive, Laurinburg, NC 28352, writes: "Passed P.E. in April, 1988."

**David S. Mueller, '81, '83,** writes: "I am currently attending Colorado State University on a Corps of Engineers' training program. I will be in Fort Collins for one year, before returning to work at Vicksburg. My plan is to complete the class work for a Ph.D. during the year, then write a dissertation after I return to work--hopefully completing all requirements and receiving a Ph.D. by 1992." David's home address is 2312 W. Stuart, Fort Collins, CO 80526. David is a research hydraulic engineer.

### 1982

**David Brian Akers** writes: "Received professional registration status September 1988." Dave lives at 1633 Cumberland Trail, Plano, TX 75023. He is with Huitt-Zollars of Dallas.

**Darrell Case** writes: "Recently left Banashek and Associates. Am now working for Tennil and Associates as a consulting mechanical engineer. Took the P.E. exam in Oct. '88--awaiting the results. I'm married and have two sons, Matthew, 3 and Daniel, 1. Darrell and Terrie live at 1248 Newport Landing Drive, Fenton MO 63026.

**Roderick C. Eddleman** writes: "Moving to Huntsville, Ala., by the end of the year for U.S. Army Strategic Defense Command. The above business phone will have my new number after the move." The "above" phone number is 405-736-3343. Roderick currently lives at 301 S. English, Moore, OK 73160.

**Doug and Julie (Compton '84) Guenther** write: "We moved to Carol Stream, Ill., a suburb west of Chicago. Doug works for Bally, Life Fitness Division, as a mechanical design engineer of health fitness equipment. Julie works for Maremont as an OEM design engineer of automotive shocks and struts. Their new address is 1295 Rose Ave., Carol Stream, IL 60188.

**Robert J. Herr** writes: "Job change in August, 1988." Bob's home address is 911 Forest Ave., Belleville, IL 62221. He is project manager, Holland-Hinrichs Construction Inc.

**Keith M. Sanders** writes: "Amy, Laura and I are doing fine. Everybody have a nice upcoming holiday season." Keith is project-civil engineer for E.T. Archer Corp., in Kansas City, Mo. His home address is 10703 NW 58th St., Parkville, MO 64152.

**William J. Schnell** writes: "I'm staying busy as the West County resident engineer for Missouri Highway and Transportation Department. Currently I'm handling more than \$35 million new construction work on Route 40 and 141 in St. Louis. I was married last year to Jaye. I have three recent UMR CE graduates working for me now." Bill and Jaye live at 1508 Bayonne Drive, St. Louis, MO 63138.

### 1983

**Charles Bast** writes: "On October first, I married a lovely lady named Suzanne Wellner. She graduated from Purdue in 1984 and is an industrial engineer for IBM in Charlotte. I am still in the Army Reserve and I am currently a platoon leader for the 991st Transportation Co. in Salisbury, N.C." Charles is a senior associate engineer with IBM Corp. He and Suzanne live at 6700 Raeburn Lane, Charlotte, NC 28227.

**Todd Blackford** writes: "Birth of new baby girl to Todd and Pam Blackford on July 30, 1988--Morgan Elaine. Mom, dad and Morgan are all doing well." Todd is a senior mechanical engineer with AMOCO. The Blackford's home address is 16607 April Hill Street, Houston, TX 77095.



Thai students' display included silk, tableware and handcrafts - - 1988 Rollamo

**Alumni Personals**



**Fooling around, Joe Miner helps rally team spirit - - 1988 Rollamo**

**1983 continued**

**Scott S. Chalmers** writes: "I married Michel DePriest. (attended UMR, '82, '83). I am working on air conditioning systems for J&N cars (Chevrolet and Cavalier and Pontiac Grand Am). Michigan's okay, but I miss Missouri." Scott and Michel's home address is 8514 Camellia, Lansing MI, 48917.

**Mark A. Cook** writes: "I'm busy working at Lockwood-Andrews-Newman (civil engineer III) on US 75 Central Expressway in Dallas. I am designing all the guide signs, lane use signs on the frontage roads, and all the small signs on our section. I am also studying for my P.E. test Oct. 28 in Jefferson City, Mo." Mark resides at 9050 Markville, #821, Dallas, TX 75243.

**Kenneth W. Gieg II** writes: "I have been promoted to senior metallurgist in the primary end of Laclede Steel Co. of Alton, Ill. Kenneth lives at 7545 Parkdale, #1-N, Clayton, MO 63105.

**Allan H. Harvey** reports: "Finally finished my Ph.D. in chemical engineering at Berkeley. I'm now doing postdoctoral work at the National Institute of Standards and Technology (formerly the National Bureau of Standards). Allan lives at 767 Quince Orchard Blvd., #31, Gaithersburg, MD 20878.

**Caroline Ann Israel** writes: "Dan (also '83) and I are still both working for Sverdrup. We have two sons, Zachary, age 4 and Andy, age 1. Definitely keeping busy." The Israels live at 837 Walden Drive, St. Louis, MO 63125.

**Tom and Suzanne, '85, Riney** write: "We still live in beautiful Fenton, Mo. Tom is in quality assurance with Union Electric and Suzanne is working as a design engineer for O'Brien and Gere. We're both still having fun, No Kids!" The Riney address is 1140 Summit Meadows Drive, Fenton, MO 63026.

**John P. Schnieders, '83, '88,** reports: "Theresa and I moved into our new house in St. Peters, Mo. this past August." The Schnieders' new home address is 32 Danson Drive, St. Peters, MO 63376. John is a technology engineer with McDonnell Douglas.

**Joan M. Snider** writes: "I'm now in my second year of full-time graduate work toward a Ph.D. in biochemistry at the University of Nevada-Reno. I'm excited about my research and coursework and, of course, I still live in Nevada." Joan lives at 1235 Seminary, Apt. B, Reno, NV 89503.

**Patricia L. Sommers** has obtained an M.S. degree in business administration and is presently working as a surety bond representative for SAFECO Insurance Companies. Patty's home address is 7972 Burr Ridge Court, #106, Woodridge, IL 60517.

**Suzanne M. Thomas** writes: "For the past three years I have worked for Booz, Allen & Hamilton as a consultant. Work has involved evaluating the operational effectiveness of AF weapons systems in nuclear environments." Suzanne's new address is 7401 San Pedro NE, # 106, Albuquerque, NM 87109-4616.

**Dr. George Schade** former member of UMR's chemistry faculty, was killed July 25, 1988, when the small plane he was piloting crashed into the Danube River in Austria. A native of Austria, Dr. Schade joined the faculty at UMR in 1980 as a post doctoral fellow. He was made an assistant professor of chemistry in 1983 and remained at UMR until the end of December, 1985. At that time he returned to Austria where he became a research chemist for a paper mill in that country, a position he held at the time of his death.

**Gregory J. Tolcou** writes: "I am hoping to pass the P.E. exam in October. Peggy and I are expecting our first child the first of the year." Greg is the assistant manager of plan review for the Metro St. Louis Sewer District. Greg and Peggy live at 9617 Clyde Ave., St. Louis, MO 63125.

**Timothy W. Warden, 104 Randolph Drive, Daniels, WV 25835,** says: "Tell Troy Harris, Jim Smith, and Norman Smith that I said Hi! Also, where's 'Tater'?" Tim is a general manager for Lilly Explosives Inc. in Pemberton, W. Va.

**1984**

**Laurie Behm** "is cruising through her last year, of medical school at UMC" according to her fiancé, **Randall "Woody" Wood, '85.** He says, "She finally tied me down and we'll get married in May, 1989." Woody, who works for General Electric, is also working on a Ph.D. at the University of Cincinnati. Laurie's address is 1500 Fellow Place, Apt. 5-F, Columbia, MO 65201.

**Julie (Compton) and Doug Guenther, '82,** write: "We moved to Carol Stream, Ill., a suburb west of Chicago. Doug works for Bally, Life Fitness Division, as a mechanical design engineer of health fitness equipment. Julie works for Maremont as an OEM design engineer of automotive shocks and struts. Their new address is 1295 Rose Ave., Carol Stream, IL 60188.

**Melissa Jean Gulley** writes: "I have changed jobs and am now a sales representative for Scott, Foresman, Little and Brown Publishing Co. for the Houston south region. It's a great job-exciting and very rewarding. I haven't yet started back to school but am planning to in the spring. As of November 1 my address will be 4930 Sugar Grove Blvd., #4705, Stafford, TX 77477."

**John Hinck** married Heidi Swartzel on June 25, 1988. The Hincks now reside at 8 Bennett Way, #35, Newmarket, NH 03857. John is a lieutenant in the Navy (qualified in submarines) and Heidi is working on AWAC planes for RJO Enterprise.

**Sheryl D. Hull** writes: "I had a baby daughter March 12, 1988. Named her Carla Beth Hull. A real blessing." Sheryl's home address is P.O. Box 92, McGirk, MO 65055. Sheryl is a senior structural designer for the Missouri Highway and Transportation Department in Jeff City.

**Steven D. Kimes** reports: "Steve and Debbie Kimes are still doing well in Grapevine, Texas. Steve recently changed jobs and is now project manager for Stearns Airport Equipment and traveling coast to coast. Debbie is still at Abbott Labs. She recently changed departments to field service in the software department in research and development." The Kimes live at 5319 Altacrest Court, Grapevine, TX 76051.

**Kenneth R. Kohl** writes: "Yes it's true! Wedding bells rang for me in June! Things couldn't be better. Moni and I are awaiting a contract on a four-bedroom house--next step should be evident! Give me a call to catch up on things. My phone is (413)-352-0339." Ken is a traffic engineer for the City of St. Louis and the Kohls' home address is 5328A Jamieson, St. Louis, MO 63109.



**David Andrzejewski passes down the field to his receiver - - 1988 Rollamo**

**Gary M. Kowalski** writes: "We have a baby girl, born June 1. Her name is Jessica Lynn. Gary is an engineer for the Illinois Department of Transportation. Gary, Carrie and family live at 61 Celeste Court, Springfield, IL 62703.

**John J. LaBerg** writes: "Born May 1, 1988, Jonathan Christopher, all 7 lbs, 19 oz of bubbly little boy!" John is superintendent for Dalumbo Brothers in Hillside, Ill. He lives at 591 Topeka Court, Carol Stream, IL 60188.

**Bryan J. Lewis,** writes: "I have worked on the weapons systems of three USAF aircraft: 1.) B-52G at Anderson AFB, Guam; 2) B-1B at Grand Forks AFB, ND; 3) F-16 at Luke AFB, Ariz. I am presently using my GI Bill to study EE at Arizona State." Bryan's present address is 730 A Westa Brown St., Tempe AZ 85281. (His B.S. degree at UMR was in aerospace.)

**Karen Sue Moeller** writes: "The good news is that I was recently promoted to project engineer. The bad news--I resume my master's studies in the spring." Karen's home address is 12443-J Whisper Hollow Drive, Maryland Heights MO 63043. Karen is project engineer for Black and Veatch in St. Louis.

**Suzanne Marie Riney** writes: "Tom, '83 and I still live in beautiful Fenton, Mo. I began working for O'Brien and Gere in St. Louis as a design engineer in Oct. of 1987. Tom is still with Union Electric downtown. We're both still having fun, No kids!" Suzanne and Tom live at 1140 Summit Meadows Drive, Fenton, MO 63026.

**Todd E. Russom** writes "Got married to Michele Frederick on Sept 26, 1987. Had a baby daughter, Taylor Nichole, June 26, 1988." The Russom's home address is 1255 Wanda Lee Drive, Ballwin, MO 63011. Todd is a sales engineer with Hussmann Corp. in Fenton, Mo.

**Tia Denise Sargent** reports that she is now Tia Denise Eck. "I married Robert L. Eck II on July 23, 1988." She is employed by Collar, Williams & White Engineering. Tia and Bob live at 10875 N. 111th Place, Scottsdale, AZ 85254.

**Karol Krumrey Schrems, '84, '86,** writes: "John and I bought a turn-of-the-century house at the edge of Albany's historic district. We are having fun ( and a lot of work) renovating. We started with the carriage house. On a different subject, to whomever I loaned Dr. Watson's Met 354/454 class notes, could you please 'COD' them to me? I have seven cantankerous PID controllers to tune." Karol is the service unit supervisor for the U.S. Bureau of Mines. Karol and John's home address is 1220 Ferry Street SW, Albany, OR 97321.

## Alumni Personals



Phi Kappa Theta Christmas decorations - - 1988 Rollamo

### 1984 continued

**Kirk Gerard Schweiss and Janice Marie Kappen, '86**, were united in marriage in November 1987. Kirk and Janice are both employed at the Callaway Plant in Fulton, MO 65251. The Schweiss family resides at 506K Columbia Drive, Columbia, MO 65201.

Word has been received by the MSM-UMR alumni office that the address for **Kim Lorriane Sharkey** is 9862 Le Coeur Court, #8, St. Ann, MO 63074. The new address was provided by **Melissa Gulley, also '84**.

**David J. Steagall** writes: "I am presently working for Mississippi Lime Co. as a mining engineer. Business has been good and I look for more of the same. Personally, I've been married for two years to Laura Philipp and we recently bought a house that's keeping me busy." Dave and Laura live at 790 LaPorte, Ste. Genevieve, MO 63670.

### 1985

**James R. Altensee** of 1083 Nolte Drive West, Colorado Springs, CO 80916 sends the following "Thought for MSM Alumnus and AE Department" (and students in process): I hope you all are doing well. Don't lose sight of your goals-especially if they are your dreams! The work is worth it." He is a test manager, U.S. Air Force.

**John N. Ay** writes: "I am still working for Harris Corp., but I've been transferred to Navato, Calif, for three months. My temporary address is 310 Channing Way, Apt. 102, San Rafael, CA 94903. I'll be done out here at Christmas time and plan to return to Florida." John is a logistics engineering support specialist for the Harris Corp. His home address is 3395 Wedgewood Drive N.E., #204, Palm Bay, FL 32905.

**Peter Burton**, assistant geotechnical engineer for Burns and McDonnell writes: "Enjoying K.C." Pete's home address is 10320 Hillcrest, #1, Kansas City, MO 64134.

**Gregory C. Busche** writes: "I got married to the former **Linda Jost, also '85**, on Jan. 23, 1988. We both are working at McDonnell Douglas and having a wonderful time. Greg and Linda's home address is 2605 Park Ave., St. Charles, MO 63301.

**Jeff S. Chou** writes: "I finally graduated with an M.S.ChE. from Purdue University and am now out in the real world making ethylene oxide for Texaco Chemical Co. in the great humid state of Texas. I can now be found at 3920 Highway 365, Apt. 252, Port Arthur, TX 77642."

**Kathy (Kadie) L. Davis** writes: "Have taken new position with Hydra-Matic Division of General Motors. Am now the finite element analyst for the new Gear Center of Expertise located in Romulus, Mich." Kadie's home address is 8500 Honeycomb Circle, #268, Canton, MI 48187.

The following is from a letter received from **Paul I. Fleischut** of 4758 Lake Valley Lane, Columbia, MO 65203 and is quoted in part: "After graduation in December, 1985, I accepted employment with G.E. Aircraft Engine Group in Cincinnati where I worked until last fall when I entered law school at the University of Missouri-Columbia. After finishing my first year of law school, I worked last summer as a law clerk for the patent law firm of Kalish and Gilster in St. Louis."

**Kenneth R. Foster Jr.** writes: "Joyce and I had a baby girl Sept 26. She weighed 7 lbs. 10 oz. and both she and her mother are doing fine. We named her Krystal Rose." Ken is a construction inspector for the Missouri Highway and Transportation Dept. The Fosters live at 352 Van Horn Blvd., Holts Summit, MO 65043.

**Sharri Lynn Hiller** writes: "Jeff (also '85) and I have both been promoted to assistant resident engineers; Jeff at the OKC Construction Residency and I at the Edmond Residency. We both really like working for Oklahoma Department of Transportation and Oklahoma City is a great place to live." The Hillers live at 11413 Mathews Ave., Oklahoma City, OK 73162.

**Heidi (Swartzel) Hinck** writes: "Hi! **John Hinck, '84** and I were married on June 25, 1988. I spent the past two years working at McDonnell Douglas in St. Louis on the F-15 Eagle. I'm now working at RJO Enterprises in Massachusetts on AWAC planes. John is a lieutenant in the Navy and qualified in submarines this year. We've been enjoying the fall season in New Hampshire. Our current address is: 8 Bennett Way, #35, Newmarket, NH 03857."

**Timothy E. Jedlicka and Marla I. Willman, '87**, were married April 23 in Overland Park, Kan. Tim is an engineer with AT&T-Network Systems and Marla is employed by Chicago Title and Trust as a software developer. Tim and Marla live at 4504 DuMoulin, Lisle, IL 60532.

**Christine Karl** writes: "After training with LTV Steel in Chicago for the past year I've accepted a permanent position at LTV's Hennepin (Ill.) Works where my main responsibility is quality control. I'm enjoying my new assignment and my new home." Christine's title is metallurgical investigator. Her new home address is 30 S. Mercer St., Princeton, IL 61356.

**Carrie and Gary, '84, Kowalski** announce the birth of a daughter, **Jessica Lynn**, on June 1. Gary is an engineer for the Illinois Department of Transportation. The Kowalski family lives at 61 Celeste Court, Springfield, IL 62703.

**Kent W. Lynn** writes: "Recently purchased a home in Omaha." Kent's new address is 5812 Pacific St., Omaha, NE 68106.

**Shella M. Olmstead** reports: "I have been working for Teledyne-Brown for three years since graduating from UMR. **Randy, also '85**, and I had our first child last year. He is now (October, '88) 10 months old and named Matthew. Randy will be getting out of the Air Force next summer. He is currently working on a M.S.E.E. degree from the University of Colorado-Colorado Springs and is stationed at Falcon AFB, Colo." The Olmstead home address is 6410 Zermatt Drive, Colorado Springs, CO 80915.

**Lloyd Wayne Reese and Kay Ellen Townsend** were married June 25 in Watseka, Ill. Lloyd is an industrial engineer with Littlefuse in Centralia, Ill. Lloyd and Kay live at Route 8, Deerwood, #66, Centralia, IL 62801.

**Dennis A. Roberts** writes: "**Karen Wiseman, '86**, and I were married on Aug. 27, 1988. Karen works for Emerson Electric as a software engineer, and I work for McDonnell-Douglas as an armament design engineer. We now live at 631 Broadmoor, Apt. F, Chesterfield, MO 63017.

**Timothy A. Schamel** writes: "Currently working toward an MBA degree at UMSL. Hopefully this will be done by May, 1991. Meanwhile, I am working for Bryant-St. Louis, selling heating and air conditioning equipment and enjoying it (for the most part)." Tim's address is 645 Lewiston, St. Louis, MO 63122.

**Randy H. Stiles** is currently working for Monsanto in their plastic products group as a process engineer in the continuous injection molding division. Randy's home address is 14327-2 Willowbend Park, Chesterfield, MO 63017.

**Jan Marie Smith** reports: "Another baby due early in March." Jan works for Kerr-McGee in Harrisburg, Ill. She and her family live at Route 1, Box 78B, Eddyville, IL 62928.

**Mark J. Warner** reports: "I have a new address--P.O. Box 81063, Lafayette, LA 70508. Still alive and kicking here in the oil patch, enjoying the Cajun way of life. Hope everything is going well for everyone in the 'great white north' (i.e. St. Louis). **Geaux Saints!**" Mark is a reservoir engineer for Marathon Oil Co.

**Bary K. Warren** writes: "I recently accepted the position as industrial sales engineer for the Public Service Co. of Oklahoma, an investor-owned Oklahoma electric utility. Penny, Amber, and I are living and loving it in Tulsa. Hello to my 'ole' party mates and I hope to see you soon." The Warrens' address is 13308 E. 32nd Place, Tulsa, OK 74134.

**Randall "Woody" Wood** writes: "**Laurie (Behm, '84)** is cruising through her last year of medical school at UMC. She finally tied me down and we'll get married in May, 1989. With GE's assistance I've started on my Ph.D. at the University of Cincinnati." Woody is presently a program engineer for General Electric and his home address is 233 S. Wayne Ave., #10, Cincinnati, OH 45215.

### 1986

**John B. Callihan** writes: "Graduated from the University of Southwestern Louisiana (USL) with an MS in geology in May, 1988. Currently employed with Westinghouse Environmental Services in Atlanta, Ga. as an environmental geologist." John lives at 1391 Redington Lane, Norcross, GA 30093.

**Stephen J. Fiscor** sends this message: "Tell Vicki Snelson and the folks over at Rock Mechanics, hello. Tell Dr. Ash it was a good thing I didn't waste time in class. Tell Troy and Jimmy, hello." Steve is a bullgang foreman for Rock Bolter & Blasting Engineering, Mid-Continent Resources, Inc., Carbondale, Colo. His home address is 1216 Walz Ave., Glenwood Springs, CO 81601.

## Alumni Personals

### 1986 continued

**Kathleen Moira Howard** writes: "Just moved to the New York area in June and I can't say I'm bored anymore. The New York District is in great demand for engineers and they're soon to get a 25% increase in pay." Kathleen's home address is 436 Woodbridge Terrace, Woodbridge, NJ 07095 and she is a civil engineer for the U.S. Army Corps of Engineers, New York City.

**Janice Marie Kappen and Kirk Gerard Schweiss**, '84, were united in marriage in November, 1987. Kirk and Janice are both employed with Union Electric Company at the Callaway Plant in Fulton, MO 65251. The Schweisses reside at 506K Columbia Drive, Columbia, MO 65201.

**Travis W. Kiefer** writes "I married Sherry L. Hayes, R.N., on Oct. 8, 1988. I am privately working on a new synthetic liner system for sanitary landfills." Travis and his new wife live at 310 W. Elm, #A, Jefferson City, MO 65101. He is an environmental engineer for the Missouri Department of Natural Resources.

**J. Timothy Middendorf** writes: "My wife, Joan, and I are having our first child in March, 1989." The Middendorfs live at 4750 Picturesque Circle, Colorado Springs, CO 80917. He is now a first lieutenant in the U.S. Air Force.

**Tracy A. Miller** writes: "I started a new job as a product engineer for a professional videotape at the 3M Consumer Video and Audio Plant in Hutchinson, Minn., just west of the Twin Cities. It's cold here, but I'm enjoying my new home. My address is 1035 Texas Ave, #9A, Hutchinson, MN 55250., if anyone visits the North Country."

**Warren B. Pierce** writes: "Recently completed training program. Now have permanent assignment in front disc brake design section of passenger car brake department." Warren is a product engineer for Ford Motor Co. His home address is 3360 Edgewood, Dearborn, MI 48124.

**James T. Pontius** writes: "Married, no kids. Currently working on the McDonnell Aircraft Co. reconnaissance version of the F/A-18 with my wife, Marianne (Moyes, also '86). She's doing design work and I'm doing the strength analysis." Jim and Marianne live at 16 St. Michael Court, Florissant, MO 63031.

**Karen Wiseman and Dennis A. Roberts**, '85, were married on Aug. 27, 1988. Karen is a software engineer for Emerson Electric and Dennis is an armament design engineer for McDonnell Douglas. Karen and Dennis live at 631 Broadmoor, Apt. F, Chesterfield, MO 63017.

### 1987



**Russell L. Pogue**

Information received by the alumni office indicates that **Russell L. Pogue** of 3865 S. Beech Wood, Springfield, MO 65807, is now an industrial development specialist with Associated Electric Cooperative Inc. in Springfield.

**George Brinkmann** writes: "I would just like to say hello to some old school buddies, namely: **Dave Cornell**, '86, **Steve Danz**, '87, **Goefrey Nowlin**, '87, **Jim Walters**, '87, **Howard Chilton**, '87, and **Scott Lenharth**, '87. P.S. It's great to be working! THANKS." George's home address is 725 West 6th St., Washington, MO 63090. He is now a computer programmer for May Department Stores in St. Louis.

**Randy D. Corzette and Brenda L. Walby** were married June 4, in Chillicothe, Mo. Randy is employed by ALCOA in Bettendorf, Iowa. Randy and Brenda reside at 2745 Oak Street, Bettendorf, IA 52722.

**Lawrence L. Greene** writes: "No marriage. No kids. No hassles!" Larry is a design engineer-environmental control systems for McDonnell Aircraft Co. His home address is 3323 Hannibal Drive, St. Charles, MO 63301.

**Kevin J. Jacobsmeyer** writes: "I am now the project engineer for Ralco Inc., which is a subsidiary of C. Rallo Contracting Co. Inc., where my duties are those of project management for out-of-state construction jobs." Kevin's home address is 11306 Bellfontaine, St. Louis, MO 63138.

**Yvonne Suzanne Paris** writes: "I am now settled in Houston doing production engineering work, and having a great time." Yvonne is an engineer with AMOCO Production Co. Her home address is 201 Wilcrest Drive, #234, Houston, TX 77042.

**Timothy M. Pemberton** reports: "I am the National Student Chapter Coordinator ASEM." Tim lives at 2008 Willow Trail, St. Charles, MO 63303. He is administrative assistant-engineering for McDonnell Douglas.

**Brian T. Selle** was married to Jane Elizabeth Stoll June 25, 1988. The reception was held at the UMR Student Center. Brian is employed by McDonnell Douglas and Jane is a student at UMR. Brian and Jane live at 12005 Lake Meade Drive, St. Louis, MO 63146.

**Jeffery Joel Smith**, a graduate student at UMR, writes: "I am announcing my engagement to Michele Spencer, a UMR engineering management major. We are planning an August, 1989 wedding." Joel lives at F12 Villa Mobile Homes, Rolla, MO 65401.

**Michele R. (Meyers) Tate** writes: "I got married May 28, 1988 to Brian Tate, who is right now a graduating electrical engineer at UMR. Looking forward to his graduation in December so that we may be together everyday." Michele is presently a traffic studies engineer for the Missouri Highway and Transportation Department. Their home address is 1061 E. Battlefield, #53, Springfield, MO 65801.

**Linda Marie (Reed) Tutko** writes: "Linda will finally be entering the Air Force as a second lieutenant in October. Rich, '88, will be going in Feb. '89. Our address will be 6480 Appleseed Place, Huber Heights, OH 45424."

**Denesh Venkatachalam** writes: "Silicon Valley is a great place but I miss the traffic jam and pollution free life at Rolla." Denesh is design engineer for the Zymos Corp. His home address is 767 S. Wolpe Road, #12, Sunnyvale, CA 94086.

**Marla I. Willman and Timothy E. Jedlicka**, '85, were married April 23 in Overland Park, Kan. Marla is a software developer for Chicago Title and Trust. Tim is an engineer with AT&T-Network Systems. Marla and Tim live at 4504 DuMoulin, Lisle, IL 60532.

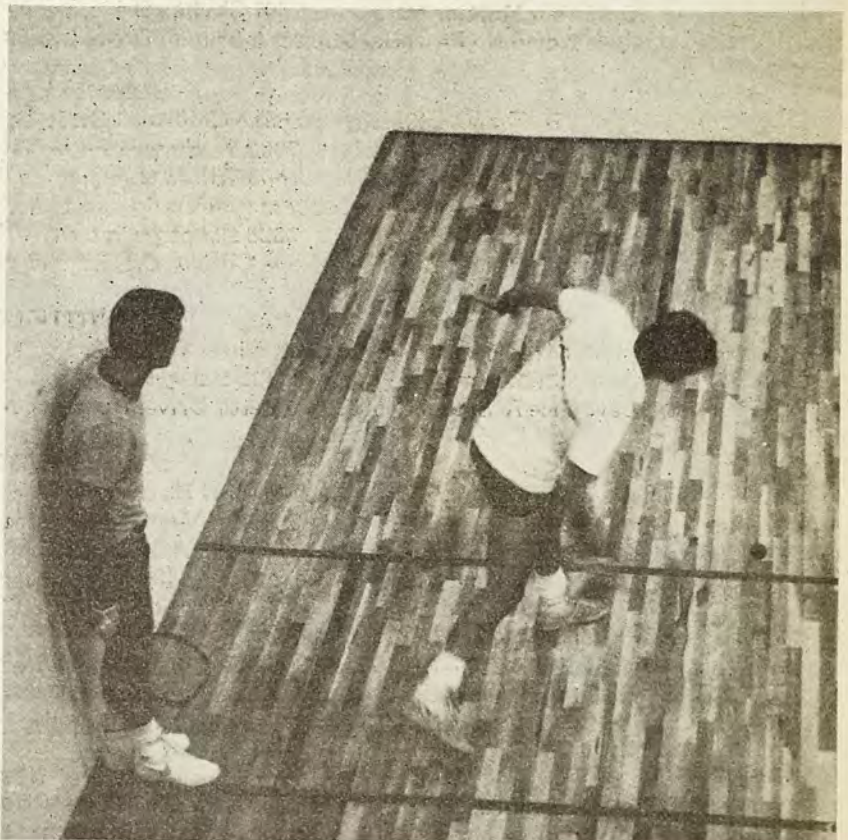
### 1988

**Musa Karakus** reports that he was awarded an MS degree in geology-geophysics on May 15, 1988 and that he is continuing his studies toward a Ph.D. degree in the same department. Musa's address is P.O. Box 1817, Rolla, MO 65401.

**Jonathan R. Lamprecht** writes: "Putting in lots of hours at Rohr Industries Inc. (thrust reversers, engine nacelles, noise suppression systems). Would you believe the electrical engineering group. Oh well, I will probably transfer to stress analysis group or research and development in six months. Lots of opportunities and freedom to do a lot of different things. Having fun and in the sun. In a few months I'll be a California resident and I hope to take upper level classes in aerospace engineering. Once I get my grades up I intend to pursue a master's at UCSD. Live two miles from the beach but rarely visit it. Taxes are high." Jon is an associate engineer with Rohr Industries, Chula Vista, Calif. His home address is now 3833 Midway Drive, Apt. 320, San Diego, CA 92110.

**Michael J. Quinn** writes: "Enjoying my new job (and salary). I'm primarily designing new equipment to test our company's products along with maintenance on existing equipment. Soon I will begin justifying new automation and robotic equipment." Mike is manufacturer engineer for Coin Acceptors Co. His home address is 1319 Lanvale Drive, Webster Groves, MO 63119.

**Rich and Linda Marie (Reed, '87) Tutko** announced new career plans. Linda will be entering the Air Force as a second lieutenant in October, 1988, and Rich will be going in February, 1989. Their new address will be 6480 Appleseed Place, Huber Heights, OH 45424.



Students use racketball court in Bullman Multipurpose Building -- 1988 Rollamo



# MSM-UMR ALUMNI ASSOCIATION

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Louise Wilson.....	Executive Staff Assistant, Alumni/Development
Sally White.....	Editor, MSM ALUMNUS

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**Donald Castleman**

UMR's recent benefactor, Donald Castleman, (see page 3) is chairman of the board and president of Phelps County Bank in Rolla. He was appointed to his present position in 1972 after having been associated with Superior Chevrolet Co. (a family dealership), and Castleman Oil Co. for more than 20 years. He is also president of six other business ventures in Rolla.

Castleman has been a friend of the campus for many years. He and his wife, Retha, are members of the Order of the Golden Shilelagh, and, in 1982, he served as treasurer of the successful statewide campaign "Build Missouri." This was a group supporting passage of Amendment I, a measure designed to fund \$600 million in capital projects throughout the state, including the state's share of UMR's minerals engineering, engineering management and alumni-music-auditorium buildings. He was awarded UMR's Chancellor's Medal in 1985.

Castleman has been active in many Rolla civic organizations, including long-time service to the Phelps County Regional Medical Center, the Rolla Area Chamber of Commerce, UMR's Center for Technological Development and many other groups.

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