



Missouri S&T Magazine, February 1983

Miner Alumni Association

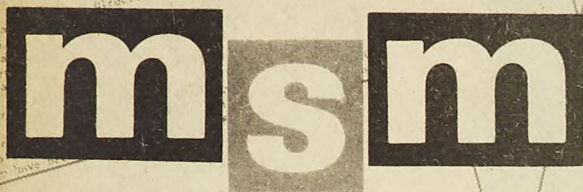
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Miner Alumni Association, "Missouri S&T Magazine, February 1983" (1983). *Missouri S&T Magazine*. 339.
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Route 1, Box 1
Armstrong, MO 65230
January 2, 1983



Alumnus

University of Missouri-Rolla



Dear Sirs;

I would like to take this opportunity to extend my sincere appreciation for your abundant generosity. I am truly thankful for the much needed monetary gift, the framed certificate, and the honor of being named an Alumni Scholar.

In these days of economic unrest and an uncertainty about the future of financial aids for college students, it is reassuring to know that a steadfast and generous group such as the MSM-UMR Alumni Association exists.

I only hope that upon my graduation and entrance into the work force I may join this illustrious organization and help do for others what it has done for me.

Again, I say thank you.

Sincerely,

Kelly Wiggz

HONOR ROLL ISSUE

FEBRUARY, 1983

A Banner Year!

Annual Alumni Fund

Again in 1982, alumni and friends of the Missouri School of Mines and Metallurgy and the University of Missouri-Rolla set a record for annual giving. The year's total alumni gifts came to \$209,680.95. Added to that figure was an additional \$83,435.34 in matching gifts. Those two figures add up to a grand total of \$293,116.29 which means a great deal of support for the Association and the University.

Gifts to the Alumni Annual Fund are used to support a number of activities. The

Association's major project remains the provision of scholarships, ranging in value from \$200 to \$1,500 a year. This year, a record 127 scholarships were given from regular Alumni Association and "named" scholarship accounts.

In addition, approximately 20 students earn money each school year through the Alumni Association Educational Assistant Program. A separate article in this issue of the MSM Alumna gives additional information about both the scholarship and Educational Assistant programs.

MSM-UMR Alumni Association Income Statement

Calendar 1981

Alumni gifts		
Unrestricted	\$150,816.00	
Designated	39,316.43	\$190,132.43
Matching Gifts		
Unrestricted	36,732.00	
Designated	7,365.00	44,097.00
		<u>\$234,229.43</u>

Earned interest included: \$17,139.81

Calendar 1982

Alumni gifts		
Unrestricted	\$158,400.89*	
Designated	51,280.06	\$209,680.95
Matching Gifts		
Unrestricted	61,370.34	
Designated	22,065.00	83,435.34
		<u>\$293,116.29</u>

Earned interest included: \$24,302.12

*Included are alumni gifts of stocks and bonds totaling \$11,660.00 being held for investment or later sale.

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On The Cover

Each year the association receives thank you letters from students acknowledging the assistance provided them through scholarships. The letter on the cover is from Kelly Wiggs, freshman in computer science from Alton. Other examples may be found scattered throughout the list of alumni donors. Copies of all the letters are sent regularly to members of your association board of directors, and we include some of them in this issue of the magazine so all of you will have some idea of how much your support is appreciated.

MSM ALUMNA
(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, under the Act of March 3, 1897.



Blue Key 50th Anniversary

1983 marks Blue Key's 50th year on the MSM-UMR campus. Much of Blue Key's history at Rolla has been lost throughout the years, and we are hoping our alums can help us out.

On March 20th, Blue Key will host a "St. Pat's Recovery Coffee" from 11 a.m. to 1 p.m. at Centennial Hall in the University Center East. All Blue Key alumni are invited, so come along and bring some stories!

Another event is being planned for Homecoming '83.

If you would like to attend either social, or need more information, please contact Blue Key, P.O. Box 1331, Rolla, MO 65401.

How the Fund is Used.....

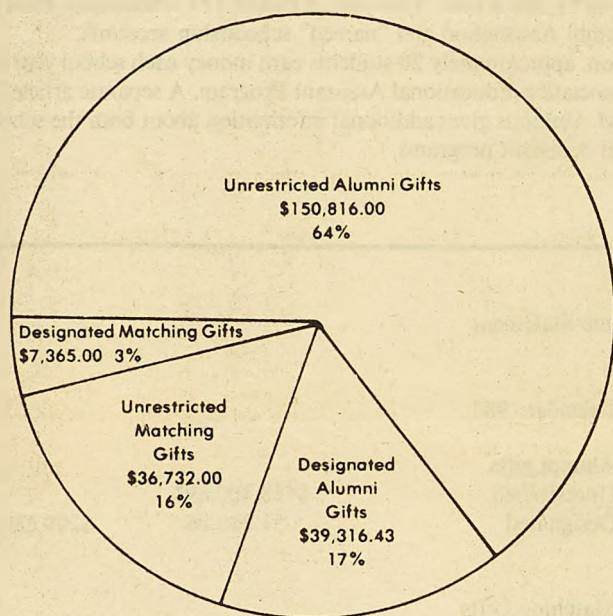
Other activities supported by contributions to the Alumni Association include: Curtis Laws Wilson Library, athletic programs, the music department, student awards, faculty awards, alumni awards, Homecoming activities, Commencement, class reunions, area meetings, alumni records, the Alumni Directory, student loans, special projects, and the production of newsletters and Alumnus.

An activity deserving special comment is the maintenance of current alumni records. Presently, nearly 31,000 records are coded as alumni in our computer. Of those, current mailing addresses, business addresses and business positions are available for all but approximately 2,500 alums. That translates into a correct current address rate of nearly 92 percent, the envy of most alumni associations across the country.

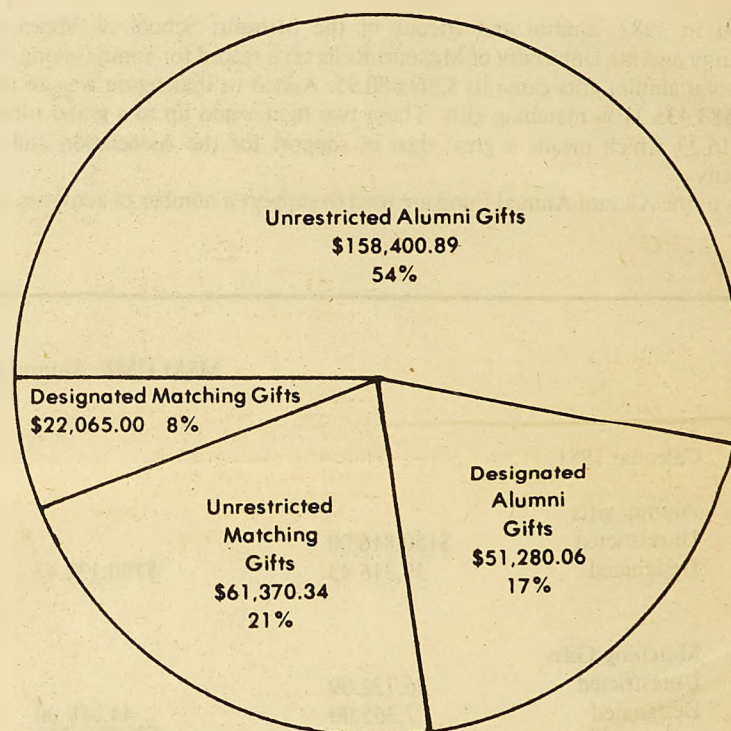
The maintenance of those addresses means our alums have the capability of keeping in touch with classmates and friends through our office. It allows us to keep in touch with those same alums. This edition of the MSM Alumnus, for example, is sent to every alum on our mailing list. By so doing, we maintain ties to each.

As you will notice from the charts accompanying this article, \$158,400.89, 54 percent of the total amount received from all sources in 1982, was entrusted to the Association with no restrictions attached. In addition, \$61,370.34 of the matching gifts were unrestricted. Alumni chose to designate specific purposes for \$51,280.06 in gifts. Those gifts generated \$22,065.00 in matching gifts. As in past years, the Association continues to honor the donor's original designation by using matching gifts for the same purpose.

With the 20 percent giving increase experienced last year, the Association enters 1983 with high hopes for the future. Because of the faith placed in our alumni, the Association's Board of Directors voted to increase the dollar amount of all scholarships coming directly from the Alumni Association by at least 25 percent for the next school year. That increased commitment will only be able to be maintained with the continued support of our fine alumni. The Association and its directors are confident that support will continue, and it will be forthcoming at an even greater pace.



1981 - \$234,229.43



1982 - \$293,116.29

Student Report

Report of work pursued by Robert J. Brandt, Dec. '82, under the MSM-UMR Alumni Educational Assistance Program:

Throughout the spring and summer of 1982 I was able to continue working on the National Archeological Engineering Record (NAER) as a result of funding by the MSM-UMR Alumni Association. My association with the project began in the spring of 1981, but due to funding cuts I would have been unable to continue my work without the help of the Alumni Association.

The NAER project is a national attempt to catalogue information and photographs of historically significant sites on a state-by-state basis. Dr. H. J. Eisenman of the University of Missouri-Rolla Social Sciences Department is the coordinator of the Missouri section of the project. I was involved with Dr.

Eisenman and the project in the capacity of student assistant. My responsibilities included information coordination, field research, and site inspections.

During the spring semester I spent the bulk of my time going through partially completed site surveys in order to bring the files up-to-date. By contacting a number of different groups and individuals around the state I was able to fill in many of the gaps in our information. That process of information coordination is both complicated and essential in the case of the NAER project.

I began a series of site inspections once I returned to St. Louis for the summer. Among the engineering sites I catalogued were three water towers

built by the St. Louis Water Department at the turn of the century, both Fort Bellfountain and the St. Louis Arsenal, as well as two pumping stations located near Chain of Rocks. Once the site inspections were completed I began the task of researching background information on those sites located in the St. Louis area. At the time of this report both the information and photographs of those sites are awaiting transference into the NAER format.

Through the generosity of the MSM-UMR Alumni Association not only have I gained experience in historical engineering research, but a valuable project was also pushed closer to completion.

Annual Alumni Fund Donors

1911

Detweiler Milan H.

1912

* Grosberg Alexander

1916

Adams Bernard W.
Vogel Herman H.

1918

Doennecke Henry W.
Weiser Hanley H.

1920

Barnard Charles R.
Bash David A.
Forgotson James M.
Homer St. Clair
Hoppock Harland H.
Howard Arthur M.
Molte William J.
Terry Mark L.

1921

Needham Albert B.

1922

Ackers Albert L.
Christner Glen J.
Machin Edwin G.

1923

Campbell E. Taylor
Chomeau Henri
Dorris Milburn L.
Flesh Mrs. Florence
Ford Ragan
Frame Wayne S.
Frey Muir L.
Gatts William P.
Hoover Bert F.
Marek Harry C.
Murphy Raymond F.
Pesout Edward
Remmers Walter E.
Wannenmacher Joseph M.
Whitworth Virgil L.
Wilkerson Augustus B.

1924

Andrews J. Lewis
Beardmore Harold R.
* Blake Philip L.
Campbell Jack P.
Casey Walter E.
* Kemper Claude L.
Kessler Harry H.
Love Perry R.
Wright Wilford S.

1925

Atkinson, Marion L. Jr.
Baker Donald R.
Berry Hugh R.
Browning Bertie L.
Day Roger O.
Eagan Thomas E.
Gaines George D.
Heim Carl J.
Heitmann Albert L.
Kuechler Adolph H.
* Valerius Claude N.
Ward Ronald D.

1926

Birchard Harry C.
Gammeter Elmer
* Gammeter Erwin
Kennedy Daniel
Kitchen Charles L.
Lindenau Edward M.
Moore James P.
Smith C. Cabanne
Staples Guy W.
Thompson Bennet R.
Tyrrell Morris L.
Walker Jule H.

1927

Barnard Albert E.
Bissett Donald J.
Boismenu Clyde F.
Bossert Harry F.
Clearman Frederick
Davenport Bowman
Griffith H.M.
Hoover Paul K.
Kraft Ned O.
Lusk R. Ralph
Moran Ernest
Parsons Edward W.
Paul Murray J.
Seydler Frank K.
Sievers Edwin R.
Smith James F.
Thomas Harold D.
Weber Paul
Weiss Clarence B.

1928

Baumgartner Rupert P.
Boyer Phillip J.
Crumbaugh Daniel H.
Donaldson James G.
Faulkner Edward C.
Freeman Charles A.
Gross Margrete
Herman Theodore
Hill Albert L.
* Machin William B.
* Moreland Howard B.
Roberts Gerald A.
Schweickhardt William K.
Smith J. Warren
Thatcher E. Fusz

1929

Coil Benjamin R.
Crays Glenn E.
Crum E. Jefferson
Dittmer Russell S.
Dresbach Charles H.
English Thomas O.
Green T. Howard
Johnson Charles W.
Jones Harlow G.
Kemp Arthur H.
Kinn Emmet R.
Monsch Henry D.
Morris Orville W.
Potter C.J.
Schuette Louis H.

1930

Alexander Verne
Beatty Ren
Davis Willard E.
Dillingham Marion A.
Gilmore William M.
Gregory Marguerite A.
Grimm C. James
Harvey Edwin T.
Hoeman Erwin C.
Kirkpatrick Harry F.
Martin Roy S.
Maune Allen R.
Neal Kenneth R.
Osterwald Herbert R.
Payne Richard F.
Regenhardt Edward T.
Rollman William H.
Scheer Henry O.
Shearer Andrew C.
Stone S. Allan
Thomas Myron F.

Dear Sirs,

I would like to thank you for extending my scholarship through the next two semesters.

Last year, I was awarded both the scholarship and a fellowship (Student Assistantship) in the spring. The research I did under the fellowship resulted in a first place award at the Missouri Academy of Sciences. Without the fellowship, I wouldn't have been able to participate in the research or have a chance to compete at the Missouri Academy of Sciences. Your help made this possible.

This aid encouraged me to continue doing research in the psychology animal lab, under Dr. N. Marlin's supervision. So now I am in the Undergraduate Honors Research Program. I'm running experiments dealing with backwards conditioning. After completing these studies and writing a paper, I will graduate with Divisional Honors this spring (Spring 83).

I cannot stress how much of this is due to your assistance. Your program caught me at a time when I was feeling discouraged, worrying about my financial situation and wondering if all my studying was worth it. I was considering quitting for a while in order to save up more money. Fortunately, because of you, I did not have to do so.

It seems like ever since I received my fellowship, things have been going great. I was inducted into Phi Kappa Phi late last spring; I've met some very capable and talented students and professors through my research. I know that if I hadn't taken action myself these things would never have happened, but you deserve much credit for extending a hand to keep me going.

Thank you,
Kate Busher

1931

Conley Jack N.
Donaldson William E.
Epperson Ernest R.
Gevecker Vernon A.C.
Harrison Albert
Heilig Warren
Herrell R.R.
* Herron Henry R.
Kirkpatrick Ruel L.
Mc Cracken William L.
Pace George M.
* Page Clifford F.
* Pertici Andrew L.
Ross Charles E.
Sperling Elmer J.
Stokes Mrs. James E.
Throgmorton Gordon R.
Wade Rolla T.
Wilhite Clyde E.
Williams Rex Z.
Wilson Henry W.

1932

Andres Otto M.
Birt Floyd D.
Brewer William
Bruegging Harold J.
Crawford Edwin O.
Davis Stuart L.
Eisea Carl A.
Gallemore Willard A.
Gibbs Harold L.
Hale Edward D.
Hess Charles M.
Hoeman Arthur J.
Horn Rex T.
Jenczewski Albert C.
Johnson Leon K.
Kassay Andrew W.
Kay William T.
Leisher George L.
Meyer Henry W.
Monroe Rex
Moore David D.
Perrey Huel E.
Pollak John A.
Reid Allen J.
Rhoades Robert P.
Richardson James K.
Riggs W. Robert
Roesser Robert J.
Runder Raymond H.
Schwarz Arthur S.

1932 continued

Sturm John T.
Taylor Samuel E.
Thompson Homer F.
White Charles S.
Wiethop Russell H.
Williams, Arthur J. Jr.
Wilson Frederick G.
Zvanut Frank J.

1933

Achuff Charles E.
Asher Vernon L.
Beinlich Alfred W.
Coghill William J.
Doll Ellen W.
Dresser Thorpe
Dumm Lee D.
Edgar M. Russell
Everett Edred N.
Farmer John O.
Federow Harry
Hunze Charles L.W.
Jabsen William J.
Kaczmarek Theodore B.
Koopmann, William Jr.
Krattly Homer W.
Lambur Charles H.
Lanz Fred M.
Lenz William H.
Long Don M.
Musson George H.

1934

Benard John
Brasaemie Ray I.
Brown Buran W.
Bruening Walter H.
Cole Ralph C.
Cunningham Robert L.
Darling James W.
Dobson Richard J.
Duncan Oscar M.
Fagan Durward E.
Fletcher William B.
Ford, Homer T. Jr.
Gaddis Wendell F.
Hein Edwin A.
Hudson Richard G.
Jackson Leroy H.
Maise Clemens R.

* Deceased



1982 Rollamo

1934 continued

Mc Kinley John H.
Mc Reynolds Elmer L.
Montgomery R. Gill
Poesse Lester E.
Sackewitz Robert A.
Springer William R.
Stewart, Thomas J. Jr.
Sullentrup Leo J.
Tuttle Lauren P.
Weigel Robert C.
Westerfeld Wilfred W.

1935

Asher Kenneth K.
Bates William E.
Buck Robert H.
* Campbell William J.
Colman Howard B.
Cooke, William F. Jr.
Danforth Warren B.
Dutton Donnell W.
Edgar Max E.
Fischer Max M.
Haffner Harold J.
Hoffman Emil D.
Kamper Oliver W.
Knoll Rudolph J.
Koopmann August P.
Mc Dill William H.
* Murphy James J.
Nolde, George T. Jr.
Solomon Russell C.

1936

Arnold, Frederick W. Jr.
Barrow Carlton W.
Beard Reade M.
Chapman Robert T.
Clanton Jack R.
Daily Eugene J.
Dennis William E.
Fiss Edward C.
Hoener Alan J.
Houseknecht Paul D.
Menefee James H.
Michel Hilbert F.
Nations George O.
Pfeifer Herman J.
Rasor John P.
Roy Edward A.
Schwalbert William H.
Simmons Robert W.
Springer Robert M.
Thompson Hoyt G.
Woerheide, Arthur E. Jr.

1937

Appleyard Frank C.
Barclay, Arthur H. Jr.
Benner Charles F.
Breuer Walter F.
Busch William C.
Cardetti Richard J.
Carrolla Ross R.
Culbertson William W.

1937 continued

Dickinson George W.
Donnelly Warren L.
Grimm Donald F.R.
Hausmann Arthur P.
Holz Walter L.
Jones Walter T.
Lange Robert C.
Logan Edwin W.
Luder Walter E.
Mattei Peter F.
Millard Frank S.
Post Samuel S.
Rodman Wilfred K.
Schaumburg Grant W.
Vogt Fred K.W.

1938

Alger Robert P.
Ballman Edward A.
Bliss Allen D.
Cameron Charles V.
Clayton Charles L.
Cornett Roy C.
Ellis J. Craig
Goodrich Frank N.
Howerton Joseph W.
Jarboe Rupert A.
Koeppel Beverly W.
Lanier Eugene B.
LeGrand Jesse S.
Mc Curdy Belding H.
Medley Raymond R.
Morrison Frederick
Mueller Frederick M.
Nickel Melvin E.
Prough Richard G.
Rogers Raymond H.
Spotte Irvin C.

1939

Barger Hubert S.
Boorky Morris
Boulson Charles E.
Brown Roy G.
Claridge Elmond L.
Dieffenbach Robert P.
* Dods Stuart
Elliott Lewis C.
Ellis William R.
Finley, Thomas J. Jr.
Graber Lewis J.
Harsell, Thomas L. Jr.
Heiser Frederick W.
Hoffman, Ray E. Jr.
Jacobs James H.
Johnson E. Herbert
Kidd Harold S.
Kirwan Armondo J.
Livingston John H.
Livingston Robert G.
Loveridge Joel F.
Mc Caw Jack
Mooney Joseph W.
Moore Jack W.
Mueller George E.
Mussell Walter E.

1939 continued

Pohlmann Edgar I.
Post John R.
Rea William R.
Rhodes A.E.
Roarig Wilbert A.
Runyan James R.
Siegrist Kermit A.
Smith Leroy E.
Soult John P.
Spalding J. Victor
Sullivan, William L. Jr.
Tetley Albert L.
Vandergriff Willard C.
Waters Wade D.
Webb William H.

1940

Alexander William C.
Alford Rex
Baumstark Walter A.
Braun Steve S.
Brown, Guy Jr.
Carr, Walter J. Jr.
Cotterill Carl H.
Dennie Powell A.
Dennis, Benjamin A. Jr.
Donahue James B.
Dowling Paul T.
Enderson William A.
Ferrell Mrs J.O.
Followill Richard J.
Fort George E.
Griffeth Ellen B.
Gund Russell A.
Hall Charles E.
Herzog Aloysius R.
Kidwell Albert L.
Kiesler A. James
Klug John R.
Ladd Harley W.
Leber Walter P.
Leslie Julius C.
Machmer Ferdinand G.
Markley John S.
Miller, Edgar S. Jr.
Niedling Ivan M.
Olcott Eugene L.
O'Neill, John J. Jr.
Parish Gerald A.
Perry E.L. Roy
Planje Mrs Theodore
Plenge-Washburn Carlos H.
Rakaskas Joseph E.
Reed John F.
Ridley Robert P.
Riege Lynn J.
Rieke Vernon W.
Romine Edward C.
Rose Colin G.
Ross Paul F.
Sharp Everett W.
Simonds Peter
Smothers William J.
Stewart Fraizer M.
Sturges Herbert D.
Summers Huey
Timberman De Wilton B.
Tucker Armin J.
Wilhite Kenneth T.
Wilson F. Hugh
Young William P.

1941

Adams Washington
Alsmeyer William C.
Andreae Andreas A.
Bennetsen Wayne J.
Blair Norman D.
Bottcher Hermann F.
Bourne William H.
Boyd Robert K.
Boyt Eugene P.
Butch Edmund R.
Clarkson Charles F.
Cochran Andrew A.
Couch G. Robert
Crecelius Donald G.
Crockett William E.
Davidson Mrs Fred
Dreste Jerome P.
Enochs John R.
Falkingham Donald H.
Farrell Edward C.
Fick Armin F.
Finley Fred W.

1941 continued

Hacker Alden G.
Hardine, Kenneth L. Jr.
Jaffe David Nathan
Jensen James W.
Lambeth Jennings R.
Livingston Kermit F.
Loveridge Warren L.
Mack, James O. Jr.
Mc Kee Jack B.
Mentz, Frank H. Jr.
Morris William I.
Nevins, Marvin E. Jr.
Newman Clinton V.
Pautler Anthony C.
Puetz William M.
Rhodes Richard G.
Rogers Frank B.
Roley Rolf W.
Schoenthaler Robert
Schweitzer Robert E.
Smith Floyd P.
Springer James J.
Strawhun Joseph O.
Wagner John C.
Wattenbarger Chris M.
Wyatt De Marquis D.
Zvanut Carl M.

1942

Allen John C.
Austin John C.
Axmacher George W.
Beard Mark W.
Brackbill Robert M.
Bradshaw, George V. Jr.
Busch William D.
Castleman John H.
Clark Hugh M.
Crookston James
Dunham Robert M.
Flint Melvin C.
Haas Harold W.
Hagar Bailey W.
Heuer Charles A.
Hill, William E. Jr.
Hillery Charles M.
Hughes Thomas A.
Jones Thomas A.
Karbosky Joseph T.
Kind Daniel A.
King Welby M.
Kisslinger Fred
Kloeris, Paul W. Jr.
Krueger Harold A.
Kurtz Sam A.
Lyons John H.
Martin Kent W.
Maune Harold E.
Mc Connell William F.
Mc Ghee Vernon T.
Muskopf Oscar M.
Neubert Ralph L.
Nevin, James R. Jr.
Nicola Nick S.
Olde Fred W.
Olsen John K.
Pohl Robert A.
Rassinier Edgar A.
Sandhaus Elmer H.
Schmitt Joseph B.
Schwalter Kenneth A.
Schuman Austin E.
Shaffer James W.
Shockley Gilbert R.
Sindel, Albert T. Jr.
Stewart Alexander L.
Taylor Otis H.
Van Nostrand Robert G.
Weidle Ben E.
Wolff Leonard C.
Zanzie Charles E.
Zoller Jacques W.

1943

Adams Joseph T.
Allen George W.
Amli Harold E.
Bellis Maurice O.
Berndt, Joseph P. Jr.
Biermann Earl E.
Bottom James H.
Bumps Edson S.
Carroll James V.
Christensen Douglas N.
Comann R. Kent
Coolidge Donald J.

* Deceased

Dear Sirs:

I would like to thank you for selecting me as a 1982 recipient of the Alumni Association Transfer Scholarship. The additional funds have been a great help in my financial needs, but even more I thank you for the prestige and recognition that comes with this honor.

The University of Missouri-Rolla curriculum has been a challenge from the first day. The long hours and batteries of exams are a great strain on a student, that tends to mentally wear them down and adversely affect a student's ability to be proficient in his academic studies; however, your confidence in my ability to excel at the University of Missouri-Rolla has given me an additional amount of incentive to perform well, which has helped me to overcome these obstacles.

Again I would like to thank you for your confidence and financial support of my educational goals.

Sincerely,
Steven L. Carey

1943 continued

Dressel Waldemar M.
Drester, Fred E. Jr.
Durham Howard W.
Eck Robert A.
Ehrlich Robert L.
Flood H. William
Fris Edward S.
Glover James
Haley Wilbur A.
Hanna Robert L.
Johnson James C.
Kalish Herbert S.
Kasten Raymond O.
Keevil Albert S.
Kendall, Edward T. Jr.
Kent William D.
Kerper Matthew J.
Key Enos L.
Krill Francis M.
Krummel, Clyde H. Jr.
Lambelet Clarence A.
Larson Leonard N.
Martin Gene S.
Meyer Orville L.
Neustaetter James A.
Paul James R.
Pracht Herman W.
Quinn Patrick D.
Rasmussen Rene K.
Rosser Lewis E.
Rothband Paul B.
Schumann Lloyd C.
Skitek Gabriel G.
Strickler Halford O.
Stueck C.F.P.
Thomas George H.
Weis Carl J.
Wilms John O.
Wissler Louis B.
Wright Clarence J.
Zoller Victor H.

1944

Adamick Henry S.
Allen Eugene K.
Arras Jean M.L.
Banks Robert L.
Barnhart Herbert D.
Bridge Lorren F.
Brodhacker John W.
Carmichael Ronald L.
Des Jardins Peter E.
Dick C. Alfred
Dowd James D.

1944 continued

Frommer Donald W.
Goetemann Edwin C.
Greco Dominic A.
Griffiths John W.
Hansen J. Richard
Heidenreich Roger H.
Kasten Paul R.
Klorer Robert W.
Kozeni Don K.
Larson Warren L.
Miller James R.
Morrow Thomas H.
Mushovic Peter
Ploesser Alan P.
Riggs John R.
Schmoltdt Hans E.
Schoeneberg Kenneth W.
Sievart O. Morris
Smith P. Gene
Staley Glenn L.
Summers Robert F.
Thomas William J.
Tucker Farrell G.
Weinert Ernst A.
Wicker Dave A.

1945

Blase Edwin W.
Boyd Roy H.
Feldbaum David M.
Finley Carl E.
Kasten Vernon L.
Kawaguchi Makoto J.
Kolde Ralph E.
Ozawa Jack K.
Schmidt Robert F.
Shank Earl M.

1946

Burke George E.
Clayton Austin B.
Connett Robert P.
Fesler Carney C.
Jones Raymond B.
Mann Robert L.
Meenen Arthur R.
Meyer Donald I.
Olsen Oscar M.
Rutledge William A.
Wilhelms Kenneth M.

1947

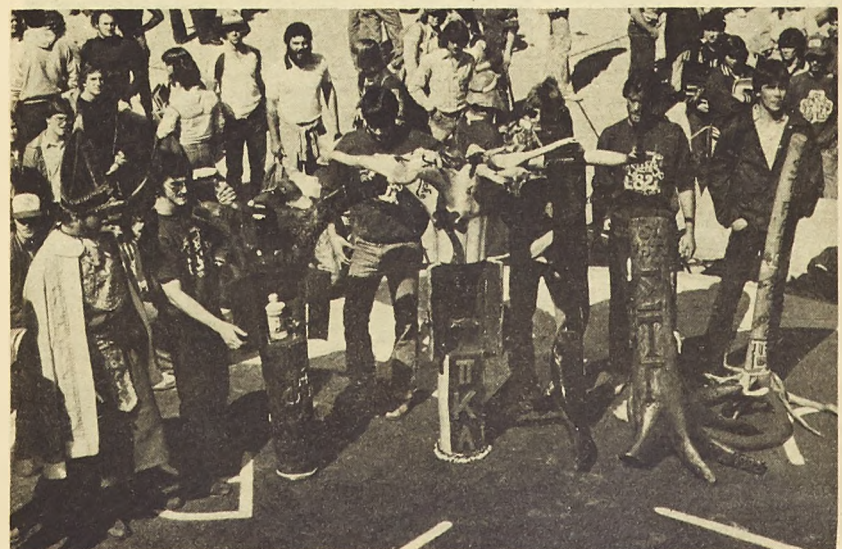
Belew Elmer W.
Bruns Robert F.
Butzer Harold G.
Carlton Paul F.
Christiansen Carl R.
Cole Richard E.
Dunham Roy H.
Einspanier Bernard J.
Ellerman William E.
Faser Jack F.
Fogarty Edwin R.
Goodwin Reo E.
Hamann Eugene E.
Heilwege William H.
Henke Elvin A.
Henry George E.
Johnson Philip D.
Johnson Virgil A.
Kerr Frank F.
LaPiere Gilbert H.
Leone Anton
Little J. Edward
Mc Kinnell, William P. Jr.
Mc Kinnis, Charles L. Jr.
Miller Eberhard H.
Perryman, George I. Jr.
Pierce Thomas R.
Pietz Robert C.
Pomeroy Chester M.
Powell John D.
Ray Robert L.
Schork John E.
Sheppard Keith D.
Smith James A.
Snowden J. Russell
Stephens James W.
Tappmeyer Ronald A.
Wagner George H.
Wylie James E.

1948

Balrat Jack S.
Banks Ralph
Berutt Caesar
Billy Joseph H.
Brassfield Henry C.
Browning Phil A.
Chaney James B.
Copeland A. Eugene
Delany Michael J.
Doelling Robert F.
Ellis Maurice H.
Ellis William A.
Ellis William F.
Ellison Floyd A.
Fine Morris M.
Fisher James R.
Fitzpatrick Joseph W.
Fuller Leroy W.
Gager Lem N.
Gauerke Reinhart C.
Gevecker Robert V.
Grady, William J. Jr.
Griessen, John III
Hackmann Robert E.
Haley Comer C.
Hamann John W.
Held Robert E.
Hepp Joseph T.
Howell Richard B.
Howell Theodore R.
Hudson Charles N.
Jackson Jorge
Jones Eugene F.
Keeley Gilbert S.
Kreutzer Robert C.
Leaver Harvey B.
Malone Albert V.
Marchal Jacques H.
Mathews Donald J.
Mc Cormack George E.
Mc Kelvey Ralph E.
Miller William J.
Moe Harold G.
Mueller Edward E.
Niewoehner Kenneth E.
O'Neill Lawrence F.
Proctor Albert W.
Ramsey George H.
Robbins Irvin D.
Schaeffer, Willard A. III
Schmidt Donald G.
Scholz Arthur E.
Smith David G.
Smith Harlan D.
Smith Hubert R.
Sphar Curtis W.
Stoecker Wilbert F.
Terrasson Paul L.
Todd Fred A.
Walker Richard H.
Weddle Wilbern L.
Whaley Henry P.
Whanger James R.
Wilks John C.
Zwirbla Michael C.

1949

Anderson George M.
Aubuchon Edward L.
* Bailly Walter E.
Bay Robert D.
Bell James E.
Bennett Charles W.
Berry Jerome T.
Blankenmeister Erwin G.
Boyer Alexander A.
Breeze Francis V.
Breuer Coy L.
Bridegroom Kenneth E.
Carney W. Dale
Carpenter Gordon L.
Carter William D.
Chang John W.
Cizek Frank J.
Coolidge William H.
Coplen, Roy I. Jr.
Crites Joseph D.
Dalpini David
Daly Thomas E.
Daniells Charles P.
Danzon Carl J.
Davidson Charles C.
DeBolt Donald G.
Downs Jack S.
Edwards Paul K.
Eichelberger Charles E.
Evans William W.
Fliehm Maurice H.
Foster Jack D.
Frank Louis E.
Gammon William H.
Greig Joseph E.
Haskell Donald F.
Jones Oliver W.
Jones Sam P.
Kelahan Robert C.
Knecht Walter S.
Knutson Elmo G.
Komoto Frank K.
Line Myrl K.
Linn Laurel G.
Martin Robert L.
Mc Callister, Odie L. Jr.
Mc Donald John E.
Mc Grath James B.
Mengel Edmund L.
Miller, Fred J. Jr.
Mitchell John W.
Mulligan John J.
Norman Amos
Ochs Calvin M.
Perko Robert A.
Perry Robert C.
Puffett Bettijeanne M.
Quinn Joseph S.
Ratcliff John J.
Reilly, John G. Jr.
Reiss Joseph J.
Remington, Charles R. Jr.
Roark Bill R.
Ross, Charles J. MfgE
Ross Harvey D.
Rowley Kermit G.
Sarzin Julius L.
Schmitt James C.
Schuler, Leonard L. Jr.
Seelig, Albert F. Jr.
Sevick Joseph G.
Shute John W.



1982 Rollamo

1949 continued

Siegel William A.
Springer Frederick M.
Stadelhofer Jack
Stein John E.
Straub Harold E.
Strubert Joe N.
Sutton Glen W.
Telthorst Edgar J.
Telthorst Harold M.
Thompson Richard H.
Tindall, Robert F. Jr.
Toomey John B.
Trotter Jack K.
Tucker Arthur L.
Van Maerssen Otto L.
Viles Landon C.
Weber Arthur H.
Withrow Harold J.
Yochum Robert J.
Youngs Lloyd P.

1950

Allen Harry W.
Atchison Daniel R.
* Babbitt Jack R.
Bach Wilbert E. Jr.
Baldo Alexander H.
Barsachs Edwin H.
Bartels Eugene A.
Berkey Vernon G.
Bloome Robert L.
Bodine Jack R.
Boje, George J. Jr.
Breit Karl K.
Breuer D. Wallace
Brinkmann Charles E.
Brown Robert N.
Brown Stuart S.
Buel Robert W.
Buterbaugh Basil E.
Byrd Herman C.
Cantwell Laurence W.
Chen Willie Y.
Clark William W.
Clayton Roy T.
Collins William W.
Crocker Hilbert W.
Dampf Donald P.
Davidson Edwin A.
Delaney John F.
Dolecki Stanley
Drake, Avery A. Jr.
Eissinger Karlheinz
Elliott James O.
Erb Robert D.
Evans, James L. Jr.
Eyberg Walbridge P.
Fahien Raymond W.
Farrey Henry B.
Filer Earle H.
Fossi Robert L.
Freiert Milton A.
George O. Kenneth
Graves, Clarence E. Jr.
Greco Louis E.
Green Paul E.
Greenberg Aaron J.
Gregory Scott H.



1982 Rollamo

1950 continued

Guinea Robert F.
Hammond Gerald L.
Hampson, Walter L. Jr.
Hardy Rolland L.
Harris William M.
Hauser Max E.
Haymes William G.
Heister William B.
Heller Enrique S.
Hernan John F.
Herrmann Thomas A.
Higgins Albert J.
Hillhouse David L.
Hollis William
Holme R. Norman
Honerkamp Donald L.
Howell Bennett D.
Hughes William P.
Humphrey Waldo D.
Hunt J. Richard
Isbell, Clarence A. Jr.
Jamieson George W.
Jare Jacob J.
Jerman Theodore I.
Johnson Edward L.
Johnson Ray B.
Johnson Warren H.
Jorcke Oliver A.
Judah Russell J.
Kapernaros E. Louis
Kauffman E.E.
Kelly Peter B.L.
Kinder David C.
King Alvin C.
Knowles Carl M.
Kovach John J.
Kunz Charles O.
Kyburz Edward P.
Lasko Helen D.
Lockett Donald N.
Longolius Walter C.
Lukrofka Lovell J.
Mabie George W.
Mann Carl K.
Marshall Donald W.
Marting Richard E.
Mattlage Raymond F.
Mc Dermott Arthur R.
Mc Nichols John R.
Mc Vey, Joseph S. Jr.
Meier Harvey W.
Mendell Robert H.
Mengel William K.
Middleton Douglas F.
Miller Chester E.
Miller Lester L.
Mooney Edward W.
Murphy William L.
Neidel Roger A.
Neustaedter Robert H.
Nichols John W.
Niederstadt Roland J.
Nolan Paul B.
Novotnak Frank
Packheiser Franklin Q.
Painter John L.
Parker R.C.
Parks John W.
Patten Robert I.
Paulsell William G.
Peetz Eugene J.

1950 continued

Pennington Robert J.
Peppers Robert E.
Ponder Robert M.
Preiss Robert K.
Rees George A.
Reisen Kenneth E.
Ries Frank W.
Roach Kenneth C.
Roberts J. Kent
Robison Leslie B.
Roenfeldt Harold R.
Ruenheck Raymond T.
Sakonyi John J.
Schnaedelbach Gerald
Schneider Norman F.
Scott James J.
Settgas Robert C.
Severtson Vernon S.
Shourd Roy R.
Silver Sidney
Sims Dale E.
Skinner, Milton R. Jr.
Slack Clayton F.
Slusher Robert C.
Smith, Robert E. Sr.
Spanier Lawrence A.
Springer Everett W.
Starke Robert E.
Stevens Billy
Strain Robert A.
Strong John F.
Szumachowski Edwin R.
Theerman Harold B.
Tibbs Harold E.
Timlin James B.
Trianda John
Tunncliffe Clarence J.
Unsell Vester B.
Van Nort John R.
Vogler, August J. Jr.
Wagner Bernard C.
Warfield, Raymond A. Jr.
Weingaertner John W.
Wilson Glenn E.
Wolfram Ralph E.
Wood Robert C.
Wright Harold R.
Yochum Kenneth H.
Young, Charles Jr.
Zerweck, Carl E. Jr.
Zimmerman Donald G.

1951

Anderhub Anthony P.
Arnold John M.
Baldwin William M.
Ballass John T.
Ballesterio, Antonio P. Jr.
Bellis Gerald B.
Bender Gerald H.
Blendermann Gene R.
Boscia Frank J.
Bowkley Herbert L.
Boyd Charles L.
Brady John R.
Brillos John W.
Browne Thomas C.
Brunkhorst Earl R.
Buettnier Melvin A.
Bullock Richard L.
Burkhead, Kenneth E. Sr.
Carthew Douglas J.
Comanich George W.
Dasenbrock Arthur A.
Dickens Richard L.
Donaldson George R.
Dowling, Donald J. Jr.
Dowling Neal B.
Dryden Joseph L.
Dulberg Irving
Dunn Ervin E.
Elbaum Jerome K.
Fahs Donald G.
Ferry C. Ron
Fris Joseph P.
Fritschen, Herman A. Jr.
Gabrielse Richard S.
Gardner, John E. Jr.
Gillen David U.
Givens William A.
Glenn David E.
Gould David S.
Hansbrough Frank G.
Hargus, Loren Jr.
Harper William S.
Heagler, John B. Jr.
Henson Gerald L.



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1951 continued

Hestetune Daniel G.
Hohlfelder Eugene F.
Holcomb Lester W.
Horst William E.
Huff Wayne F.
Irwin David M.
Jackson Earl E.
* Jeffers Phillip E.
Keller Gerald N.
Kennedy Harry E.
Kent Herbert E.
Ketter Richard P.
Kingsborough Donald G.
Kline Charles R.
Knight George L.
Lancaster Edgar M.
Lattin Judson M.
Lehmann Charles F.
Llewellyn Henry D.
Mansfield Richard E.
Mc Kee, William D. Jr.
Montgomery Donald D.
Moy Harry
Myslinski Frank J.
Napp Gordon E.
Oldenburg Ted J.
Packheiser Elmer D.
Parrish David D.
Pender Paul S.
Perryman, Joseph E. Jr.
Rieder Robert J.
Rober Donald L.
Roller Joe C.
Roller Raymond F.
Rolooff Don V.
Rushton William E.
Schmidt Vernon E.
Schweizer Charles T.
Senne Joseph H.
Sieck Ervin H.
Silver Milton M.
Simpson Thomas A.
Skiles James J.
Sobie Milton A.
Statler Clifford A.
Steinmetz Charles E.
Sundholm Arthur W.
Tarantola Bruce E.
Tatosian Vanagan
Theerman Wilbert K.
Tsai William
Van Bramer William G.
Vansant Robert E.
Venarde Jack H.
Watson Harry W.G.
Wile Larson E.
Wiseman Donald E.
Wolf Robert V.
Woodie, Roy G. Jr.
Wurtz Wade C.
Zeid Marvin C.

1952

Alvarado Frank T.
Bartel John G.
Basler Francis S.
Bauer Richard H.
Bilheimer E. Lee
Borberg James R.
Boyle James R.

* Deceased

1952 continued

Calcaterra Edward L.
Chorney Peter L.
Cox Willard E.
Davis Gedale D.
Delap Kenneth L.
DeLucca, Michael Jr.
Drummond Floyd M.
Ellison Guy C.
Evans John E.
Faulkner James R.
Ferguson Wallace
Finklang John W.
Freiberger Harold C.
Geers Joseph H.
Hallows, Raymond L. Jr.
Hausmann Paul L.
Hausner Paul H.
Heilich Raymond P.
Heilman Milton H.
Hockenbury Melvin C.
Holdman Leslie F.
Holmes Wallace H.
Huffman Gene A.
Jackson Wayne D.
Justus, Richard F. Jr.
Keil Byron L.
Knoebel Richard H.
Kronst Edwin F.
Lucido Peter J.
MacZura George
Maday Donald S.
Martin Dan W.
Matson Don D.
Mc Intyre, John F. Jr.
Meskan David A.
Michelotti Joseph E.
Newkirk Thomas F.
Nolan John B.
Oliphant Edgar
Pape Earl E.
Priest John E.
Reeves Ernest J.
Richards Turner W.
Rumsey Donald A.
Ruttinger Anthony J.
Schafer Robert P.
Schiene Quentin J.
Scrivner J. Roger
Stevens Everett G.
Stickie Dirck B.
Stinebaugh Thomas E.
Stopkey Waldemar D.
Strite Russell R.
Tarr Clarence M.
Unger Walter H.
Uthoff Robert F.

Dear Alumni Association,

This is the second year in which I have been privileged enough to receive your scholarship. I wish to thank all of you, very much, for your assistance in furthering my education. Your interest in the welfare of young people, such as myself, will insure the maintenance of a high standard of education in this country. With the rising cost of education and the diminishing opportunity for summer employment, financial assistance, of the type you have provided, has become an invaluable source of aid and I am deeply appreciative of it. I, in turn, hope to help support the endeavors of the Alumni Association, through participation and funding, when I have graduated from the University of Missouri-Rolla. Once again, let me express my warmest and most heartfelt gratitude for the reception of your scholarship.

Yours truly,
Fred Baganoff

1952 continued

Van Buskirk Lyman F.
Vance, James F. Jr.
Vanderheyden Eugene T.
Wakefield Roger E.
Walz Robert L.
Weeks Charles A.
Westerman Howard W.
Wheelock Leroy K.
Williams Dean N.
Williams Norman
Wolfberg Leonard H.
Yager O. Timken
Zachelmeyer Norman P.
Zedalis John P.

1953

Achterberg Ernest R.
Anderson Charles A.
Barton C. Dean
Bender John H.
Berry Charles A.
Boyd Marvin W.
Crane Harold R.
Creamer Edward L.
Dill Earl R.
Edwards Gene W.
Englund John O.
Flood Walker L.
Freebersyser George J.
Gjelsteen Thor
Hansen Peter G.
Haynes Myron B.
Heeger Charles H.
Howe Bernard F.
Jenkins Robert D.
Jones Vernon T.
Jost Robert D.
Katz Manfred
Kent, Nevada A. III
Knearem James L.
Koederitz Thomas L.
Kronmuller William W.
Lang Eugene A.
Lee Walter
Leponis Andrew E.
Lipensky Milan
Mason J. Lloyd
Nelson William F.
Oberschelp William F.
Park William R.
Patterson William E.
Poschel Eugene J.
Prickett Lloyd C.
Quatraro William
Robbins Clay
Roberts James F.
Ruppert Theodore A.
Sanders, Connelly Jr.
Scharf Fred
Seipel, John R. Jr.
Smith Bert L.
Spitler Robert C.
Stowe James R.
Strohbeck Eugene E.
Topel Maurice R.
Vienhage Robert P.
Wagner Frederick R.
Weinland Harold A.
Willis Henry R.
Yorston Howard J.

1954

Aceto Wayne M.
Burgett Max A.
Burns Fredrick B.
Cole Kenneth D.
Cole, Sidney J. Jr.
Conci Frank B.
Custead Jerry R.
Davis Russell E.
Dowell Jack B.
Gray Joe E.
Horine Robert A.
Hughes, Judson A. Jr.
Humphries Richard M.
Kemp, Arthur H. III
Kolb Richard C.
Krispin Joseph F.
Lo Wing-Cheuk
Patterson J. Robert
Pillisch Herbert P.
Poe Harry E.
Sipe William E.
Stewart William H.
Tiernon Carlos H.
Volker Vernon D.
Watkins Joseph S.

1955

Anderson James S.
Archer David W.
Baebler Arthur G.
Baker Chester H.
Barco Samuel U.
Barnds, Campbell C. III
Berg Richard O.
Boze Ralph E.
Broadus, Wayne R. Jr.
Brockmann Lester A.
Corcoran, Thomas A. Jr.
Davis, Ralph T. Jr.
Franklin James M.
Gessley Donald
Gilliam Dale D.
Godsey Terry L.
Hallett William M.
Haslett, Gerald W. Jr.
Jones Richard L.
Kaiser Richard L.
Kickham, Lawrence T. Jr.
Krieg Martin F.
Kummer Frederick S.
Lane, Thomas F. Jr.
Lansford Oris G.
Luehring Elmer L.
Maddox Arnold W.
McCarthy John M.
Oetting Robert B.
Padan John W.
Ray Herman A.
Schuman Charles W.
Scott Julius N.
Smart Samuel
Smith Benjamin K.
Stanhope Richard D.
Stimson William R.
Thoele Howard W.
Tucker Paul B.
Van Buskirk John R.
Vaughn Charlie F.
Webster, Royal S. Jr.

1956

Altheide Charles R.
Baumgartner George R.
Boyd, Virgil C. Jr.
Brawley John M.
Doe Bruce R.
Ellis Elmer
Grinstead Willis G.
Hart Norman E.
Herndon Richard S.
Hughes Richard A.
Jenkins Lloyd H.
Jones Billy R.
Jurenka Gilbert G.
Lieberman Warren
Mc Coy Charles J.
Moore Robert E.
Morales Aguilar Victor M.
Murphy Larry L.
Reetz, Arthur Jr.
Remmers E. Paul
Reser Donald E.
Riley Kenneth G.
Sauer, Harry J. Jr.
Schilling Dale J.
Schmidt Harold A.
Schmittou Clay J.

1956 continued

Schramm William W.
Senior George L.
Statler Kennyn D.
Steffan Kenneth F.
Suhre, Maurice E. Jr.
Unnerstall James A.
Vallez Michael H.
Williams Don E.
Yancik Joseph J.
Yiannos Peter N.

1957

Alexander William
Bates David W.
Berg David W.
Bohling William C.
Bowers Donald R.
Brown Phillip O.
Clodfelter Gene C.
Conlee Jack L.
Davis Gary W.
Demzik William G.
Ellis, Walter H. Jr.
Emery John R.
Franklin Billy W.
Fuller Robert G.
Gerlach Paul D.
Giffin Billy J.
Greenwalt Don R.
Harbaugh David L.
Haubold Niels B.
Heagler Richard B.
Humphrey Richard L.
Hussey Raymond L.
Johnson James W.
Johnston Waymon L.
Kalin Thomas E.
Kick David D.
Kolb Donald W.
Kozeny Donald J.
Matz, Alexander H. Jr.
Metz, Gilbert F. Jr.
Mitchell James L.
Neely Liston E.
Pyle Elmer G.
Reuss Lloyd E.
Roth Donald J.
Schneider Robert W.
Slates Elmer F.
Soper William S.
Stoll Joe A.
Tanquary Clifford C.
Tolliver Jack E.
Vetter, Clarence J. Jr.
Warren Robert N.
Watwood, James E. Jr.
Webb Jerry J.
Weldy Charles R.
Wentz, Charles A. Jr.
Williams Russell E.
Zimmerman Richard A.

1958

Andreas Wayne T.
Anspach Earl E.
Buchanan John O.



1982 Rollamo



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1958 continued

Capone Donald W.
Capps Robert O.
Correll Howard D.
Cox L. Fred
Cullen Michael J.J.
Cummings Bradford C.
Daniels Leslie C.
Day Delbert E.
Dull Melvin J.
Dye William B.
Garrett, James H. Jr.
Gerwert Philip E.
Graden, William F. Jr.
Gregory Donald B.
Hardebeck Harry E.
Haydon Jack B.
Head Eldon W.
Herrmann, Paul O. III
Hofstetter James F.
Hudson Melvin C.
Jones Clintford R.
Konrad Richard J.
Lewis B. Neil
Littlefield Jerold K.
Mason Dennis E.
Mc Govern Donald R.
Miller R. Lary
Minton Robert C.
Modesitt Donald E.
Mosby Freddy L.
Munger Paul R.
Niedermeyer, O. David Jr.
Okenfuss Richard H.
Phillips Raymond E.
Pisacane Louis A.
Schiermeier John J.
Schmidt, E. Robert Jr.
Sfreddo Humbert E.
Smith R. Thomas
Starkweather Gilbert
Sucher Robert W.
Suddath James N.
Sullivan Charles H.
Sutton David A.
Taylor Paul W.
Tomazi George D.
Unnerstall Lester A.
Vetter Ronald F.
Vitek Richard K.
Watts Charles A.
Weems John C.
Wegener Ronald E.
West Billy B.
Winter Lester H.
Wright George F.
Young Ralph O.

1959

Adams John C.
Auberry William D.
Baum, Frank L. Jr.
Bohl Carl D.
Bolon, Lucien M. Jr.
Boxdorfer Robert L.
Bramon, Gerald A. Jr.
Cain, Clarence Jr.
Carroll Warren J.
Cavalier Frank D.
Cawns Albert E.
Chico Raymundo J.
Courson, Lee R. Jr.

1959 continued

Crapnell Don W.
Feaster Donald R.
Gilmore, Rex A. Jr.
Goldin Herbert A.
Green Sidney J.
Hahn James H.
Hess Robert M.
Higgins Mike J.
Hoffman Anthony E.
Hornsey Edward E.
Hudgens Lowell L.
Itschner Emerson C.
Janes Frank E.
Johnson Gordon E.
Johnson Philip R.
Kennedy Ralph C.
Kieffer, Alonzo R. III
Koederitz Eugene H.
Kruger William A.
Kucharski Edward A.
Langstaff John T.
Lemberger Robert A.
Lindsey Kenneth R.
Lum Harry K.
Lutz H. John
Madigan Dennis D.
Mattingly Raymond C.
Mc Haffie Gerald T.
Metcalf Gerald L.
Mitchell John F.
Morgan George H.
Neumeier Leander A.
Oberlander Richard K.
Pugh James E.
Puntney Albert W.
Ratliff John L.
Reichert Joseph F.
Robinson Marquis B.
Ruester John T.
Scharf Joel S.
Schoonover Donovan K.
Schumacher Carl R.
Shoemaker James L.
Smith Gaylon G.
Spruill Victor F.
Stevenson Gerald L.
Swanson Kenneth A.
Tackett Charles E.
Thompson Billy J.
Vitali Joseph D.
Volker Ronald E.
Waxman Stanley
Weinholt James E.
Wieker Richard H.
Wood William S.

1960

Akmakjian Charles
Alyea Jerrold M.
Anderson John C.
Bartlett Sylvan
Batubara Kasmir A.
Belew Robert R.
Benz Paul W.
Boston Lawrence A.
Bramfitt Bruce L.
Burke Thomas D.
Cappellari Lewis C.
Chen David K.
Cooper Lloyd E.

1960 continued

Corbin Kenneth D.
Cox Kenneth R.
Del Prete, Anthony Jr.
Dickens Walter H.
Flanigan Virgil J.
Fulton Frank W.
Gilbert William J.
Gilmore Jerry L.
Gustafson George R.
Hawk Ralph L.
Hershey Harry C.
Hoffmann Victor J.
Hunter Charles E.
Hyatt Gordon R.
James, Ronald C. MD.
Jones Robert G.
Jordan Paul R.
Jordan Thomas M.
Justus Jimmie J.
Keshari Hossein R.
Kieffer Robert C.
Klebba Kenneth T.
Lemke Merrill M.
Loebs Herbert A.
Lukowitz Gregory J.
Manley, William H. Jr.
Maxton Ralph C.
Mc Daniels John L.
Mc Neely David C.
Mertl Eugene E.
Moellenbeck, Albert J. Jr.
Moit Daniel D.
Moyers Gerald E.
Munsell B. Douglas
Odendahl Leo A.
Patterson Gary K.
Ponzer Henry L.
Price David E.
Ray Eugene E.
Rephlo Louis C.
Reynolds Maurice M.
Rizer Gene C.
Schofield Gene L.
Siron Robert E.
Steinmann Walter D.
Tayloe Leo F.
Testerman Roy L.
Tharp Charles E.
Todd Lamar S.
Vacca Herman L.
Vansant Carl A.
Watson Frank
White Robert M.
Wood Kenneth W.
Zacheis Paul R.

1961

Amsler Larry C.
Annis Donald J.
Baur Richard A.
Besleme James H.
Bolander Richard W.
Brenning Eugene D.
Brinkman Glen A.
Brunkhorst Lloyd E.
Burlage Donald W.
Curson William N.
Dewing H. Harvey
Dix Larry L.
Evans Donald L.
Farmer Larry E.
Featherston C. Ronald
Flood Thaddeus F.
Fowler Martha S.
Gerhart Bill L.
Grannemann H. Neal
Henning William A.
Henry Kenneth W.
Hodges John L.
Hollenbeck Charles F.
Horton Wayne C.
Jacks Frank E.
Jacob Anthony J.
Jatem Julian S.V.
Kearney Michael C.
Kurtzhals James D.
Larkin John M.
Latzer John C.
Lawler Willis D.
Leu, Juan Jr.
Lewis David M.
Liao Juan L.
Loftin Floyd E.
Logan Robert M.
Marble James B.
Marosek Charles F.
Maune David F.
May William L.

1961 continued

Mc Gillan Cecil E.
Mc Laughlin, Eugene J. Jr.
Mc Nabb Jesse E.
Mears A. Dale
Merritt John F.
Meskan Allen W.
Mills Terry L.
Mobley Gene H.
Mungie Burlin D.
Myers Donald D.
Nix James L.
Nolfo Louis J.
Odom James T.
Ostmann Donald A.
Patterson Barbara R.
Peterson Jay A.
Pfeuffer Ronald R.
Pietsch Earl
Randolph Robert W.
Redline Richard H.
Saxer Meredith H.
Siesennop W. Wayne
Smith Neil Ed
Southern Merle E.
Stidham James A.
Stone Tony C.
Story Jesse A.
Tegland Edward R.
Theobald Thomas A.
Toepfer Louis E.
Waldecker Donald E.
Walker, Harvey J. Jr.
Walton John W.
Weber Roger C.
Worley Morris T.

1962

Affolter Allen L.
Baker James L.
Baxter Kenneth D.
Bednar Charles J.
Brady Francis J.
Breitenfeld Richard T.
Burtin James D.
Busch Ray E.
Chen Cary C.
Cleve Bernard F.
Coyle, R. Tom Jr.
Dave Bhalchandra T.
Dergregorian Heros
Duvall H. Pat
Einsel Miller D.
Engineer Rajendra B.
Funsch Owen B.
Gaertner Douglas A.
Gormley James M.
Haas Donald W.
Hake Leroy W.
Hallerberg William L.
Hammond Michael W.
Harvey Lawrence E.
Hatfield David C.
Haushalter Frederick W.
Herzog Michael S.
Johnson Richard T.
Jones Jack H.

Dear Alumni Association:

I would like to take this opportunity to express my sincere appreciation to you for making it possible for me to receive the Alumni "Special" Scholarship.

I plan to make the most of this opportunity by working hard and using the scholarship to its full extent. Again, thank you for making this honor possible.

Sincerely,
Jeff Hampton
DeBoard St.
P.O. Box 142
Mountain View, MO 65548

1962 continued

Kadakia Jayant S.
Kallemeier Robert E.
Kamper Russell A.
Lamber C. Kurt
Nowinski Stanley W.
Obermark James R.
Odegard Milton A.
Ploeger Richard A.
Rencehausen Gerald P.
Reyburn Michael K.
Roussin Robert W.
Smith Memphord L.
Smith, Menard O. Jr.
Sousa-Poza Avelino
Speckhart Frank H.
Stearns Jerry D.
Stigall Paul D.
Sullivan John V.
Sullivan, William L. III
Teske James E.
Toiman Carl
Uhe Gerald C.
Van Doren Thomas P.
Welch Gary E.
Wilbanks Bill O.
Wilson Robert J.
Wilson William L.
Wuerz Donald E.
Zychinski James A.

1963

Anderson John H.
Andoe W. Victor
Bartling Donald L.
Baumbach Dale M.
Benn Edward
Buck Richard L.
Burton Robert R.
Clark Dennis A.
Clements John L.
Close Maxwell L.
Dauernheim Woody D.
David Edward G.
Dodd Curtis W.
Dressel, Theodore H. Jr.
Farmer, John O. III
Glassel Clifford
Grimes Leonard
Herron George F.
Huston Robert E.
Jaeger Benjamin W.H.
Jaquay Richard L.
Klutho Allyn R.
Knox, James R. Jr.
Koester Robert D.
Kreikemeier Craig G.
Lamb John C.
LaPlante Allan H.
Lasmanis Raymond
Libiez James D.
MacGrindle Colin C.
Machmeier Paul M.
Markland Robert E.
Martin Wade A.
Miller Paul H.
Morgan Harry B.
Mueller Gary D.
Naiknimbalkar Narendra M.
Niblock Glenn A.
O'Brien Michael G.
Packwood Donald L.
Poush Kenneth A.
Rifai Sami H.
Robertson Ronald S.
Robison James B.
Schaefer Seth C.
Schillinger George R.
Schuchman Norman J.
Schwenker Robert O.
Shalton Lonnie J.
Sieckhaus Robert H.
Skamenca David G.
Smith Sam L.
Taylor Glenn R.
Thompson Larry D.
Tomasek Anton J.
Trautman Dennis R.
Van Buren James K.
Vandergriff Wayne L.
Vaninger Jon L.
Williams Ronald R.
Zieba John D.
Zink Richard C.

Dear Alumni Association,

I would like to extend a "Thank You" to everyone involved with the transfer scholarship I received for the 1982 academic year.

The scholarship is greatly appreciated. With programs such as this for helping students, it will make me very proud to someday be an Alumnus of UMR.

Thanks Again,
Charles F. Kaiser

1964

Ashley Carl G.
Bailey Keith E.
Bartel Donald S.
Beegle Donald W.
Broeking Kenneth W.
Buescher Alfred J.
Campbell Charles E.
Cassell Ralph M.
Chervitz Jerrold
Chronister Thomas G.
Collins James W.
Corwin Robert F.
Cutts James F.
Edwards Harry K.
Ellebracht, Clarence A. Jr.
Eppelsheimer, Daniel S. II
Ferrell C. Stuart
Fournelle Raymond A.
Gardner Donald T.
Garlich Thomas K.
Glaese John R.
Gudermuth, Clyde S. Jr.
Henry James M.
Herrmann, Frederick W. Jr.
Hill James L.
Holland Gary R.
Holley Robert G.
Hudelson John R.
King, Frank W. III
Kirchoff William S.
Kraus Ronald W.
LaRose, T. Harrell Jr.
Limberg John F.
Martel Arthur O.
Martin Carl D.
Meehan Michael E.
Michel David J.
Mochel William R.
Moore Richard I.
Muns Bennett L.
Murry Milton J.
Nichols Elwood B.
Ombalski, Stephen Jr.
Painter Dennis W.
Parkinson Larry L.
Parr Richard A.
Peacock David N.
Peters Donald G.
Pohlig Kenneth D.
Quan Choon K.
Raidt Paul B.
Raney Edward M.
Reinheimer Charles J.
Reuling Donald O.
Royer Leroy J.
Sanders Laurence R.
Schmidt Richard L.
Simmons Michael F.
Sowell, Lewis C. Jr.
Steinkamp William E.
Stuart Robert L.
Suetterlin Jack F.
Tao Frank F.
Taylor George H.
Terry James W.
Treffinger David J.
Voorhis Gary L.
Weaver Samuel C.
Wiebe Dirk H.
Wilson Tommie C.
Wu Chang-Yu
Zimnick, Harold E. Jr.
Zunkel A. Doug

1965

Arnold Richard I.
Aubrecht, Ladimir J. Jr.
Barr Ralph S.
Bass Paul J.
Bergt David E.
Bicknell Hilton B.
Bitting James L.
Blume David J.
Branson Eugene A.
Branum William H.
Brunner Gary D.
Bugg Donald A.
Bugg Stephen F.
Butler James L.
Cline John L.
Cline Larry G.
Cook Thomas W.
Cope William R.
Dabner M. Kim
David, D. Dan Jr.
Deken Louis R.
Dillion Ronald K.
Doll Warwick W.
Dorf Roger A.
Franklin, Willie L. Jr.
Furby John R.
Gaylord Thomas K.
Giger, D. Franklin Jr.
Goodman Daniel K.
Griffin Paul D.
Habenicht W. Helmut
Hafeli Dwight T.
Hammen B. Dennis
Hanna Charles K.
Herrera Armando J.
Hoffman David J.
Hrastich Thomas A.
Huang Terry T.
Hurst Donald W.
Joiner Bruce B.
Junge Gregory
Kallor Jay S.
Kettelkamp Robert L.
Kettelkamp Stephanie
Kettler Gerald J.
LaPresta Samuel J.
Lasker M. Owen
Lassley Richard H.
Lee Stephen K.
Li Charles T.
Liu Wan-Cheng
Marlow Charles F.
Martin Charles R.
Martin Terence N.
Mc Cracken William E.
Miller David A.
Morgan, Grover D. Jr.
Morgan J. Derald
Mulyca Walter C.
Myrick, Charles R. III
Nielsen Darrell M.
Pasek Theodore D.
Peirson Robert C.
Picker Melvin L.
Ryan Robert J.
Shah Rashmikant L.
Shaw Nancy H.
Shelby, James E. Jr.
Silvers, Paul L. Jr.
Smith Frederick J.
Smith John W.
Smith Michael D.
Spivy Paul L.
Steimley John F.
Stickler Roger H.

1965 continued

Sundermeyer Robert W.
Sunkel Thomas M.
Suthipasnarupon Anant
Terry Richard L.
Thiede Alfred J.
Thomas, Donald O. Jr.
Toedtmann Charles H.
Towers Terence G.
Vance Macy W.
Vekaria Dinesh K.
Wahler, Vincent C. Jr.
Wang Wen-Li
Wells William L.
Whitten, Travice W. Jr.
Wilson Clyde W.
Zimmerman Wayne M.

1966

Bachman David A.
Barnes, Charlie M. Jr.
Beger William K.
Behring Allen G.
Bennett Patrick B.
Blumfelder William O.
Boehmer Jerrol L.
Brady Dale E.
Brynac Michael J.
Buchmeier, Frank A. Jr.
Bufalo David J.
Chaffin Glen N.
Coco Matteo A.
Davis Jerry W.
Davis William F.
DeClue Duane H.
Dreisewerd Douglas W.
Dunn Harry E.
Dycus James P.
Ellison Donald R.
Evans Larry G.
Fiebelman Harold E.
Foss Glen N.
Fukubayashi Harold H.
Fuller Donald L.
Gray James C.
Hayes Edward D.
Heider Robert L.
Higbee James M.
Hogue, Robert W. Jr.
Holt, Thomas B. II
Howell John D.
Huddleston, James A. Jr.
Hughlett Michael L.
Jennings Donithan R.
Jozwiak Philip A.
Kirberg Leonard C.
Klug, Alfred E. Jr.
Kramer Ralph H.
Kruep Raymond J.
Lytle, Glenn A. Jr.
Mason, John T. III
May Thomas J.
Mc Carron, Robert L. Jr.
Mc Kinnis Larry N.
Mehta Jagdish M.
Meier Thomas O.
Meyer Robert W.
Mohr John W.
Moran Michael D.
Moss Edward A.
Munn Dale A.



1982 Rollamo

1966 continued

Panhorst, Albert C. Jr.
Pollack Leslie A.
Presley John R.
Rauer James M.
Rich Larry M.
Richardson Richard A.
Roberts Loy D.
Saranita Thomas V.
Scheer Samuel A.
Schroer James B.
Scott Kenneth R.
Seitz Stephen
Shiells James
Slocum Roy W.
Steele James D.
Stewart, Leslie D. Jr.
Stockhausen William F.
True John E.
Umpfrey Ronald W.
Uthe Floyd H.
Wehmeyer David P.
Wesley Darrell K.
Weyand Thomas E.
Wilkins Roy A.
Williams Maurice A.
Woodbury Franklin B.W.
Woodfield Richard A.
Yung Shu C.

1967 continued

Medlin James M.
Mikelionis Lawrence J.
Nelson David A.
Owens Gary S.
Perkins Michael A.
Ponnwitz Alfred J.
Prater Nick L.
Rao Yalamanchili
Rathbun Donald G.
Ronzo Robert J.
Rouse David M.
Rueh Kenneth W.
Sadowski John M.
Scanlan James W.
Scarpiero Donald C.
Schloman Alan H.
Sears Thomas J.
Seth Raj B.
Smith Robert T.
Thom Richard D.
Turner Robert E.
Vogelpohl Richard P.
Wagner Richard V.
Webb William D.
Weise Theodore L.
Wolf John D.
Young Lawrence M.
Zwiener James M.

1968 continued

Parker Dennis R.
Pender Stephen N.
Perry Norris W.
Pogue Jerry G.
Porter Clayton G.
Rueter Richard E.
Schardi, Joseph M. Jr.
Schenk Richard W.
Schneider Richard L.
Schowengerdt Robert A.
Sidlowski Ronald E.
Smith Ronald G.
Storrs Stuart M.
Strauss Stephen R.
Strebler Michael X.
Thiessen Gerald R.
Thomure Daniel F.
Unternaehrer William E.
Vehige Richard J.
Ward Daniel K.
Wlos Paul M.
Wright Stephen A.
Wristen David B.
Youngman James A.
Ziegler Karl F.
Zoellner Lynn E.

Dear Mr. Mackaman,

The Financial Aid Office has informed me that the UMR Alumni Association has awarded the Clyde W. Hall Scholarship to me in the amount of \$750.00. It was also said to be renewable, dependent on my continued academic achievements.

It is with deep gratitude that I express my thanks and appreciation to the Association for their consideration and for the award. It will help to insure my being able to continue my studies at UMR. It is my hope that in some future year I will be able to assist some students in a similar manner.

Sincerely,

Timothy Schoenecker
5701 Delor St.
St. Louis, MO 63109

1967

Adamick, Chester J. Jr.
Altman Barbara H.
Bauer, Joseph W. Jr.
Bauer William C.
Bevel Jerry E.
Bodell Timothy J.
Browne Michael J.
Capone Gary J.
Carl James W.
Cissell Milton C.
Cummins Robert W.
Degenhardt Eugene A.
Delashmit William E.
De Long Carl E.
Doerr Jerry W.
Dougherty Thomas J.
Dyer Garvin H.
Evans John M.
Ferretti Michael E.
Feuchter, William H. II
Fouts Gary L.
Fricke Bernhard D.
Fritschel Larry E.
Gass John W.
Guvenir Yavuz M.
Hachmuth Henry K.
Hansen, Stanley S. II
Hardy Michael E.
Herbold August E.
Hodges Phillip F.
Hopkins Wayne J.
Houser James D.
Hydzik Richard M.
Inman Paul L.
Kalia Hemendra N.
Knepler John R.
Lebo Jerome M.
Mc Millen T. Michael
Mc Mullen Clifford C.

1968

Astrack Richard F.
Ayars Robert S.
Bell Gordon W.
Berger John M.
Brand John R.
Brooks Ronnie E.
Brubaker William R.
Chadwick Jack L.
Chao S. (Steve)
Chapman K. Ron
Choate Larry D.
Clayton Michael S.
Cowles, James C. Jr.
Dearth David W.
Dillon Paul H.
Doerflinger Arthur E.
Ecoff, Ralph A. Jr.
Eggers Stephen H.
Faintich David M.
Furst David L.
Gerhard Gary E.
Goedde Joe G.
Halterman Leroy
Heitzmann John E.
House Phillip M.
Huett Michael S.
Jespersen Terry R.
Keppel James R.
Koederitz Leonard F.
Koegel Frank R.
Lewis Leland
Luebbert, Lawrence H. Jr.
Mabry Dwayne P.
Manson Donald A.
Maycock Barry F.
Michel Joel K.
Miltnerberger James L.

1969

Andreae Robert A.
Andrew, William K. V
Ascoli Don M.
Basa, Laddie A. Jr.
Becker, Theodore H. Jr.
Bentz Jerry L.
Berry John J.
Bondurant Frederick N.
Boring William D.
Bourne Donald W.
Brandhorst Lynn D.
Breeze Thomas E.
Brice Bradley W.
Brinkopf Robert L.
Bruce Robert S.
Brune Robert H.
Bruzewski James R.
Buerke Eugene B.
Bulla Frederick W.
Case Glenn R.
Chang James J.
Chow Robert Y.
Collins William E.
Cooper Larry M.
Coulter Stephen J.
Cowen Joseph E.
Craig Charles M.
Cretin Paul F.
Daneshy Abbas A.
Davidson William G.
DeSpain David R.
Eason James S.
Ebeling John A.
Foster Charles W.
Franke Richard E.
Frazee Richard W.
Gentzler, Edward C. III
George David R.
Gerig Martha M.
Givan Guy V.
Gray David L.
Gulick Gary M.
Halladay Harold W.
Hawkins Rodney B.
Hung Samuel S.
Johnson Jerry L.
Jozwiak Vincent R.
Kelahan Michael E.
Kerns Wayne L.
Kmecz Glenn M.
Knauf William R.
Koenig Gary R.
Koester Richard W.
Kruvand Daniel H.
Labit James R.
Long John R.
Lowe William S.
Maneeratana Kriengkrai
Masterson Dennis J.
Mertens Michael L.
Mintner David C.
Niehaus Robert L.
Oldham Douglas G.
O'Neill James A.
Ozorkiewicz Ralph L.
Randall Rodney O.
Roam John H.

1969 continued

Roberts Omer H.
Rytter Noel J.
Saunders Martin J.
Schmidt Lonnie D.
Schmidt Robert W.
Seaman Robert L.
Shaefer Raymond T.
Shini Asaad S.
Slater Michael W.
Smith Brian W.
Smith Larry R.
Sowers James R.
Spalding Theodore J.
Stahl Joseph W.
Steffan Cheryl A.
Stevens Robert W.
Strauser Claude N.
Tomlin, Glenn P. Jr.
Walker Darwyn E.
Wansing Alvin D.
Westfall, Lewis E. Jr.
Wiesenmeyer John C.
Wilson Patrick J.
Zenge Thomas L.
Zimmer John J.

1970

Adler Robert B.
Alexander William D.
Allison Melvin R.
Andreae Vicki M.
Baker, Walter A. II
Balaban Theodore S.
Bausell Richard A.
Beardsley David D.
Benavides Francisco
Berger Dean A.
Birk Douglas G.
Bischoff Robert F.
Branham John E.
Branum Lloyd B.
Bray Michael E.
Breedon James D.
Brown Willis L.
Burk Earl D.
Butler Carol J.
Calfee Karen S.
Calton Lynn B.
Carter John B.
Chapman Richard G.
Cheek Michael R.
Corbett Timothy P.
Davidson Patrick G.
Davisson David C.
Dawson Gene C.
Degen, Gerald D. Jr.
Denney Kenneth L.
Dietrich Randall G.
Doering Frank J.
Dolata Edward W.
Donaldson Albert L.
Dorroh, Robert F. III
Durham Terry E.



1982 Rollamo

1970 continued

Engineer Roy
Feurer John A.
Finkelstein Michael A.
Fitzgerald Richard J.
Ford James A.
Friese Michael M.
Garrett, Jack T. Jr.
Gaston Charles B.
Glynn Michael G.
Griffin Ronald D.
Habegger Ronald L.
Hager Harold W.
Hahn Joseph K.
Hankins David R.
Heine Bernard J.
Henson Phillip L.
Hoeckelman Leslie
Hohenberger Frederick J.
Homyk Terrence J.
Huebner Charles E.
Ilavia Piloo E.
Jaggi Dennis F.
Jensen R. Gene
Jones David B.
Kao Ching-Nan
Kaplan Mark S.
Kemp Wayne R.
Killgore Ross D.
Knapp Larry J.
Kone Franklin W.
Korth Michael V.
Kruckemeyer, William C. Jr.
Kuebler Kenneth L.
Kuenz James M.
Kuss Joseph K.
LaBoube Roger A.
Larsen, Glen A. Jr.
Lindquist Craig A.
Lueddecke Donald E.
Marchiando Anthony F.
Matoesian David H.
Matthews Jerry L.
Mc Gath Michael R.
Mc Kelvey James B.
Metz, Kenneth L. Jr.
Midden Leo W.
Mikkelsen Clark D.
Mirly Kenneth A.
Morgan Mark D.
Morris James L.
Morris James R.
Mouser Gerald F.
Murray Charles J.
Nebel Thomas C.
Neumeyer Donald G.
Niesen Richard E.
Nolte Curtis E.
Oliver Larry J.
Owens, Edmund W. Jr.
Pierson Ossean E.
Portnoff Neil S.
Potzmann Clark A.
Prater John B.
Ramey Roy R.
Rauls Gary L.
Ray James A.
Rechner James J.
Reed Michael L.
Reynolds Joseph C.
Riley Richard K.
Robinson Guy M.
Rooney Michael J.
Rosenkoetter Arthur I.

Ross Lenard H.
Rowan James M.
Rushing Allen J.
Schamel, Walter S. III
Schellman Leon H. (Max)
Schiffner Larry L.
Schmidt Michael G.
Schmidt Robert L.
Schmidt Thomas E.
Schwager John L.
Sizemore, Lamar T. Jr.
Smith Beverly D.
Soong Philip J. J.
Stephenson Michael W.
Swinny David W.
Tenes Edward B.
Thomas James P.
Thompson Earl A.
Tolle William L.
Tsay Liang-Juan
Umphenour Charles F.
Vaughn Paul E.
Wagner Peter
Warner John R.
Wattenbarger James C.
Webb Robert J.
Weber J. Scott
Wedge W. Keith
Williams Anita L.
Williams Richard K.
Younker Forrest A.
Zieger, James B. Jr.
Zylich Ronald G.

1971

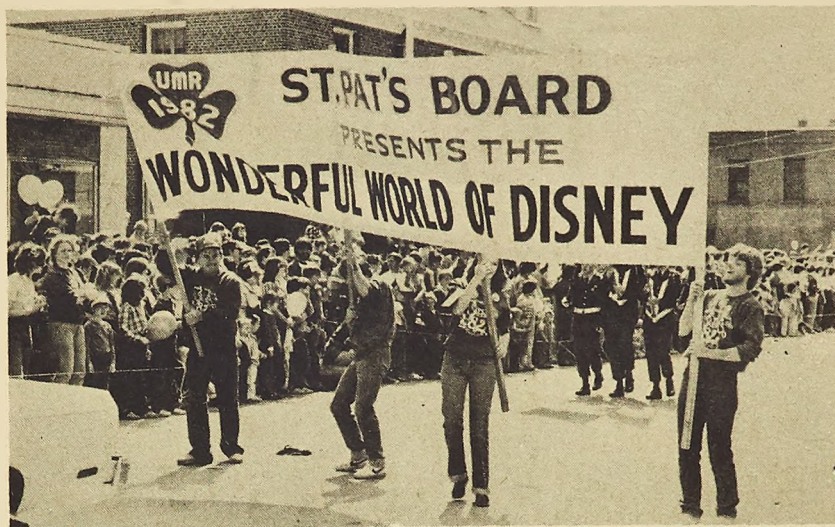
Abdel-Latif A. Ismail A.
Abernathy Mrs Gene
Akers Fred P.
Allen, John E. Jr.
Arant William S.
Bartley, William H. Jr.
Bennett Billy E.
Benoy Leslie D.
Bentzinger Robert
Berkbigler Larry W.
Bondi James O.
Bondurant David W.
Bryan David O.
Buckwalter John R.
Budd Vincent J.
Butchko Robert G.
Butler James A.
Callanan David M.
Campbell Larry W.
Chapman James M.
Chen Tak M.
Chouarain Michael L.
Conger Glenn J.
Conner Danny R.
Cook Michael M.
Council John R.
Cranmer Robert M.
Creason Gary W.
Deaver Randall L.
Dippold Jack D.
Ditch Dennis W.
Donze Terry W.
Dostal Gregory G. J.
Downing Kenneth B.
Dufner Carl D.
Ektermanis John A.
Elliott Joseph O.
Eppestine David A.
Erickson Gordon L.
Etwert Charles M.
Fair Michael W.
Farrell John S.
Fisher Michael S.
Forrest Ryan L.
Galler Wayne J.
Gallup Archibald M.
Gayer John G.
Gladish Lee A.
Gray Howard W.
Greene Thomas L.
Gucciardo Terry A.
Haberl Eugene H. A.
Halter Edward M.
Hart Gerard J.
Hayden Thomas M.
Hellwege James W.
Hervey Dennis J.
Herzog Bruce E.
Hubbard Robert D.
Ibarra Cheryl A.
Jacks, Robert W. Jr.
Johnson Robert J.

Gentlemen:

I wish to express my appreciation for being selected the recipient of the Alumni "Special" Scholarship for the 1983-84 academic year. I have anticipated entering the University of Missouri-Rolla since I developed an interest in engineering. Thank you for making this opportunity one step closer to reality.

I hope to prove a credit to your association in receiving this award.

Sincerely,
Stephanie Carter
1121 N. Buchanan
Maryville, MO 64468



1982 Rollamo

1971 continued

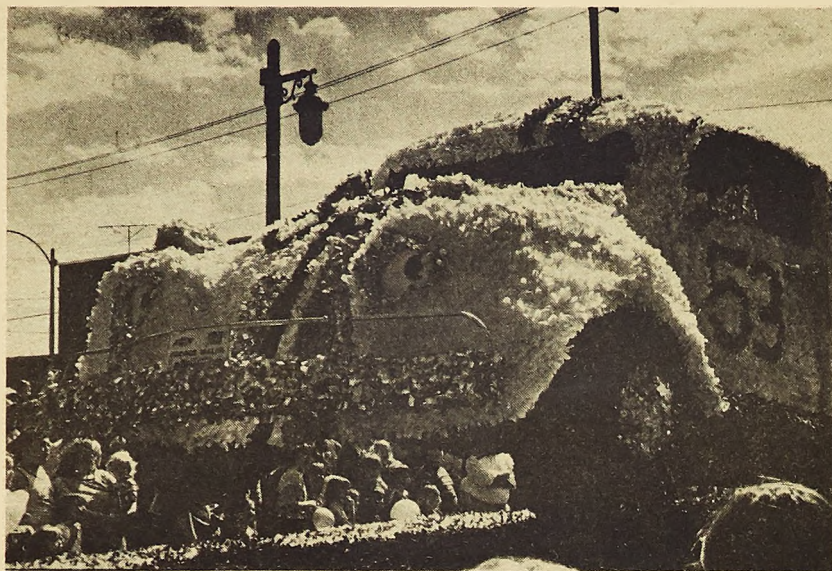
Jones James H.
Katin Jon D.
Keen Jerry G.
Kennedy Brenda S.
Kerscher Thomas E.
Kirchner Frank S.
Klotz James A.
Kuhn Terrel E.
Marcellus James R.
Mc Cormick Larry L.
Mc Cormick Robert S.
Meng James C.
Merwin James R.
Mohalley Robert P.
Moore Ronald T.
Nolan Lawrence E.
Osseck Patrick M.
Overturf Richard D.
Parker Robert L.
Parkes Roger D.
Polich, Victor J. Jr.
Potashnick Reginald B.
Pottinger Jan M.
Raithel James F.
Redington Stephen L.
Reynolds John A.
Robinson Gordon D.
Sandella Michael S.
Sandhaus Henry W.
Scherrer Paul K.
Schulze Roy E.
Seabaugh Allen W.
Shanes Charles W.
Sherwood Robert E.
Simon David M.
Smith G. Dan
Smith Gregory P.
Stanfield Dennis E.
Talbert Keith E.
Tayloe Charles H.
Ulrich James G.
Wade Philip J.
Widner Gary W.
Williams Raymond R.
Wilreker, Victor F. Jr.
Yeh Shen K.
Zeisel Keith S.
Zlatic Milton I.

1972

Allen Michael P.
Alspaugh David H.
Anderson John R.
Bachmann David E.
Bartoli Ernest C.
Bell Arthur H.
Berry Robert T.
Blizewski Brent
Bodeman Alan L.
Bontz Daniel L.
Book Neil L.
Bottom Carey B.
Boyd Stephen J.
Brose Robert L.
Buhrmester Earl K.
Busch Kenneth L.
Butts James D.
Carson Alan W.
Chenoweth Daryll W.
Chien John F.
Cole Hugh E.

1972 continued

Collings James R.
Curth F. Oscar
Davidson Keith G.
Davis Robert S.
DeClue Gary L.
DeRiemer Daniel L.
Dicken Stanley C.
Dietrich Andrew R.
Dougherty Ronald L.
Dunn Wyatt M.
Edwards, John W. Jr.
Egbert Robert L.
Eyerma Thomas J.
Faust Ronald G.
Fletcher C. Scott
Frisbee Daniel E.
Garrett L. Wayne
George John S.
Gross Edward P.
Gundy Douglas G.
Halbert Jeffery L.
Hanson Steve A.
Harms Barry A.
Harris George L.
Hart, James F. Jr.
Hellrich Linus H.
Herrmann James R.
Heseman Calvin R.
Holliday Robert L.
Holt Michael L.
Hunding, Carl W. III
Ibarra, Santiago Jr.
Illian Don L.
Jones Alan W.
Klein Robert E.
Kriegshauser, Paul C. Jr.
Lambe Clinton R.
Lauth John A.
Leavitt Dallas R.
Lester Freddie H.
Lyon James S.
Marek J. Douglas
Matthes, Alfred W. II
Mc Cormack, Howard F. Jr.
Minden Francis J.
Miodunski Robert L.
Moody Robert A.
Moore, Charles C. Jr.
Mueller Kent W.
Mugan John W.
Mulligan, James A. III
Myers, Charles T. III
Myers Kenneth R.
Nelson Steven F.
Neutzling Gary M.
North Michael A.
Ochoa Juan G.
Oliver Daniel L.
Ostermann Norman P.
Park Dean A.
Partridge Ralph M.
Phillips Darold L.
Phipps John O.
Pitt Dale M.
Politte James E.
Puettmann David R.
Radder Norman C.
Radder Paula D.
Riegel Richard J.
Scheibel Thomas E.
Schlett Paul E.
Schmoldt Hans K.
Schneider Richard C.
Schoenefeld, Karl F. III



1982 Rollamo

1972 continued

Schuessler Richard B.
Sindel, Marvin V. Jr.
Smith Russell D.
Stehly Daniel W.
Summers, Alfred L. Jr.
Susanj Jeffrey L.
Tate Ralph D.
Taylor Michael E.
Taylor Philip G.
Taylor Roger K.
Tenfelder John W.
Thompson Wayne F.
Trancynger Michael L.
Vandiver Gary W.
Vogelpohl David R.
Volkmar Robert W.
Wallach, Daniel L. Jr.
Ward Joseph R.
Wassilak John R.
Werthman, John P. Jr.
Widmer Rex C.
Wissmann, Harold J. Jr.
Woosley David E.
Zerwig Larry J.
Zimmer Paul A.
Zinselmeier Albert E.

1973

Anderson Glenn R.
Anderson Michael B.
Bade Norman D.
Bain Joseph E.
Baker John W.
Behan Thomas A.
Berkbigler Kathryn M.P.
Black, Harold E. Jr.
Blattel Steven R.
Bradley Paula E.
Bredert Janice E.
Bremer Wayne P.
Brinton John C.
Brown, Thomas S. III
Bryant Steven D.
Brychta James P.
Byrne Patrick M.
Campbell Fred W.
Cope Robert W.
Cunningham William P.
Davies Carol A.
Degel Frank C.
Dillon Katherine V.
Downs Philip R.
Eck James M.
Edele James S.
Fahy Michael P.
Fetterman Phillip S.
Fitzpatrick William J.
Franklin, James A. Jr.
Fulkerson, Frank M. Jr.
Gayer Evelyn L.
George William W.
Gonzenbach Jack E.
Goodman Roger K.
Graves Thomas E.
Grotefendt Rande H.
Haake Joseph R.

1973 continued

Hamilton James R.
Hearst David T.
Henderson Gary R.
Hendren Larry L.
Hinkle K. Daniel
Horstmann Paul W.
Johnston Ronald D.
Kahle Thomas A.
Keating John M.
Killinger John C.
Kleinman Robert A.
Kluge Rolland H.
Knoll David A.
Kramer Roger L.
Kroeter David W.
Kuechenmeister Kenneth W.
Kuntz Richard D.
Lamano Larry L.
Lance Richard J.
Lane William L.
Lederle Gary J.
Lewis Lawrence L.
Lindstrom John A.
Maggert Gary G.
Marolf James W.
Martin Jimmy D.
Mc Clure David T.
Mc Cormack James E.
Moscoco A. Jose A.
Niehoff Michael E.
Niemeyer Terry W.
North John E.
Owens Rosemary F.
Pendergrass Dannie L.
Petermann Ernie W.
Peters Richard E.
Pickell Mark B.
Rambow Frederick
Rang Trinh N.
Reel Dana V.
Robertson Stephen L.
Rorabaugh James I.
Schafermeyer Richard G.
Schilling John R.
Schindler George A.
Schlueter Steven E.
Shepard Stephen E.
Slovensky R. Clayton
Smith Carolyn M.
Smith Richard A.
Stanze David C.
Thompson J. Kenneth
Tuttie David F.
Vaeth Richard M.
Veden Leonard S.
Watkins Wesley S.
Weddle Philip B.
Wegener Curt L.
Weidler Gary R.
Willoughby Ronald D.
Wilson Chris D.
Wilson Willis J.
Winfield Scott B.
Woodard Joan B.
York Thomas A.
Zweifel Donald J.

1974

Adams John E.
Anderson Dennis R.
Bachman, William G. Jr.
Bachmann Roy O.
Barbaglia Michael A.
Bohn Ellen B.
Bonczyk Bruce S.
Bouzoun John R.
Brown Daniel J.
Brueckmann Michael A.
Campbell John R.
Cesare Joseph A.
Christy Edward J.
Clavenna Mark D.
Coates Willard D.
Cook James J.
Cummings, John D. Jr.
Curd J. Calvin
Deaver Elizabeth E.
Degenhardt Dean A.
DeHaven Samuel J.
Duane Nicholas C.
Dupont Steven J.
Engberg Robert A.
Enloe Bruce A.
Entwistle, James M. Jr.
Fails Allen D.
Foil James L.
Gaia Mark A.
Gibson John W.
Gibson Kristie C.
Grotefendt Judith R.
Hall Donald E.
Ham John S.
Hamilton Kenneth C.
Harris, Norman A. Jr.
Head David W.
Hempler Robert G.
Heuckroth William E.
Hill Roger A.
Hoeflinger Larry J.
Howser Gerry W.
Hua Tien
Hughes Dale W.
Hurst, Lindell R. Jr.
Iden Douglas C.
Ivers Jeffrey L.
Johnson Bruce L.
Jones James S.
Kaplan Nicholas
Kelley John M.
Kerns Danny L.
Kerns Randy G.
Kornacki Alan S.
Krener Gilmore W.
Kuliniewicz Allen P.
Langley Stephen E.
Larkins Richard R.
Lauer M. Monica
Lawson Donald G.
Lewis De Ann
Lewis Neal A.
Luth, Louis H. III
MacMann Paula J.
Mc Daniel, Robert S. Jr.
Mc Kee Richard H.
Melton John R.
Messina Anthony D.
Miller Janet B.
Miller Michael J.
Murray Hugh D.
Neumann Nicolaus P.
Oldham Steven C.
Ortwerth Craig N.
Parsons Kenneth C.
Payken Craig L.
Payne Kathryn E.
Payne Richard D.
Pennington Douglas G.
Pleasant Linda J.
Poepsel Margaret M.
Polakowski David R.
Ponzer Rolland J.
Prachakvej Suppamas
Ragan Michael E.
Rehkop Thomas G.
Rice David A.
Rice Lynn C.
Rich Jerry L.
Robertson William G.
Roth David J.
Russell J. Kensey
Sager David A.
Schankman Mark S.
Schuessler Dawn E.
Schwartz Andrew J.
Sheahan David J.
Sherard, Ronald E. Jr.
Smith Stephen D.
Sorrels Stanley W.

1974 continued

Souders Steven W.
Speck Robert C.
Spencer David P.
Staponski Randall E.
Stegner George D.
Steinert Donald J.
Stranghoener Randy L.
Struckhoff John J.
Suellentrop Stephen G.
Susanj Connie E.
Tabers Brady D.
Terry Michael L.
Thompson Randall G.
Tiehes Robert V.
Tillman Steven M.
Toth Diana L.
Travelstead Charles W.
VanHouten James H.
Weyhaupt Gilbert J.
Wist Patricia S.
Wood Barry K.
Young David M.
Yow, Jesse L. Jr.

1975

Abbott James W.
Agnew Allen B.
Algaier Mark D.
Baker Bruce D.
Basye Richard E.
Berning, Duane E. Jr.
Bertram Jeffery P.
Bier Patrick K.
Blauvelt David S.
Bobnar William B.
Bodenhamer Steven D.
Bopp Jeffery T.
Borcharding, Donald A. Jr.
Borowiak Thomas G.
Brake Michael B.
Bredhoeft Melvern L.
Broshears William E.
Brown Ricky J.
Brugger Patrick H.
Burnham Joseph L.
Chen Wen-Liang W.
Clayton Barbara J.
Cobb David E.
Cole Jimmy D.
Cu Ha Duong
Daniells, Charles P. Jr.
Ellis Thomas B.
Eppestine Diane C.
Erickson Alan G.
Erickson Christina K.
Evertowski Mark S.
Finley Larry R.
Fisher Patrice M.
Fournier Joseph D.
Giulvezan Mark S.
Graumann Richard W.
Head Donald R.
Hellwig Gregory A.
Hillhouse Charles A.
Hillhouse Michael D.
Holcomb Steven K.
Irvine William D.
Kambol Stephen A.

Dear Board of Directors:

I am a recipient of the Alumni Association Scholarship. I'm honored to receive your award and am very appreciative.

On October 1, I attended the lunch that was given with the Board of Directors and had a very entertaining time. After attending and meeting the members of the board, I can honestly say that I'm proud to attend UMR where men such as these have graduated.

Thank you so much for the Alumni Scholarship and an enjoyable time.

Sincerely,
Catherine Von Minden

1975 continued

Kaufman John M.
Keil Louis H.
Kho Nguyen H.
Knoch James W.
Koehler David E.
Larkins Lawrence J.
Leitterman Pamela A.
Lewis David R.
Lorenz William P.
Maddox Hubert R.
Marsh Janet E.
Martin James H.
Marting John J.
Mc Bride Gregory C.
Mc Cloud Roger W.
Mertens Ferdinand J.
Mertens Michael F.
Millburn Brian G.
Mullin Richard J. II
Oliver Pamela S.
Ott James W.
Overmyer Lance A.
Paschke Allen J.
Patrick Wesley C.
Peterson Mitchell F.
Phillips Stephen D.
Pinaire Ronald
Powell Raymond F.
Prater, Raymond B. Jr.
Quinn Michael J.
Rachels Darrell J.
Rai Siri Ram
Rechtiem Thomas J.
Reynolds Martin K.
Roberts Ronald R.
Rodgers Edward W.
Roy Daniel C.
Schmidt Frederick G.
Shcolnik David H.
Siagian Marwan
Skibiski Kevin C.
Stellern John L.
Stephens James W.
Stuart Dennis L.
Tesar Mark W.
Thatcher David A.
Treasurer Roberta L.
Tsukamoto Tadashi
Van, Harty C. Jr.
Vancil Stephen P.
Wallach Jerolyn M.
Walling Dale L.
Warfel Michael R.
Welch Bernard J.
Werk Dan K.
Westermayer John C.
Williamson Richard F.
Winkelmann Ray E.
Wood Dennis L.
Wyant Joan
Zerwig Harry J.

1976

Abney Paul A.
Adams Stephen D.
Ahal William R.
Amidi Jamshid
Barclay David A.
Baxter, Donald E. CLU.
Becker Kathryn A.
Bellassai Jacques J.
Benson William A.
Bhasin Kul
Bodenhamer Charles R.
Boesi Earl J.
Boxx James P.
Bradley Dale E.
Bradley David R.
Braun Robert P.
Brothers Stephen A.
Bruenger Mark D.
Cannon, George E. Jr.
Castor Lawrence W.
Cha Bui Tho
Chronister Donald J.
Cieciwa Gregory A.
Coffman Terry R.
Coursen Denise K.
Dabler, Edward R. Jr.
Denner David K.
Denner Denise M.
Dolle Gary L.
Drechsler Terry L.
Dudley James W.
Edelman Thomas M.
Edwards Pamela R.
Ehrhard William E.

Gentlemen:

I would like to thank you once again for renewing my Alumni Scholarship.

If not for gifts such as this, it would be extremely difficult for me to pay my way through college. I really appreciate your financial help and generosity.

Thank y u again!

Sincerely yours,

David J. Brov

11084 Fawnhaur Drive
St. Louis, MO 63126.

1976 continued

Ellis Michael E.
Feagan Wilbur S.
Field T. Kent
Fleischman Robert F.
Flesher Robert G.
Gilbert Steven R.
Gordon Craig L.
Gordy Thomas W.
Griese James C.
Guevel Lawrence A.
Haigh Bruce W.
Hammers William L.
Helmkamp Robert E.
Hicks Gregory K.
Hicks Mark T.
Hilleary Alexander L.
Hilleary Cynthia S.
Hudson Dale D.
Kothari Harshed V.
Krueger Michael R.
Kuhn Catherine M.
Kuhn David H.
Leach Rodney W.
Lee Darrell R.
Leitterman Dennis W.
Leonard James V.
Liefer Mark E.
Lomax Lindsay E.
Maddox Patrick A.
Mahin Clifford A.
Mangoff, John N. Jr.
Manning Debra A.
May Roger E.
Mc Allister, William C. III
Mc Carthy Michael F.
Mc Coy Thomas H.
Mc Millan Druery W.
Mc Neal Philip W.
Melcher Richard W.
Mendoza Humberto A.
Miehe William K.
Mudd Richard W.
Naeger Melanie G.
Noelken David A.
Oberdick R. Kevin
Offutt, Joseph C. III
Parrish Duane L.
Perrymore Loyd G.
Proctor, Frank E. Jr.
Pruitt James S.
Puetz William C.
Rembold Ronald J.
Sapp Paul W.
Sappington Gayle L.
Scarr Richard A.
Schwab Lawrence R.
Schwager Sally S.
Scott Lana J.
Shimp Marvin B.
Simon Dennis M.
Simon Kim M.
Skipper David J.
Smith Terry A.
Stellern Catherine L.
Sweetser Victoria K.
Swinarsky Gerald
Telthorst Paul J.
Torres John P.
Trimble John R.
Tyngr Cheryl L.
Underwood Daniel H.
Vicek Robert W.
Vollmar, Joseph E. Jr.
Westermayer Jill A.
Wiese Charles W.
Wood James D.

1977

Allen Bruce H.
Alsberg Charles F.
Alvey Mark S.
Bhasin Charlotte A.
Boegner Philip J.
Bradway Bruce R.
Bruno John M.
Cadwell Warren D.
Claus Jeffrey J.
Clifford Jimmie D.
Coker Terry D.
Cook Aaron L.
Diestelkamp David A.
Dimond David L.
Dye Terry R.
Elliott William L.C.
Eloe Paul W.
Filla Michael J.
Fitzmaurice Richard R.
Fronick David H.
Gaebler Robert F.
Gallagher John B.
Gianino Kenneth M.
Giesler Arthur L.
Graham Jon A.
Hahn Veronica D.
Hamilton Leslie R.
Hampel Richard G.
Hastey, James P. Jr.
Hatcher, Price III
Haul Robert W.
Heidbreder John E.
Hertfelder Warren W.
Jackson Lawrence C.
Jarrett Christopher M.
Keats Dennis R.
Kobylinski Edmund A.
Koch Stephen J.
Kossina Paul G.
Lacy Thomas C.
Ladage, John J. Jr.
Lenzini Vernon L.
Lincicome James D.
Livengood Ross D.
Loos, Louis G. II
Mac Glashan Mark L.
Mattes, Roy J. Jr.
Mc Grath, George M. Jr.
Mc Kean Michael W.
Minne Eric M.
Morgan Twyla D.
Mosby Randall L.
Naeger Robert J.
Newby Arnold S.
Nielsen Kurt S.
Parkhill Rebecca J.
Parkhill Stuart T.
Post Steven W.
Price Sean E.
Primeau Steven T.
Rauzi Thomas J.
Ruhling Gary A.
Schnoebelen, Paul C. III
Siebenman, Richard B. Jr.
Stutsman John V.
Sudholt Terry A.
Thorn David L.
Van Deven Randall W.
Vatanapradit Thirapit
Vogel Ernest F.
Walker John
Walker Rhonda A.
Wang David C.

1977 continued

Warren Gary Keith
Weidinger Donald J.
Weiss Michael W.
Welzbacher Jeffrey D.
Wentz Hugh O.
Williams Ronald J.
Wyatt Bradley J.
Ziegler John A.

1978

Allen Stephen L.
Auman John B.
Baker Gregory J.
Baker Ronald E.
Balliew Elaine A.
Baumann Richard E.
Beresik Theodore L.
Bestor Ted F.
Bezdek William J.
Bodenhamer Kevin C.
Bonilla, Alfredo III
Brugnara Michael A.
Budd Debra J.
Buffington Darrell L.
Bullman Mrs Gale
Burris Darlis J.
Busse John R.
Callahan Susan L.
Cawvey James L.
Coffman Mary B.
Coldiron Michael L.
Colliton James E.
Costich Laurey A.
Danuser Jon L.
Delgado Hipolito
Denton, Samuel T. III
Donahoe, James L. III
Donahoe, Rona J. III
Epperson Joseph
Falconi Jacquelyn M.
Ford, Ferrill E. Jr.
Goldammer Russell L.
Gossett Gary B.
Grana, Joseph M. Jr.
Hardesty Michael D.
Haynes Michael A.
Heisserer Melvin R.
Hepler Thomas E.
Hitchcock David C.
Huck Mark F.
Hughes Steven C.
Humphrey Kurt D.
Hunter John J.
Ivy, James M. II
Johnson Robert J.
Jones Dennis D.
Kamler Patricia L.
Kavanaugh Brian W.
Keaster Daniel J.
Kornfeld David C.
Kunz Frederick L.
Lang Gregory A.
Lautenschlaeger Steven D.
Lincicome E. Dianne
Lubbert Randall J.
Ludwig Michael F.
Mason Robert W.
Maxwell Gary R.
Mc Ginnis Kelly L.



1982 Rollamo

1978 continued

Mc Minn Rita S.
Melcher John P.
Melton, Douglas C. Jr.
Meyer, Henry W. Jr.
Nauert, Paul J. Jr.
O'Brien, Joseph R. Jr.
Olson Stephen A.
Parker James W.
Perrey Gary W.
Posey Jack W.
Prough Louann
Puckett James L.
Rau James T.
Roelfeldt Mark A.
Satterly Clinton G.
Sauer Stacy J.
Schaefer Michael E.
Scheihing Terry R.
Schnell Robert J.
Sikavi Tony
Statler David E.
Stege Robin L.
Unklesbay A.G.
Vance Danny C.
Walker Brian D.
Ward, Louis T. III
Webers David M.
Winnett Michael D.
Wolff Leonard A.
Yin Robert W.
Zuiss Thomas J.

1979

Andersen Kathleen C.
Arnold Nancy J.
Bales Bruce S.
Bell Walter P.
Bene Debra A.
Beyer Brian J.
Birchler Donald C.
Brook Alan H.
Buchanan, E. Clay III
Bueler, Frederick Jr.
Burbridge Thomas E.
Campbell Wolfgang S.
Centner Patricia A.
Chamorro Rodrigo S.
Conant Paul C.
Conroy Patrick J.
Crull Robert J.
Daniel Kathleen S.
Davis James R.
Doan John M.
Donaldson Keith L.
Doyle Patricia A.
Dressel Dennis T.
Ehret Michael S.
Englehart William E.
Etem Richard D.
Faust Michael B.
Finch Richard R.
Fleddermann Kim E.
Ford Stephen P.
Foster Milo G.
Fulton Anne
Goodman Charles E.
Greco David J.
Guethler Timothy A.

1979 continued

Hadley Stanton W.
Hart J. Douglas
Hartwig, Robert A. Jr.
Heideman Brian D.
Heimbürger Stanley A.
Heinicke Paul M.
Henry Robert F.
Henson D. Kent
Hovis Mark A.
Jacobi Carl L.
Jaritosik, Edward C. Jr.
Jenke Edmund E.
Johns Robert D.
Johnson Stephen C.
Jost Frank J.
Justus Dayna K.
Kavanaugh Sue M.
Krusie Ronald S.
Lakin Terrence D.
Lammert Paul T.
Lang Stephen A.
Lewis Jeffery S.
Lindstrom Dean I.
Lockington Steven M.
Lucas Michael J.
Ludwig Karen S.
Madden Timothy J.
Maschek Thomas J.
Mc Fall, Richard W. Jr.
Milburn Darrell E.
Miller Jeffrey L.
Millsap Gary D.
Montgomery Douglas B.
Myers Jimmie B.
Neumann James P.
Newberry Rosemarie C.
Nguyen Tri X.
Nunnally Robert C.
O'Daniell Michael W.
O'Dear Craig S.
O'Keefe John P.
Pagan John C.
Paul James T.
Pile, Thomas N. Jr.
Poor Homer L.
Potthast Susan H.
Pundmann Joel A.
Quenon Robert H.
Rosener William J.
Rudy Mark R.
Runge Mark E.
Sanders Roger D.
Sauer, Harry J. III
Schneider Michael A.
Shannon George J.
Shearer Neal A.
Slusher Morgan P.
Stalnaker Kevin W.
Stein William J.
Stone Carma J.
Sullivan Steven M.
Thorn Dallas L.
Tordoff David B.
Unnerstall, Lawrence H. Jr.
Veatch Ann E.
Webb Richard A.
Welch Clare A.
Williams Everett A.
Williams Gaylard T.
Witt Leslie D.
Wolf Lawrence D.

1980

Becher Margaret M.
Beresik Barry A.
Clark Gary D.
Cook Christopher C.
Crider Joseph A.
Danzo Francis V.
Defenbaugh Kristy K.
DeGonia Thomas G.
Denison David G.
Derton James R.
Dittmaier Thomas A.
Dyer James A.
Ekberg Dean W.
Heim Patricia L.
Hilke David L.
Humphrey Maribeth A.
Jameson Randall W.
Kattelmann Jean C.
Klump Michael G.
Krafft James D.
Lang David W.
Leach Susan A.
Marfice James P.
Mc Evilly Michael J.
Mc Field, Charles B. Jr.
Mc Intyre Leslie L.
Mills Marilyn S.
Mills Matthew J.
Nix William J.
Norman, Charles W. Jr.
Norris Clay A.
O'Keefe Deborah A.
O'Keefe, Thomas J. IV
Raines Ronald L.
Ranard Wesley J.
Rimney Janet M.
Ronchetto Gene C.
Schelter Gene L.
Schmitt David W.
Schneider Robert M.
Sharp Susan M.
Shaw Merrily A.
Shilling Thomas B.
Siegel Thomas M.
Smith Gerald K.
Stafford Michael J.
Sullivan, Thomas J. Jr.
Turner Susan I.
Urban Mark A.
Volker Fredric W.
Watkins Jerry W.
Weeks Greg A.
Wehner Scott C.
West Jerry D.
Westrich Brian A.
Wibbenmeyer Brad L.
Wiese Kevin D.
Wille Robert J.
Winter Benjamin P.

1981

Akeman Kemp Eugene
Andrew Paul D.
Angeli Bartholomew P.
Black Scott Edwin
Boncek John Michael
Brinkmann William B.
Cashner Fred R.
Crannell Ann M.
Danzo Kathleen J.
Dreiling Randall
Emanuel Duane Arthur
Endress George W.
Enger Michael P.
Essner Mary E.
Feldmann Joseph E.
Fields Ross A.
Foehrweiser Gery R.
Gettemeyer Glen R.
Hadley Rosalie J.
Haefner Brent W.
Hancock Bruce S.
Harris Daniel W.
Hart Edward E.
Hawbaker Jeffrey L.
Hayes Thomas M.
Hiebert Yoelit H.
Howell Joseph W.
Hunt, Donald P. Jr.
Jasper Randal L.
Klorer Mary S.
Kowelman Dennis
Krishnamurthy Gopalan
Lipnick David J.
Lucas Mary R.
Lynch Colleen T.

Dear Mr. Mackaman,

I was very happy to hear that I was selected as a recipient of the Clyde W. Hall scholarship. The honor as well as the money that accompanies this award was an unexpected and much appreciated Christmas present.

I would like to thank both you and your committee for having selected me. The award came at a time when I was finding it difficult to make ends meet. This scholarship has solved many of my problems.

Once again thank you very much.

Sincerely,

John H. Gerrling
10630 Langford Drive
St. Louis, MO 63136

1981 continued

Malone Elquin L.
Martin Michael R.
Martin Patrick D.
Mattmuller Melissa A.
Mc Coy Karen R.
Mc Henry Steven D.
Millar Kevin M.
Nigro William R.
Oehler Nancy J.
O'Mara, Edward M. Jr.
Payne Steven E.
Phillips Mark A.
Rowe Ronny L.
Shiels Daniel Moore
Shipley Norman G.
Smoot, Ernest A. Jr.
Stevens Robert E.
Strubberg Carl G.
Strubberg David L.
Sunderland Jeffrey J.
Underwood Diane E.
Vaughn Daniel L.
Young Gregory Alan
Youngblood Cheryl E.
Zahner, Herbert W. III

1982

Besterfield Glen H.
Bye Douglas Richar
Fitzsimmons Mary N.
Freiberger Scott L.
Holm James Henry
Kobawoo Chungsoo Y.
Kottemann, Richard Allen Jr.
Pulley Craig Martin
Rynski Joseph S.
Sandbothe L. Scott
Schultz Jill Ann
Webb James Joseph

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Allen James L.
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Carson, Joseph O. Jr.
Churovich Melvin D.
Daane Adrian H.
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Eppelsheimer Daniel S.
Ferrell Mrs J.O.
Flesh Mrs Florence



1982 Rollamo

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Legsdin Mrs Adolph
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Dear Alumni Association:

I would like to express my appreciation for the scholarship I received as a result of your efforts. This scholarship has special meaning for me coming from the Alumni Association because my older brother, John Mark Holdman, is a recent graduate of UMR. I have long looked forward to attending UMR and this scholarship will be put to good use.

Once again, thank you so much for the scholarship you have enabled be to receive.

Sincerely,
Kenyon Eric Holdman
Laquey Star Route
Richland, MO 65556

Lifetime Memberships

When the Alumni Association was young, life memberships were solicited to finance the organization. The following alumni hold paid-up life memberships. Each has a permanent place on the honor roll of donors. Thank you all.

Bowers, Carlos Gehert, '24
Brown, John Stafford, '17
Crawford, E.A., '29
de Cousse, Kurt Herman, '22
De Valve, Albert Steihler, '43
Forgoston, James Morris, '22
Frame, Wayne Shannon, '23
Grimm, C. James, '30
Halasey, Francis Richard, '22
Neal, Kenneth Robeson, '30
Potter, Charles Jackson, '29
Smith, Hueston Merriam, '38
Swift, Roy Erwin, '34
Wanemmacher, Joseph M., '23
Wheeler, Ernest Sterling, '22

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American International Group
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The Fluor Corp.
FMC Corp.
Ford Motor Corp.
GATX Corp.
General Dynamics Corp.
General Electric Co.
General Foods Corp.
General Telephone & Electronics
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Gould, Inc.
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Hewlett Packard
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The Marley Co.
Martin Marietta Corp.
Massachusetts Electric Co.
McDonnell-Douglas Corp.
McGraw-Edison Power System
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Century Club

The Century Club Honor Roll for 1982 lists the names of 987 donors whose gifts made them eligible for membership in the club. In 1981, the Honor Roll carried the names of 749 donors. The certificate of membership in the Century Club says, "an organization of alumni founded on May 27, 1967, to aid and support the University of Missouri-Rolla through substantial gifts to the MSM-UMR Alumni Association Fund." There were 38 members in the first year of the Century Club and your slide rule or calculator will allow you to figure the percentage of increase from that time to this.

Abdel-Latif A. Ismail A.	1971	Behring Allen G.	1966	Clarkson Charles F.	1941	Ellison Donald R.	1966
Adamick Henry S.	1944	Bellis Maurice O.	1943	Claus Jeffrey J.	1977	Ellison Floyd A.	1948
Affolter Allen L.	1962	Bennetsen Wayne J.	1941	Clayton Michael S.	1968	Ellison Guy C.	1952
Alford Rex	1940	Bennett Charles W.	1949	Clayton Roy T.	1950	Eloe Howard W.	
Alger Robert P.		Benson William A.	1976	Cline Larry G.	1965	Emanuel Duane Arthur	1981
Allen George W.	1938	Benz Paul W.	1960	Close Maxwell L.	1963	Emery John R.	1957
Allen James L.		Beresik Barry A.	1980	Cochran Andrew A.	1941	Engineer Rajendra B.	1962
Anderson Charles A.	1953	Berkey Vernon G.	1950	Coco Matteo A.	1966	English Thomas O.	1929
Anderson George M.	1949	Berndt, Joseph P. Jr.	1943	Coil Benjamin R.	1929	Enochs John R.	1941
Anderson James S.	1955	Berning, Duane E. Jr.	1975	Cole Jimmy D.	1975	Entwistle, James M. Jr.	1974
Andoe W. Victor	1963	Berry Hugh R.	1925	Cole Ralph C.	1934	Eppelsheimer Daniel S.	
Andreae Andreas A.	1941	Berry Jerome T.	1949	Cole Richard E.	1947	Eppestine David A.	1971
Andreae Robert A.	1969	Berutt Caesar		Cole, Sidney J. Jr.	1954	Eppestine Diane C.	1975
Andreae Vicki M.	1970	Bestor Ted F.	1978	Collins James W.	1964	Evans Donald L.	1961
Andreas Wayne T.	1958	Bhasin Charlotte A.	1977	Collins William W.	1950	Evans John E.	1952
Andrews J. Lewis	1924	Bhasin Kul	1976	Colliton James E.	1978	Evans Larry G.	1966
Appleyard Frank C.	1937	Bier Patrick K.	1975	Comanich George W.	1951	Fagan Durward E.	1934
Archer David W.	1955	Biermann Earl E.	1943	Cook Aaron L.	1977	Fails Allen D.	1974
Arnold, Frederick W. Jr.	1936	Birt Floyd D.	1932	Cook Christopher C.	1980	Falkingham Donald H.	1941
Arnold Nancy J.	1979	Black Scott Edwin	1981	Cook Thomas W.	1965	Farmer John O.	1933
Arras Jean M.L.	1944	Blair Norman D.	1941	Coolidge Donald J.	1943	Farmer, John O. III	1963
Ascoli Don M.	1969	* Blake Philip L.	1924	Cooper Lloyd E.	1960	Farrell Edward C.	1941
Askeland Donald R.		Blankenmeister Erwin G.	1949	Cornett Roy C.	1938	Feagan Wilbur S.	1976
Atkinson, Marion L. Jr.	1925	Blume David J.	1965	Couch G. Robert	1941	Ferrell Mrs J.O.	
Austin John C.	1942	Bodell Timothy J.	1967	Crane Harold R.	1953	Fetterman Phillip S.	1973
Axmacher George W.	1942	Bodenhamer Charles R.	1976	Creelius Donald G.	1941	Feurer John A.	1970
Bachmann Roy O.	1974	Bodenhamer Kevin C.	1978	Crites Joseph D.	1949	Fick Armin F.	1941
Baebler Arthur G.	1955	Bohl Carl D.	1959	Crookston James	1942	Field T. Kent	1976
Bailey Keith E.	1964	Boje, George J. Jr.	1950	Crum E. Jefferson	1929	Fields Ross A.	1981
* Bailly Walter E.	1949	Boion, Lucien M. Jr.	1959	Culbertson William W.	1937	Filer Earle H.	1950
Baker Chester H.	1955	Boncek John Michael	1981	Cummins Robert W.	1967	Finley Carl E.	1945
Baker Ronald E.	1978	Boorky Morris	1939	Dalpini David	1949	Finley Fred W.	1941
Balnat Jack S.	1948	Bossert Harry F.	1927	Danzo Francis V.	1980	Finley, Thomas J. Jr.	1939
Banks Ralph	1948	Boyd Charles L.	1951	Danzo Kathleen J.	1981	Fisher Patrice M.	1975
Banks Robert L.	1944	Boyd Marvin W.	1953	Dasenbrock Arthur A.	1951	Fiss Edward C.	1936
Barclay, Arthur H. Jr.	1937	Boyd Robert K.	1941	Davidson Edwin A.	1950	Fitzmaurice Richard R.	1977
Barclay David A.	1976	Brackbill Robert M.	1942	Davis James R.	1979		
Barger Hubert S.	1939	Brady John R.	1951	Davis Jerry W.	1966		
Barker Marvin W.		Braun Robert P.	1976	Day Delbert E.	1958		
Barnard Charles R.	1920	Breeze Francis V.	1949	Day Roger O.	1925		
Barnhart Herbert D.	1944	Breidert Janice E.	1973	DeBolt Donald G.	1949		
Barrow Carlton W.	1936	Brewer William	1932	Defenbaugh Kristy K.	1980		
Barsachs Edwin H.	1950	Bridegroom Kenneth E.	1949	Degenhardt Dean A.	1974		
Bartel Donald S.	1964	Broaddus, Wayne R. Jr.	1955	DeGonia Thomas G.	1980		
Bartling Donald L.	1963	Brockmann Lester A.	1955	Demzik William G.	1957		
Batubara Kasmir A.	1960	Brown, Guy Jr.	1940	Denison David G.	1980		
Bauer Richard H.	1952	Brown Phillip O.	1957	Denney Kenneth L.	1970		
Baum, Frank L. Jr.	1959	Brown Roy G.	1939	Dennie Powell A.	1940		
Baumbach Dale M.	1963	Browning Phil A.	1948	Dennis William E.	1936		
Baumgartner George R.	1956	Bruce Robert S.	1969	Dicken Stanley C.	1972		
Baumgartner Rupert P.	1928	Brueckmann Michael A.	1974	Dickens Richard L.	1951		
Baumstark Walter A.	1940	Brugger Patrick H.	1975	Dickinson George W.	1937		
Baxter, Donald E. CLU.	1976	Brune Robert H.	1969	Dittmer Russell S.	1929		
Baxter Kenneth D.	1962	Bruns Robert F.	1947	Dix Larry L.	1961		
Bay Robert D.	1949	Bryan David O.	1971	Dobson Richard J.	1934		
Beard Mark W.	1942	Budd Vincent J.	1971	* Dods Stuart	1939		
Beard Reade M.	1936	Buel Robert W.	1950	Doerr Jerry W.	1967		
Beardmore Harold R.		Buerke Eugene B.	1969	Dolata Edward W.	1970		
Becker, Theodore H. Jr.	1969	Buescher Alfred J.	1964	Donze Terry W.	1971		
		Buettner Melvin A.	1951	Dorf Roger A.	1965		
		Bulla Frederick W.	1969	Dorroh, Robert F. III	1970		
		Bullock Richard L.	1951	Dougherty Ronald L.	1972		
		Burbridge Thomas E.	1979	Dougherty Thomas J.	1967		
		Burke George E.	1946	Dowd James D.	1944		
		Burton Robert R.	1963	Dowell Jack B.	1954		
		Busch Ray E.	1962	Dowling Paul T.	1940		
		Busch William D.	1942	Downs Jack S.	1949		
		Butler James L.	1965	Dressel Waldemar M.	1943		
		Butzer Harold G.	1947	Dresser Thorpe	1933		
		Byrd Herman C.	1950	Dull Melvin J.	1958		
		Cameron Charles V.	1938	Dunham Roy H.	1947		
		Campbell Jack P.	1924	Dunn Ervin E.	1951		
		Campbell John R.	1974	Dupont Steven J.	1974		
		Campbell Wolfgang S.	1979	Durham Terry E.	1970		
		Capone Donald W.	1958	Dutton Donnell W.	1935		
		Carr, Walter J. Jr.	1940	Ecoff, Ralph A. Jr.			
		Carroll James V.	1943	Edgar Max E.	1935		
		Cavalier Frank D.	1959	Edwards Mrs Francis C.			
		Cawns Albert E.	1959	Einsel Miller D.	1962		
		Cawvey James L.	1978	Ektermanis John A.	1971		
		Chaney James B.	1948	Ellebracht, Clarence A.	1964		
		Chen Wen-Liang W.	1975	Elliott Lewis C.	1939		
		Chen Willie Y.	1950	Ellis Elmer			
		Chomeau Henri	1923	Ellis J. Craig	1938		
		Christy Edward J.	1974	Ellis Michael E.	1976		
		Churovich Melvin D.		Ellis, Walter H. Jr.	1957		
		Claridge Elmond L.	1939	Ellis William R.	1939		

I wish to thank you for selecting me for one of your Alumni "Special" Scholarships. I appreciate your confidence in my abilities and am determined to live up to your evaluation. I look forward to starting my college career at Rolla in the fall of 1983.

Sincerely,
William Gene Ramsey
Rural Route 1
New Madrid, MO 63869



1982 Rollamo

* Deceased

Dear Alumni Association:

Thank you very much for awarding me an Alumni Super Scholarship for both my freshman and sophomore years. I am honored to receive such a prestigious scholarship. Financially, it has greatly aided my family. The Alumni Association is a valuable and much-needed organization on the Rolla campus. Again, thanks so much for the scholarship.

Sincerely yours,
Bonnie Weiss
17 Ruth Street
Belleville, IL 62223

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Gerig Martha M. 1969
Gessley Donald 1955
Gevecker Vernon A.C. 1931
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Gibson Kristie C. 1974
Giesler Arthur L. 1977
Gilbert Steven R. 1976
Gilliam Dale D. 1955
Gilmore Jerry L. 1960
Giuliani Dolores 1975
Giulvezan Mark S. 1951
Givens William A. 1953
Gjelsteen Thor 1963
Glassel Clifford 1951
Glenn David E. 1943
Glover James 1955
Godsey Terry L. 1944
Goetemann Edwin C. 1979
Goodman Charles E. 1951
Gould David S. 1961
Grannemann H. Neal 1973
Graves Thomas E. 1954
Gray Joe E. 1979
Greco David J. 1950
Green Paul E. 1959
Green Sidney J. 1929
Green T. Howard 1963
Griffeth Ellen B. 1930
Griffith H.M. 1956
Grimes Leonard 1964
Grimm C. James 1976
Grinstead Willis G. 1969
Gross Margrete 1940
Gudermuth, Clyde S. Jr. 1972
Guevel Lawrence A. 1967
Gulick Gary M. 1941
Gund Russell A. 1948
Gundy Douglas G. 1981
Hachmuth Henry K. 1979
Hacker Alden G. 1935
Hackmann Robert E. 1977
Hadley Rosalie J. 1932
Hadley Stanton W. 1948
Haffner Harold J. 1943
Hahn Veronica D. 1951
Hale Edward D. 1944
Haley Comer C. 1943
Haley Wilbur A. 1969
Halladay Harold W. 1962
Hallerberg William L. 1955
Hallett William M. 1968
Halterman Leroy 1977
Hamilton Leslie R. 1943
Hanna Robert L. 1951
Hansbrough Frank G. 1944
Hansen J. Richard 1967
Hansen, Stanley S. II 1951
Harper William S. 1979
Hart J. Douglas 1955
Haslett, Gerald W. Jr. 1977
Hastey, James P. Jr. 1981
Hawbaker Jeffrey L. 1978
Haynes Michael A. 1974
Head David W. 1958
Head Eldon W. 1973
Hearst David T. 1925
Hegler Burns E. 1939
Heim Carl J. 1950
Heiser Frederick W. 1925
Heisler William B. 1952
Heitmann Albert L. 1947
Heilman Milton H. 1976
Hellwege William H. 1951
Helmkamp Robert E. 1948
Henson Gerald L. 1961
Hepp Joseph T. 1967

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Herman Theodore 1928
Herrell R.R. 1965
Herrera Armando J. 1950
Herrmann Thomas A. 1962
Herzog Michael S. 1959
Hess Robert M. 1976
Hicks Gregory K. 1976
Hicks Mark T. 1950
Higgins Albert J. 1928
Hill Albert L. 1974
Hill Roger A. 1942
Hill, William E. Jr. 1976
Hilleary Alexander L. 1976
Hilleary Cynthia S. 1973
Hinkle K. Daniel 1961
Hodges John L. 1932
Hoeman Arthur J. 1930
Hoeman Erwin C. 1959
Hoffman Anthony E. 1951
Hohlfelder Eugene F. 1964
Holley Robert G. 1972
Holt Michael L. 1950
Honerkamp Donald L. 1923
Hoover Bert F. 1932
Horn Rex T. 1951
Horst William E. 1961
Horton Wayne C. 1979
Hovis Mark A. 1920
Howard Arthur M. 1953
Howe Bernard F. 1948
Howell Richard B. 1948
Howell Theodore R. 1966
Huddleston, James A. Jr. 1959
Hudgens Lowell L. 1948
Hudson Charles N. 1950
Humphrey Waldo D. 1972
Hunding, Carl W. III 1950
Hunt J. Richard 1963
Huston Robert E. 1967
Hydzik Richard M. 1950
Isbell, Clarence A. Jr. 1974
Ivers Jeffrey L. 1951
Jackson Earl E. 1970
Jaggi Dennis F. 1963
Jaquay Richard L. 1961
Jatem Julian S.V. 1932
Jenczewski Albert C. 1953
Jenkins Robert D. 1941
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Kamper Russell A. 1970
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Kennedy Daniel 1951
Kennedy Harry E. 1951
Kent Herbert E. 1953
Kent, Nevada A. III 1943
Kent William D. 1968
Keppel James R. 1960
Keshari Hossein R. 1924
Kessler Harry H. 1951
Ketter Richard P. 1965
Kettler Gerald J. 1975
Kho Nguyen H. 1940
Kidwell Albert L. 1959
Kieffer, Alonzo R. III 1973
Killingier John C. 1942
Kind Daniel A. 1951
Kingsborough Donald G. 1930
Kirkpatrick Harry F. 1931
Kirkpatrick Ruel L. 1967

Klebba Kenneth T. 1972
Klein Robert E. 1951
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Oldham Douglas G.	1969
Oliphant Edgar	1952
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Osterwald Herbert R.	1930
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Ozawa Jack K.	1945
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Parker Robert L.	1971
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Patterson William E.	1953
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Perryman, George I. Jr.	1947
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Reilly, John G. Jr.	1949
Reisen Kenneth E.	1950
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Reser Donald E.	1956
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Reynolds John A.	1971
Reynolds Martin K.	1975
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Rich Jerry L.	1974
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Rieke Vernon W.	1940
Ries Frank W.	1950
Riggs W. Robert	1932
Riley Kenneth G.	1956
Rimney Janet M.	1980
Robbins Clay	1953
Robbins Irvin D.	1948
Roberts Audrey	
Roberts Gerald A.	1928
Roberts J. Kent	1950
Roberts Omer H.	1969
Roberts Ronald R.	1975
Robertson Ronald S.	1963
Robinson Guy M.	1970
Roelfeldt Harold R.	1950
Roeser Robert J.	1932
Roloff Don V.	1951
Rosser Lewis E.	1943
Roth David J.	1974
Rothband Paul B.	1943
Rouse David M.	1967
Roussin Robert W.	1962
Ruester John T.	1959
Rutledge William A.	1946
Ruttinger Anthony J.	1952
Rytter Noel J.	1969
Sanders, Connelly Jr.	1953
Sanders Laurence R.	1964
Sanders Roger D.	1979
Sarchet Bernard R.	
Sarzin Julius L.	1949
Scarr Richard A.	1976
Schaeffer, Willard A. III	1948
Schafer Robert P.	1952
Schamel Mrs Walter S.	
Schamel, Walter S. III	1970
Scharf Fred	1953
Schillinger George R.	1963
Schindler George A.	1973
Schlueter Steven E.	1973
Schmidt Harold A.	1956
Schmidt Leola	
Schmidt Lonnie D.	1969
Schmoldt Hans E.	1944
Schnaebelbach Gerald	1950
Schneider Norman F.	1950
Schneider Richard C.	1972
Schnell Robert J.	1978
Schoeneberg Kenneth W.	1944
Schork John E.	1947
Schowalter Kenneth A.	1942
Schroer James B.	1966
Schuetz Louis H.	1929
Schuler, Leonard L. Jr.	1949
Schumann Lloyd C.	1943
Schwager Sally S.	1976
Schwarz Arthur S.	1932
Schweickhardt William K.	1928
Schweitzer Robert E.	1941
Scott James J.	1950
Seaman Robert L.	1969
Section AR/LA/TEX	
Seipel, John R. Jr.	1953
Seitz Stephen	1966
Senne Joseph H.	1951
Sevick Joseph G.	1949
Shaffer James W.	1942
Shanes Charles W.	1971
Sharp Everett W.	1940
Sheahan David J.	1974
Shearer Andrew C.	1930
Shockley Gilbert R.	1942
Shoemaker James L.	1959
Shourd Roy R.	1950
Silvers, Paul L. Jr.	1965
Simmons Michael F.	1964
Skamenca David G.	1963
Skinner, Milton R. Jr.	1950
Skipper David J.	1976
Skitek Gabriel G.	1943
Slater Michael W.	1969
Smart Samuel	1955
Smith Benjamin K.	1955
Smith Frederick J.	1965
Smith Harlan D.	1948

Smith Hubert R.	1948
Smith J. Warren	1928
Smith James A.	1947
Smith John W.	1965
Smith Leroy E.	1939
Smith Memphord L.	1962
Smith Neil K.	
Smith Russell D.	1972
Smoot, Ernest A. Jr.	1981
Snowden J. Russell	1947
Soper William S.	1957
Souders Steven W.	1974
Soult John P.	1939
Spalding Theodore J.	1969
Spanier Lawrence A.	1950
Spencer David P.	1974
Spence James J.	1968
Spotte Irvin C.	1938
Springer Frederick M.	1949
Stanze David C.	1973
Staples Guy W.	1926
Stein John E.	1949
Steinkamp William E.	1964
Steinard Donald J.	1974
Stephens James W.	1947
Stephens James W.	1975
Stevens Billy	1950
Stevenson Gerald L.	1959
Stewart Fraizer M.	1940
Stoll Joe A.	1957
Stopkey Waldemar D.	1952
Stowe James R.	1953
Strain Robert A.	1950
Straub Harold E.	1949
Strawhun Joseph O.	1941
Strong John F.	1950
Stueck C.F.P.	1943
Sturm John T.	1932
Stutsman John V.	1977
Suellentrop Stephen G.	1974
Sullivan, William L. Jr.	1939
Summers, Alfred L. Jr.	1972
Summers Huey	1940
Sunderland Jeffrey J.	1981
Sundermeyer Robert W.	1965
Swanson Kenneth A.	1959
Swinny David W.	1970
Szumachowski Edwin R.	1950
Tanquary Clifford C.	1957
Tao Frank F.	1964
Tappmeyer Ronald A.	1947
Taylor Otis H.	1942
Telthorst Edgar J.	1949
Terrasson Paul L.	1948
Terry Mark L.	1920
Testerman Roy L.	1960
Letley Albert L.	1939
Theobald Thomas A.	1961
Thoele Howard W.	
Thomas George H.	1943
Thomas Harold D.	1928
Thompson Bennet R.	1926
Thompson Dudley	
Thompson Homer F.	1932
Thomure Daniel F.	1968
Throgmorton Gordon R.	1931
Tibbs Harold E.	1950
Tiernon Carlos H.	1954
Timlin James B.	1950
Toliver Jack E.	1957
Tomasek Anton J.	
Tomazi George D.	1958
Toomey John B.	1949
Travelstead Charles W.	1974
Tsay Liang-Juan	1970
Tsakamoto Tadashi	1975
Tucker Armin J.	1940
Tuttle David F.	1973
Tyrell Morris L.	1926
Umphrey Ronald W.	1966
Underwood Daniel H.	1976
Underwood Diane E.	1981
* Valerius Claude N.	1925
Van Nostrand Robert G.	1942
Vansant Robert E.	1951
Vaughn Charlie F.	1955
Vaughn Daniel L.	1981
Veden Leonard S.	1973
Volkmar Robert W.	1972
Vollmar, Joseph E. Jr.	EN
Walker Richard H.	1948
Walz Robert L.	1952
Warrenmayer Joseph M.	1923
Wang David C.	1977
Warner John R.	1970
Warren Robert N.	1957
Watkins Jerry W.	1980
Watkins Paul A.	1948
Watson Harry W.G.	1951
Wattenbarger Chris M.	1941
Watts Charles A.	1958
Watwood, James E. Jr.	1957
Weaver Samuel C.	1964
Webster, Royal S. Jr.	1955
Wedge W. Keith	1970



1982 Rollamo

Weeks Greg A.	1980
Wegener Curt L.	1973
Wehner Scott C.	1980
Weinel Ernst A.	1944
Weinland Harold A.	1953
Weis Carl J.	1943
Weise Theodore L.	1967
Weiss Clarence B.	1927
Weiss Michael W.	1977
Welch Gary E.	1962
Weldy Charles R.	1957
Wentz, Charles A. Jr.	1957
Wesley Darrell K.	1966
Westrich Brian A.	1980
Weyand Thomas E.	1966
Whaley Henry P.	1948
Wheeler Ernest S.	1922
Wheelock Leroy K.	1952
White Charles S.	1932
White Robert M.	
Whitworth Virgil L.	1923
Wicker Dave A.	1944
Widmer Rex C.	1972
Wiebe Dirk H.	1964
Wicker Richard H.	1959
Wichthop Russell H.	1932
Wile Larson E.	1951
Wilhelms Kenneth M.	1946
Wilkins Roy A.	1966
Wilkerson Augustus B.	1923
Wilks John C.	1948
Williams Anita L.	1970
Williams, Arthur J. Jr.	1933
Williams Rex Z.	1931
Williams Richard K.	1970
Williams Russell E.	1957
Willis Henry R.	1953
Wilreker, Victor F. Jr.	1971
Wilson Chris D.	1973
Wilson Clyde W.	1965
Wilson Tommie C.	1964
Wilson William L.	1962
Wissler Louis B.	1943
Wist Patricia S.	1974
Withrow Harold J.	1949
Witt Leslie D.	1979
Wixson Bobby G.	
Wolf John D.	1967
Wolf Robert V.	1951
Wolff Leonard C.	1942
Wood Dennis L.	1975
Wood Kenneth W.	1960
Woodfield Richard A.	1966
Worley Morris T.	1961
Wright Clarence J.	1943
Wright Harold R.	1950
Wu Chang-Yu	1964
Wyatt De Marquis D.	1941
Yochum Kenneth H.	1950
Yochum Robert J.	1949
Yorston Howard J.	1953
Zacheis Paul R.	1960
Zachelmeyer Norman P.	1952
Zalac Thomas W.	
Zeid Marvin C.	1951
Zeisel Keith S.	1971
Zimmer John J.	1969
Zimmerman Donald G.	1950
Zoellner Lynn E.	1968
Zoller Jacques W.	1942
Zoller Victor H.	1943
Zuiss Thomas J.	1978
Zvanut Carl M.	1941
Zvanut Frank J.	1932
Zwirbla Michael C.	1948

* Deceased

Alumni Association Scholarship Program

Scholarships to deserving students remained the major project of the MSM-UMR Alumni Association for the 1982-83 academic year. A total of \$56,000 was approved by the Association's Board of Directors for distribution to students in amounts ranging from \$200 to \$1,500 in four scholarship classifications. Seventy-five UMR students were Alumni Association scholarship recipients this year.

In addition to direct Alumni Association scholarships, \$30,500 was awarded to 52 students through various "named" scholarships administered by the Association. Predominant among the named scholarships was \$20,000 given from the new Clyde W. Hall scholarship account established by the late Clyde W. and Fannie Mitchell Hall. Hall was a 1914 graduate of MSM with a BS in Mining Engineering. Spring semester 1983 marked the first time scholarships were awarded from the fund.

The Board also approved \$11,500 to be used by 20 students for the Educational

Assistant program. In that program, undergraduates are employed as Research Assistants in academic or support departments and work on projects under the direction of campus faculty members and administrators.

For school year 1983-84, the Board has approved a 27.7 percent increase over the present total of Association scholarships. In addition, the Board decided that students will be asked to repay 25 percent of their total scholarship award after graduation, or other departure from the University. It is hoped that this repayment program will encourage the scholarship recipients to become life-long supporters of the MSM-UMR Alumni Association and the support it gives the University of Missouri-Rolla.

Scholarship recipients and participants in the Educational Assistant Program for 1982-83 are:

Alumni Association Scholarship

Fred Baganoff, Sr, Met Eng
Jeffrey Bell, Sr, Comp Sci
Roger Besancenez, Jr, El Eng
David Broy, So, El Eng
Kathryn Bushur, Sr, Psych
Garet Denise, Jr, Cv Eng
Edith Foale, Sr, Geol
Michael Frazier, So, Comp Sci
Sue Hasselbring, So, Chem Eng
David N. Hetttenhausen, Fr, Nu Eng
Christopher High, So, Un-Eng
Brian Jennison, Fr, El Eng
David O. Jew, Jr, Mech Eng
Janice Keutzer, Sr, Chem
Mark McKarnin, Sr, Chem Eng
Curtis Meier, Sr, Comp Sci
Thomas Mori, Jr, Chem Eng
Cathy Oostendorp, Jr, Life Sci
Jerre Parker, Jr, Comp Sci
Terrence Pautler, Jr, El Eng
Richard Peterson, So, Comp Sci
Julie L. Sanders, Fr, Aer Eng
James Stevens, Sr, Comp Sci
Susan Welnick, So, El Eng
Steven A. Wendland, Fr, Ge Eng
Timothy White, Sr, Met Eng
Kelly Wiggs, Fr, Chem
David Willming, So, El Eng
Sandra Willy, Fr, Un-A&S

Alumni Super Scholarship

James Folta, Sr, Chem Eng
Daniel Laposha, Fr, Comp Sci
Phillip Lindsey, Sr, Geol
Susan Means, Sr, Cer Eng
Margaret Murphy, Fr, Chem Eng
Jeffrey Pautz, Jr, Comp Sci
Tracy Jo Thomas, Fr, Cv Eng
Bonnie Weiss, So, Met Eng

Alumni Special Scholarship

David Asselmeier, Fr, Comp Sci
Timothy Crow, Fr, Mech Eng
Patricia Culver, Fr, Cer Eng
Clinton Daugherty, Fr, Cer Eng
Brenda Dickneite, Fr, Chem Eng
Amy Jo Giddens, Fr, Un-A&S
Darren C. Haverstick, Fr, Aer Eng
Elaine Klutho, Fr, Chem Eng
Janet Leeman, Fr, Un-Eng
Jeffrey H. Leonard, Fr, El Eng
James F. Michaeli, Fr, Aer Eng
Patrick W. Pirtle, Fr, Comp Sci
James E. Russell, Fr, Un-Eng
Cindy Selking, Fr, Nu Eng
Lisa K. Stephens, Fr, Chem Eng
Jacqueline Tailleir, Fr, Met Eng
Brian B. Umbach, Fr, Mech Eng
Catherine Von Minden, Fr, El Eng
Ross E. Warner, Fr, Cv Eng
Nancy Wussler, Fr, El Eng

Alumni Transfer Scholarship

Kevin D. Bonifield, Jr, Cv Eng
David W. Brandt, Jr, El Eng
Steven L. Carey, Jr, Mech Eng
Marvin R. Ferris, Jr, Mech Eng
Mark E. Giessinger, Jr, Cv Eng
Delana G. Greer, Sr, Eng Mg
Scarlett Harrod, Fr, El Eng
Donna R. Hawk, So, Chem Eng
Charles F. Kaiser, Jr, Mech Eng
Kennan H. Laudel, Jr, El Eng
Douglas A. Lowe, Jr, Mech Eng
Timothy K. Meyer, Jr, Cv Eng
Debra D. Sauceman, Jr, Comp Sci
Christopher C. Schaefer, Jr, Chem Eng
Tammie G. Smith, Jr, El Eng
Heraleen E. Sprenger, Jr, El Eng
John L. Theising, Jr, Mech Eng
Alvin D. VanFossen, Jr, El Eng

Roy Perry Scholarship

Rodney E. Southard, Jr, Cv Eng

Carlos & Joan Tiernon Scholarship

Jimmy J. Browning, Sr, Nu Eng

Robert E. Dye Scholarship

Richard D. Caruthers, So, Min Eng
Harry L. Frier, Jr, Min Eng
Jacqueline Griggs, So, Min Eng
Steven D. Johnson, So, Min Eng
Mark A. Odum, Jr, Min Eng
Robert J. Rosser, So, Min Eng
Michael J. Savage, Fr, Min Eng
Richard A. Tucker, Sr, Min Eng
Patrick J. Witt, Jr, Min Eng

Theodore J. Planje Scholarship

Patricia A. Peick, Jr, Cer Eng

Harry Kessler Scholarship

John F. Nauman, Fr, Met Eng
Laura Fowler, Fr, Un-Eng

Stephen Kessler Scholarship

Joe Grosko, Fr, Met Eng
Lisa A. Potter, Fr, Met Eng

Murphy Company Scholarship

Robert T. Kelley, Fr, Mech Eng

Judy L. Flebbe Memorial Scholarship

Steven Keleti, Jr, Chem Eng
David Knuteson, Jr, Chem Eng
Karen Penny, Sr, Chem Eng
Andrea Weck, Jr, Chem Eng

Clyde W. Hall Scholarship

William Armstrong, Sr, Ge Eng
Douglas Behm, Jr, Chem Eng
James M. Bowen, So, El Eng
Joseph E. Brown, Sr, El Eng
Mark A. Brownfield, Sr, Comp Sci
James C. Bullard, Jr, El Eng
Diann M. Dow, Jr, El Eng
Alan E. Dragoo, Jr, Comp Sci
David A. Dwyer, Jr, El Eng
Daniel J. Eck, Jr, Mech Eng
Carl Engemann, Jr, Chem Eng
Keith Freiburger, Sr, Eng Mg
John Geerling, Jr, Chem
Keith Groat, Jr, Mech Eng
Tim R. Hagan, Sr, El Eng
James G. Heiken, So, Mech Eng
Charles H. Lipscomb, Sr, Econ
Michael S. Lynch, Sr, El Eng
Edward Madinjian, So, Chem Eng
John W. Mitchell, Sr, Comp Sci
Steve K. Mitori, So, El Eng
Ronald L. Phillips, Jr, Aer Eng
Todd Rumans, Jr, Pre-md
Timothy Schoenecker, Jr, Eng Mg
Douglas Sharp, Jr, Pe Eng
Wendell C. Stavig, Sr, El Eng
Marvin Taylor, Jr, El Eng
Jeff A. Vaughn, Sr, Chem Eng
Stephen R. Veit, Sr, El Eng
Linn Wanbaugh, Jr, Mech Eng
Robert J. Weir, Sr, Aer Eng

Association Educational Assistants

Trudee Bealka, Sr, Met Eng
Stephanie Cioffi, Jr, Mech Eng
George Doria-Medina, Sr, Eng Mg
Kelly Gaddy, Fr, Un-A&S
David A. Gaskill, Sr, El Eng
Rita Gaudney, Jr, Cv Eng
Frances Hunter, Jr, Psych
David S. Illert, Jr, El Eng
Daniel G. Kietzer, Sr, El Eng
Floyd L. Klavetter, So, Chem
John Michael Kokorudz, Sr, Chem Eng
Francis X. McCormack, Sr, El Eng
Jack R. Mentink, Sr, Cv Eng
Richard Wayne Purdy, Jr, El Eng
Kevin B. Raines, So, Aer Eng
Christopher W. Ramsay, Sr, Met Eng
Stephen Veit, Sr, El Eng
Tom Wallace, Sr, Mech Eng
Dean Waltenberger, So, Ge Eng
Richard Yancey, Jr, Geol

University Development Fund

1982 was another banner year for UMR. The Development Fund received more than \$2,500,000 in negotiable gifts compared to \$2,300,000 in 1981. In addition, almost \$500,000 worth of value gifts were acknowledged. One such item was a gift from Scientific Software Corporation of computer software valued at \$240,000. The increase is due to many factors, the most important of which is the concern and interest of our alumni and friends. This Honor Roll is our attempt to thank you and let you know how important each person and each gift is to your university.

A three-year accelerated program, starting in 1981, provided positive results primarily in the areas of faculty excellence the first year and special equipment in 1982. The campus has reviewed the equipment list and it will continue to be emphasized in 1983. Both priorities have received special attention from the UMR Development Council, especially by the alumni and corporate committees. It is impossible to single out one or two volunteers for special recognition, but I do wish to thank the committee chairmen for their assistance and efforts: Alumni Association Liaison, Bob Bay; Corporate Executives, Wayne Bennetsen; Entrepreneurs, Bob Underhill; Major Individual Gifts, Fred Finley; Planned Giving, C. James Grimm; Parents' Fund, Bob Brandt; and Community Support Program, Floyd Ferrell & Bill Jenks.

UMR, its students, faculty, staff and administration express sincere appreciation for the vote of confidence you have shown through your contributions -- not only in money, but the hours of volunteer time.

Thank you.

Vernon T. Jones '53
Chairman
UMR Development Council

A P Green Refractories Co
A T & T Long Lines
Abbott James W.
Abel Scott W.
Abernathie William E.
Acree, William E. Jr.
Adamick Henry S.
Adams Gregg W.
Adawi Ibrahim
Adkins Carolyn S.
Aerospace Corp
Africano Gilbert J.
Agate Petroleum Inc
Ahland Wayne
ALME Southeast Mo Section
Albert Ronald C.
Alcoa Fdn
Aldridge Barbara
Alex Pizza Palace
Alexander Andrew
Alexander, Ralph W. Jr.
Alexander Robert G.
Alfermann & Haynes
Allen Eugene K.
Allen Harry W.
Allen James L.
Allen, John E. Jr.
Allied Chemical Fdn
Alton Packaging Company
Am Society of Mech Engineers
Amax Fdn Inc
Amax Zinc Co Inc
America ME Educ & Tr Services
American Bank of Rolla
American Int Group Inc
Amoco Fdn Inc
Amsted Industries Fdn
Anaconda Aluminum (Ky)
Anaconda Co
Anderhub Anthony P.
Andersen Fred L.
Anderson & Associates

Anderson Dennis R.
Anderson James S.
Anderson Marguerite C.
Anderson Martha
Anderson Michael B.
Anderson Phillip L.
Anderson Richard A.
Anderson Walter F.
Andreae Robert A.
Andreas Wayne T.
Andrews J. Lewis
Andrews William
Andrews William W.
Angeli Bartholomew P.
Anonymous
Anspach Earl E.
Anstine Dennis J.
Aoufi Rabah
Apel Norbert
Appleyard Frank C.
Appliance Mart
Archer Glenn
Armaly Bassem F.
ARMCO Fdn
Arthur Trealt
Asarco Inc
Asbee Don
Ashburn Iva
Ashland Oil Fdn Inc
Ashley Carl G.
Associated Elec Coop Inc
Atkins Jack D.
Atkisson-Swinford Funeral Home
Atlantic Richfield Co (Dallas)
Atlantic Richfield Co (LA)
Atlantic Richfield Fdn
Aubrey, Leo A. Jr.
Audrain Charles E.
Aughenbaugh Nolan B.
Austin Conrad L.
Austin, Thomas E. III
Avena Robert A.
Avery M. Ronald
Avula Xavier J.
Awalt Edward L.
Axmacher George W.
Ayars Robert S.
Ayer John

Barker Marvin W.
Barnes Michael S.
Barr David J.
Barr Jo W.
Barr Ralph S.
Bartlett Hugh
Bartlett Richard E.
Bartling Donald L.
BASF Wyandotte Corp
Bash David A.
Basler Electric Co
Bassin Ronald L.
Batra Romesh C.
Bauer J. Bruce
Bauer Richard A.
Baum, Frank L. Jr.
Baumann Richard E.
Baumgartner Rupert P.
Baxter Kenneth D.
Baxter Travenol Laboratories
Bayless Jerry R.
Bean Robert C.
Beard Reade M.
Beardmore Harold R.
Beauchamp Robert W.
Beaufort Transfer Co
Bechtel Corp
Bechtel Fdn
Beck Bruce F.
Beckner Mark W.
Bednar Stephen J.
Beecher Richard E.
Begley David L.
Beil Walter F.
Belden W.L.
Bell Arthur H.
Bell Gordon W.
Bell Robert J.
Bender John H.
Bendix Corp of Kansas City
Bene Debra A.
Bene Vince
Benignus Thomas D.
Bennett Carol P.
Bennish Construction

Bentzinger Robert
Beresik Theodore L.
Berg Helen M.
Berg Richard O.
Berglund Paul I.
Bergman Bruce W.
Berry Charles A.
Berry Jerome T.
Bernolli Edward C.
Bertram Richard A.
Bertrand Gary L.
Berwald David M.
Berwald Dr Irvin
Bess James D.
Bethlehem Steel Corp
Bevel Jerry E.
Beverage Leland D.
Bhakta Satish D.
Bible, Paul I. Jr.
Bie Wendy A.
Bieniosek Francis M.
Bierman Melvin
Bihr Leland S.
Bindemann Diana S.
Bingham, Lloyd W. Jr.
Binkholder C.E.

Birt Floyd D.
Bise Wayne
Bisges Paul B.
Black & Veatch Fdn
Blackwell Noel
Blackwood Gary
Blair Norman D.
Blaser Laura J.
Blattel Steven R.
Bledsoe James N.
Bledsoe Wayne M.
Blevins Larry G.
Blizewski Brent
Blumfelder William O.
Bober Edward J.
Bodine Aluminum Inc
Boeing Co
Boesche Lenelon
Bogan James J.
Bohler Donald M.
Bohley Ronald G.
Boise Cascade Corp
Boje, George J. Jr.
Bollenbacher Albert
Bolon, Lucien M. Jr.
Bondi James O.

Bone Joseph
Bonewits Harvey
Boone Robert H.
Borcharding, Donald A. Jr.
Borchers Raymond W.
Borgini Fred
Bosch Wouter
Bosko John
Boswell Paul B.
Botkin Patricia R.
Boulson Charles E.
Bourne Donald W.
Boutelle Larry
Bowen, Jesse W. Jr.
Bowers Donald R.
Bowkley Herbert L.
Bowles Janet F.
Bowlin John D.
Bowman Carsten E.
Bowman James I.
Bowman W.R.
Boxdorfer Robert L.
Boyd Kent C.
Boyd Mrs J.K.
Boyd Robert K.
Boyer Clifford J.
Boyer Phillip J.
Boyko Kenneth J.
Boyt Eugene P.
Bozarth Bruce A.
Brackbill Robert M.
Bradbury Charles E.
Braddock Paul F.
Bradley Paula E.
Brady Dale E.
Brainard, G.R. Jr.
Brand John R.
Brandhorst Lynn D.
Brandt Robert E.
Brandt Robert R.
Branson Donald A.
Braun Rebecca
Braun Robert P.
Bredenkamp Ronald C.
Brehe Harold C.



1982 Rollamo

* Deceased

Bremehr Kenneth
 Brenneisen Joe F.
 Brenning Eugene D.
 Brent Bill M.
 Breuer Coy L.
 Brewer John M.
 Brewer Lawrence O.
 Brewster Larry
 Bridges Thomas L.
 Bridgman Stephen A.
 Brinker Clark D.
 Brinkmann Charles E.
 Brittle, Allan C. Jr.
 Brown Bradley A.
 Brown Daniel J.
 Brown Harry A.
 Brown Jack
 Brown John S.
 Brown M. Granger
 Brown Phillip O.
 Brown Roger
 Brown Willis L.
 Browne Keith H.
 Browning Phil A.
 Brubaker Maurice E.
 Bruce Joe J.
 Bruce Robert S.
 Bruehmann Olt
 Bruno Mark T.
 Bruns Martin T.
 Bruns Robert F.
 Brunson Mrs Pam
 Bryant Barry
 Bryant David A.
 Bryant James
 Bryant James R.
 Buchmann Raymond F.
 Buckwalter John R.
 Budd Vincent J.
 Budrovich Excavating Inc
 Buell David W.
 Buhl, Howard K. Jr.
 Builders Assn of MO
 Bull Russell
 Bullman Mrs Gale
 Burgett Max A.
 Burkhart Mark L.
 Burnett Joseph R.
 Burns & McDonnell Engr Co
 Burns Fredrick B.
 Burns Randall K.
 Burton Robert R.
 Busch William C.
 Butler James A.
 Butler James L.
 Butts James
 Butts Michael C.
 Byrd Herman C.
 Byrne Patrick M.

Calcaterra Edward L.
 Callahan Carter
 Calodney Martin M.
 Calton Lynn B.
 Calvin Paul N.
 Camp Mrs Lois
 Canizares Hugo M.
 Carboline Co
 Carel Terry
 Carlo Joseph W.
 Carmichael Ronald L.
 Carmody Edward
 Carney Jennifer S.
 Carney W. Dale
 Carney's Auto Museum
 Carpenter Lloyd W.
 Carr Elvis
 Carr, Walter J. Jr.
 Carrolla Ross R.
 Carson Alan W.
 Carstens John C.
 Carter Ronald N.
 Carter Ronald W.
 Case Glenn R.
 Casey Walter E.
 Castleman Donald L.
 Caterpillar Foundation
 Caterpillar Tractor Co
 Centerre Bank
 Central Federal Savings & Loan
 Central II Pub Service Co
 Century 21/Elkhead Real Estate
 Certain-Teed Products Corp Fdn
 Chambers Wayne
 Chaney James B.
 Chang Joseph J.
 Chang Yu Tai
 Charbonnier William P.
 Charles Roy T.
 Chellis Dawn Marie
 Chemetco

Chen Holger E.
 Chen Willie Y.
 Chevron USA Inc (Denver)
 Chevron USA Inc (Richmond)
 Chevron USA Inc (San Francisco)
 Chicago Paint & Coatings Assoc
 Chicoineau Philippe
 Childs Deborah S.
 Chomeau Henri
 Christensen Lawrence
 * Christianson Lloyd C.
 Christopher Leo L.
 Christy Edward J.
 Chub & Jo's Restaurant
 CH2M Hill
 Ciardullo Daniel A.
 Cieciwa Gregory A.
 Cima Gregory F.
 Cities Service Co
 Cities Service Fdn
 Clark Cheryl Z.
 Clark Dennis A.
 Clark Robert E.
 Clark Terry
 Clayton Charles L.
 Clemmons Mrs Margaret L.
 Cleveland-Cliffs Iron Co
 Clinkenbeard Maurice
 Clinkingbeard Terry A.
 Clinton Elizabeth P.
 Clodfelter Gene C.
 Close Maxwell L.
 Coating Unlimited Inc
 Cochran Andrew A.
 Coddington William H.
 Coffman Mary B.
 Cogell Elizabeth A.
 Cohen Bernard
 Cohen Gerald L.
 Cohen Jeffrey I.
 Cohen Mrs George
 Cole Jimmy D.
 Colgate-Palmolive Co
 Collins Walter K.
 Colona Laura A.
 Colonial Royalties Company
 Colter Kim D.
 Combustion Engineering Inc
 Commonwealth Theatres
 Conklin John D.
 Conner Robert P.
 Conner Stella
 Conner Truman
 Conoco Inc (Houston)
 Conoco Inc (Ponca City)
 Consolidation Coal Co
 Continental Bank Fdn
 Cook Christopher C.
 Cook Henry B.
 Cook James
 Cooke Jack W.
 Cooke, William F. Jr.
 Cooksey Sandra Fries

Coon Paul D.
 Coonrod Neil R.
 Cooper Evelyn B.
 Cope William R.
 Corbin Gary A.
 Corkill Paul D.
 Corn Arthur
 Cornelius Stephen E.
 Cornett Roy C.
 Corning Glass Works Fdn
 Corum Michael Eugene
 Coterie
 Couch G. Robert
 Council for Chem Research Inc
 Council of Graduate Students
 Courtney Howard A.
 Cowan Duane E.
 Cox W.E.
 Coyle Brian
 CPC International
 Craig James L. Jr.
 Craig Wallace C.
 Crane Harold R.
 Crecelius Donald G.
 Crecelius, Percy H. Jr.
 Creech Harry L.
 Cress W. Dudley
 Crnic John
 Cromer Charles F.
 Cross Ray L.
 Crosser Orrin K.
 Crowley Robert E.
 Crumbaugh Daniel H.
 Cubit James
 Cude, Eber F. Jr.
 Cullen Michael J.J.
 Cullison Elizabeth
 Cummings Alan
 Cripp Joseph W.
 Current Rehabilitation Agency

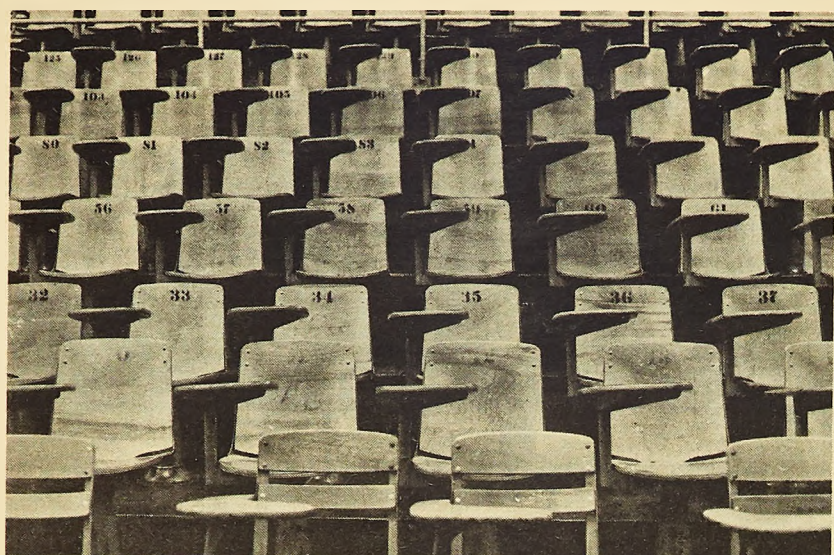


1982 Rollamo

Daane Adrian H.
 Daily Eugene J.
 Dalpini David
 Dampf Donald P.
 Dana Corp
 Daniels Armand
 Danner Dale Randal
 Dave Bhalchandra T.
 Dave's Barber Shop
 David Edward G.
 Davidson Allen F.
 Davidson Edwin A.
 Davidson Mrs Fred
 Davies Carol A.
 Davis Carl B.
 Davis Gary W.
 Davis James J.
 Davis Jerri V.
 Davis, Ralph T. Jr.
 Davis Robert L.
 Davy Inc
 Dawes Ronald F.
 Dawson Darrow
 Day Delbert E.
 Daylong William B.
 Dean Walter K.
 Dean Warren E.
 Dearth David W.
 Degen, Gerald D. Jr.
 DeHaven Samuel J.
 Dekock Arlan R.
 Dekold Joseph M.
 Delaney Michael J.
 Delano Jonathan
 Delano Oil Co
 Dempsey Brian
 Demzik William G.
 Denham Donald C.
 Denney Kenneth L.
 Dennie Powell A.
 DePasquale Joe D.
 Derhake Anthony H.
 Deschler Patricia T.
 DeSelms Byron
 Deutschman Ronald L.
 Devaney Michael J.
 Dewar Carol
 Dick C. Alfred
 Diebold Stephen M.
 Dierks Walter
 Dietrich Randall G.
 Dietzman John F.
 Digital Equipment Corp
 Dimaggio Thomas
 DiNapoli Michael A.
 Dini Louis
 Dittmaier Thomas A.
 Dodd Thomas W.
 Dodge Ellen Westover
 Doering Dennis N.
 Doering Frank J.
 Dolan Thomas J.
 Dolecki Stanley
 Doll Ellen W.
 Dollar Jim A.
 Don's Music & Recording Studio
 Donaldson Albert L.
 Doner Irvin H.
 Dostal Gregory G.J.
 Dow Chemical Co (Freeport)
 Dow Chemical Co (Midland)
 Dow Corning Corp

Dowling, Donald J. Jr.
 Dowling Paul T.
 Downs Jack S.
 * Doyle John J.
 Doyle Patricia A.
 Draper Bernard
 Draper Charles S.
 Dreher Bruce T.
 Dressel Dennis T.
 Dresser Fdn Inc
 Drete Jerome P.
 D'Souza Aloysius F.
 Dudley James W.
 Dull Melvin J.
 Dun & Bradstreet Corp Fdn
 Duncan Richard H.
 Dunlop, James S. Jr.
 Dunning, Thomas H. Jr.
 Durand Don K.
 Dutton Donald J.

E I Dupont De Nemours & Co
 Eastman Kodak Co - NY
 Eaton Corp
 Eaton Larry L.
 Eckhoff James L.
 Eckler Paul E.
 Edmondson Vernon J.
 Edwards David L.
 Edwards Gary D.
 Edwards Gene W.
 Edwards Michael P.
 Ege Donald L.
 Eike Clarie & Marga
 Eisenman Harry J.
 Electric Motor Works
 El Fakir John T.
 Elifrits C. Dale
 Ellebrecht David E.
 Elliott Joseph O.
 Elliott Ron
 Ellis J. Craig
 Ellis Thomas B.
 Ellis William A.
 Ellis William R.
 El Nokaly Magda
 Elloe Howard W.
 Elting Bruce B.
 Elzie Gregory W.
 Emanuel Jack H.
 Emanuel Richard L.
 Emerson Electric Co
 Engelbrecht Ronald L.
 Engelmann Robert
 Ensign-Bickford Found Inc
 Ephraim, Max Jr.
 Epstein Erwin H.
 Erb Allen J.
 Erickson Gordon L.
 Erkiletian, Dickran H. Jr.
 Erkiletian Joyce
 Ernst Raymond G.
 Esry Thomas Craig
 Estel Daniel
 Estey Jewellers
 Euler Delores E.
 Evans, James L. Jr.
 Evans Larry G.
 Eversman Walter
 Exxon Educational Fdn



1982 Rollamo

Falke Wilbert L.
Falkenhain V.E.
Farber Ralph J.
Farley A. Kirk
Farmers Production Cred Assn
Farmland Industries Inc
Faucett Thomas R.
Fdn in Refractories Education
Feagan Wilbur S.
Fed Of Soc For Coatings Tech
Feese Don E.
Fehr Robert J.
Feller Donald D.
Fenner Thomas
Ferre Nancy S.
Ferry Floyd
Festag A.P.
Fick Armin F.
Fields Ross A.
Finch Jewelry
Findley Marshall E.
Fine Morris M.
Finley Charles B.
Finley Fred W.
Finley Robert L.
Finnell Charles P.
Fischer John H.
Fitzgerald Paul H.
Five-O-Nine Package Store
Fleckal Robert F.
Flentje Linda C.
Flood Thaddeus F.
Flores Luis G.E.
Floyd, David A. Sr.
Fluor Corp
Fluor Fdn
Ford Motor Co Fund
Fore Jack D.
Forging Ind Educ & Res Fdn
Forgy-Gorman & Associates Inc
Forshee Margie
Fort George E.
Fort Martha K.
Fort, Tomlinson Jr.
Fossey Robert D.
Fossey Valerie J.
Foster Allen & Janice
Foundry Educational Fdn
Fox Valley Chem Coaters Assoc
Frame Wayne S.
Frances V Leach Charit Trust
Francis Lyman L.
Frank Gregory B.
Franklin, James A. Jr.
Friberg Stig E.
Friede Donald
Fries Michael M.
Fris Edward S.
Fritschen, Herman A. Jr.
Fronick David H.
Fru-Con Corp
Fulghum Gale
Fullbright James L.
Fuller Gilbert W.
Fuller Harold Q
Fulrath Jr Logan
Fulton Anne
Funk Joseph N.
Fusselman Timothy J.
Futura Coatings Inc

Gaebler Robert F.
Galloway Mrs C.T.
Gallup Archibald M.
Gammeter Elmer
Gammon William H.
Gardner Stuart
Gargus Robert
Garnett Jack
Garnett Michael J.
Gault Randolph P.
Gaw Martin T.
Gaylord Thomas K.
General Dynamics Corp
General Electric Co (Fairfield)
General Electric Fdn
General Motors Corp (Detroit)
General Motors Corp (Flint)
General Motors Corp (Warren)
General Telephone Co Of Ill
Gentry Jack
Geonetta Sam C.
George Samuel K.
Gerhart Bill L.
Gerig Martha M.
Gerlach Paul D.
Germer William C.
Gerson Robert
Gessley Donald
Getty Oil Co (Los Angeles)
Getty Oil Co Fdn
Getty Oil Company (Tulsa)
Getty Refining & Marketing Co *
Gevecker Vernon A.C.
Gielow George T.
Gieseke Donald
Gilberg Phillip
Gilbert Joan
Gilbert John C.
Gillam, William A. Jr.
Gilliam Michael T.
Gillispie Terri L.
Gilmore Jerry L.
Glaser Mrs Lois
Glassel Clifford
Glover James
Gnecco Richard
Goddard Walter O.
Goeddel William C.
Golden Corral
Golden Rule Ins Co
Goodin Vera J.
Goodman Daniel K.
Goodyear Tire & Rubber Co
Gordon, John A. Jr.
Gordon Kraig L.
Goss Fred
Gould Inc
Govier John P.
Goyer Randolph W.
Graham Glenn H.
Grannemann H. Neal
Grant Lester T.
Grawe Sarah C.
Gray David L.
Gray Robert L.
Greaves Wayne C.
Green William G.
Greening Frank S.
Greer Sherman E.
Gregorich Carl
Grellner Sales & Serv Inc
Greyhound Bus Station
Grice Harvey H.
Griffin Grant R.

Griffin Michael P.
Griffin Paul D.
Griggs, Will Jr.
Grimm C. James
Grimm Louis J.
Grinstead John E.
Grojean Francis A.
GTE Automatic Elec & Gen Telep
GTE Products Corp
Gulf Oil Corp
Gulf Oil Fdn
Gulf Science & Tech Co
Gullborg Allan W.
Gundy Douglas G.
Gutierrez Ernest
Guttman Mark

Haberstock Eugene R.
Hachmeister Robert J.
Hacker Alden G.
Hahn Dale Wm
Hahn James H.
Hairberdashery
Hale Edward B.
Haley Wilbur A.
Hall Dennis C.
Hall Floyd S.
Hall Frank
Halliburton Education Fdn
Hallmark Cards Inc
Hambacker John
Hambacker Kurt L.
Hamblen John W.
Hamlett Patrick W.
Hamman Rufus W.
Hammann Eugene E.
Hammett R. Lucille
Hammond Carolyn W.
Hankinson Risdson W.
Hanna Samir B.
Hansen Peter G.
Hanss Eugene J.
Harbaugh Karen S.
Harding George W.
Hare Donald E.
Hargis Dorothy M.
Harkins Michael J.
Harmon James V.
Harmon John P.
Harmon Robert L.
Harms Harold B.
Harrill William D.
Harris W. Floyd
Harry Mrs Eloise
Harry Nowlan Oil Acct
Hart June E.
Hartley Lucy A.
Harvey Edwin T.
Haseltine Gregory K.
Hasselmann Karl F.
Hatfield Charles
Hatheway Allen W.
Haviland Robert P.
Hayes Betty L.
Hays Francis H.
Heady J. Wendell
Heerst David T.
Hebbler Bottling Co
Heddinghaus Carol M.
Heflin Bertha
Heflin Robert W.
Hegler Burns E.
Heider Robert L.
Heilbrunn Ilse
Heilig Warren
Heimbarger Fred G.
Heitt Abstract Co
Heldenbrand Lonnie G.
Helliwege James W.
Helmkamp Lyndel L.
Henard David E.
Henderson Alan C.
Hendricks Craig
Hendry Gordon
Henning William A.
Henrikson Ralph L.
Henry John H.
Henry Walt
Hentzel David
Hepp Joseph I.
Heppe Richard A.
Herrick Thomas J.

Herrman Lumber Company
Herrmann Thomas A.
Hetlage Richard A.
Heuckroth William E.
Hewlett-Packard (Boise)
Hewlett-Packard (Corvallis)
Hewlett-Packard (Palo Alto)
Hickel Michael J.
Hiebert Gregory Lee

Hiebert Yoelit H.
High Donald A.
Hilke David L.
Hill Otto H.
Hill Peggy Stevens
Hill Roger A.
Hill Roland M.
Hilleary Harry
Hillhouse David L.
Himmelberg Henry J.
Hinkle K. Daniel
Hinkle Stephen W.
Hipotronics Inc
Hitchcock William S.
Hitzereth John
Hodgson Jack
Hodorowski Jerome J.
Hoefener James
Hoey Wayne Y.
Hoffman Jerry
Hoffman Roger P.
Hogan Construction Co
Holcomb Lester W.
Holiday Inn
Hollander Russell W.
Holmes Roger E.
Holt Michael L.
Honeywell Inc
Hoog Timothy J.
Hoormann Katherine A.
Hoover Harold
Hope Dress Shop
Hopkins Alfred R.
Hoppers Furs Ltd
Hoppock Harland H.
Horner Kent G.
Hornung Franz
Houghland Robert D.
Houille, Louis S. Jr.
Howard Johnson Motor Lodge
Howell Jon L.
Howell Richard F.
Howerton Louise
Hubert K Elrod Oil Properties
Huff Hal M.
Hughes Aircraft Co
Hughes Alice Margaret
Hughes George
Hughes John
Hughes Tool Co
Hunter Joseph
Hupp Kenton L.
Hursh Dale S.
Husmann Arthur L.
Hussey Raymond L.
Hutchinson Mozell

IBM Corp
Ihms David W.
IJames Carl E.
II Power Co
Illinois Mining Institute
Imes Jeffrey L.
Imperial Chemicals Ind LID
Industrial Process Equip Co
Ingersoll-Rand Co
Ingersoll-Rand Fund
Inland Steel - Ryerson Fdn
Institute Of Paper Chemistry
Intel Corporation
Intl Minerals & Chem Corp
Investment Casting Institute
Iowa Power & Light Co
Ireco Chemicals
Irvin Patricia A.

* J B Arthur Family Fund
J C Penney Co
J J Chemicals Inc
Jackson Allen
Jackson Bernyl
Jackson Donald W.
Jackson Lawrence C.
Jackson Leroy H.
James William J.
Jamieson George W.
Jansky Jonathon P.
Jarchow Jeffrey W.
Jasper Patricia
Jeansonne Diane
Jenks, William S. Jr.
Jensen William J.
Jim Dawson Memorial
Jim's Curtis Mathes
John Deere Fdn
* John H Dougherty Trust
John W Page Foundation
Johnson & Johnson
Johnson Bruce L.

* Deceased

UMR Development Council Activities

The University of Missouri-Rolla is perhaps unique in public higher education in that its development program reaches out to all its constituencies: alumni, parents, corporations and foundations, community and faculty/staff. Each of these efforts are represented by volunteer committees on the UMR Development Council.

A special thank you is extended to Council chairman, Vernon T. Jones, for his active leadership in bringing the Fund to a new record. Also, special recognition is given the many faculty members who add their academic influence in attracting corporate support for their programs.

At the fall meeting of the UMR Development Council, Alden G. Hacker, '41, was selected to chair the planned giving committee, previously directed by C. James Grimm, '30. Other committees will continue under current leadership mentioned in Vernon Jones' introductory statement.

New and reusable equipment was stressed in 1982 in the accelerated efforts and results were very gratifying. Major equipment valued at \$479,000 was received in 1982 compared to \$238,000 during 1981. This emphasis will continue in 1983.

The faculty advisory committee for development placed financial aid for students as the number one priority for the on-going development program, with library acquisitions and departmental funds close behind.

Several new buildings are in the development picture. These include Mineral Engineering, Engineering Management, Alumni/Music/Auditorium, and the Health/Information/Security building. It is proposed that these will be partially funded by state appropriations or revenue from the state bond program, with a share of the cost to be provided from non-state or private sources. The non-state funds are to furnish fixed and movable equipment for the buildings.

ANALYSIS OF THE 1982 DEVELOPMENT FUND

Source	Number of Gifts	Amount
Alumni	1601	\$ 208,021.88
Non-alumni	1862	121,534.39
Corporations	860	1,839,332.36
Foundations	16	92,825.73
Organizations	62	99,494.20
Bequests	27	218,714.60
Totals	4428	\$2,579,923.16

Not included in above totals: \$479,000 in value gifts of equipment from corporations and foundations.

Included in above figures, but not identified because of multiple accounting:

Community	673	\$63,419.43
Parents	459	34,124.56
Matching Gifts (Parents)	25	1,660.00
Matching Gifts (Other)	226	66,500.00
Faculty/Staff	1292*	39,853.16

*Includes monthly payroll deductions

Johnson Charles A.
Johnson Charles W.
Johnson Fred M.
Johnson James W.
Johnson Ken
Johnson Paul E.
Jokerst John B.
Jolley J.B.
Jones David E.
Jones Lester G.
Jones Melvin E.
Jones Oliver W.
Joseph E. Seagram & Sons
Joshua Michael W.
Joslin Le Compte

Kaczmarek Bill
Kaiser Warren
Kallor Jay S.
Kane Dick
Kansas City Power & Light Co
Kappa Kappa Psi
Kassner, James L. Jr.
KC Society For Coatings Tech
Keeley Gilbert S.
Ke Larber Nicholas
Keller C. Warren

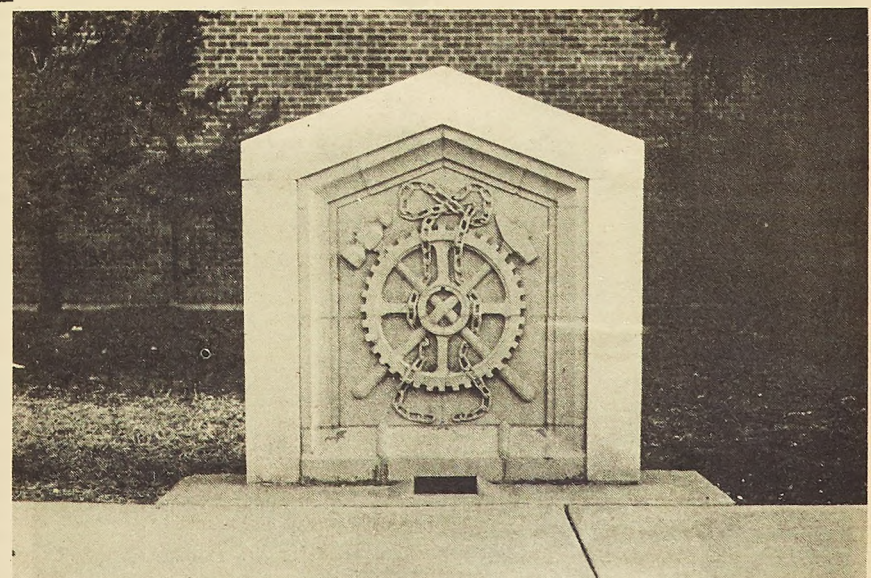
Keller, Donald R. Jr.
Keller Walter D.
* Kemper Claude L.
Kemper Robert J.
Kennecott Minerals Company
Kennedy Daniel
Kent Herbert E.
Kerr-McGee Corp
Kerr-McGee Fdn Inc
Key Billy A.
Khanwalkar Rajendra T.
Kidwell J.T.
Kieffer, Alonzo R. III
Killinger John C.
Kinder Janet D.
Kingsbury Ronald M.
Kinnett Douglas G.
Kirkman Roger
Kirkpatrick Ruel L.
Kirwan Armondo J.
Kiser Thomas D.P.
Kisslinger Fred
Kitchen Charles L.
Klein John
Knight W. Nicholas
Knippa Lyndon
Knox, James R. Jr.
Knutson Elmo G.
Ko Kow Kin

Ko Walter Wah-Oy
Kolde Ralph E.
Kolnik William S.
Koplar Harold
Koppers Co Fdn
Koshi Donald M.
Koval Leslie R.
Kovarik Clifford V.
Kozeny Donald J.
Krafft James D.
Kramer Herbert G.
Kramer Ralph H.
Kramer Roger L.
Kramme Joel I.
Kramp Charles D.
Kreek E. Albert
Krishnamurthy Gopalan
Krispin Joseph F.
Kroger Co
Krueger Harold A.
Kruger William A.
Krumme R.H.
Krummel, Clyde H. Jr.
Kruse Lucille
Kuelker Eugene L.
Kummer Frederick S.
Kurz Joseph
Kvale Thomas J.

L C Metals Inc
La Posada Mexican Restaurant
LaBonte Robert
Lacewell Katie
Ladd Harley W.
Lamar Jerry
Lambert Donald B.
Lambeth Jennings R.
Lammert Paul T.
Landman Howard
Lang Wayne
Langenfeld Vern
Lannen Richard
Lanning W. Ken
LaPlante Allan H.
Larkin & Associates
Lasko Helen D.
Lauer M. Monica
Laurentius Richard P.
Laviers, Harry Jr.
Lawrence Livermore Nat Lab
Lawson Vernon R.
Leaver Harvey B.
Leavitt Mrs J.E.
Leber Walter P.
Ledvina Joseph
Lee Stephen K.
Lee Walter
Leemann Donald J.
Leitterman Dennis W.
Lemen Bob
Leonard Gertrude V.
Levings David M.
Lewis Gaynell
Lewis Harvey L.
Li Shu-Mei
Licht Harry
Licklider Robert A.
Liddell John W.
Lindstedt Monte
Lipnick David J.

Little Billy F.
Littlewood Ian M.
Litzsinger Milton E.
Livengood Ross D.
Lockhart Frazer R.
Loftin Floyd E.
Long Gary J.
Long Insurance Agency Inc
Look, Dwight C. Jr.
Lorey G. Edwin
Lorraine Children's Shop
Love Donald
Love Mollyann
Loveridge Joel F.
Lovett Israel H.
Lowe Mary Esther
Ludwig Josh
Lueckenhoff Roger
Luke Yudell L.
Lukey Mark P.
Lykken Daniel C.
Lynch David G.
Lyon Louise R.
Lyons & Lyons Inc
Lyons Francis D.

Mackaman Frank
MacSithigh Gearoid P.
Madenjian Joseph
Magel Kenneth I.
Maggi Louise
Maid-Rite Drive Inn
Malberg Noling
Malin Charles D.
Malinsky Elsa
Mallinckrodt Inc
Mangoff, John N. Jr.
Manor Inn
Manuel Oliver K.
Marville Fund Inc
Marathon Oil Co
Marble James B.
March Randall S.
Marchello Joseph M.
Marek Glenn
Marek J. Douglas
Marfice Paul
Margulis Augusta
Marinez Richard G.
Markley Stephen E.
Marlin Nancy A.
Marquart Glenn
Martin Charles
Martin C. Vilas
Martin Sam
Maruska John H.
Maschek Thomas J.
Mason Henry
Mason J. Lloyd
Matchell Delores
Mathews Donald J.
Mathews Roger H.
Mathey, John D. Jr.
Matson Don D.
Mattei Peter F.
Matthews Raymond
Max Mary B.
Maytag Co Fdn Inc
McAdams, T.P. Jr.
McCarthy John M.



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McCarty John
 McChesney Stephen
 McDaniel Dennis R.
 McDonalds Restaurant
 McDonnell Douglas Corp
 McDonnell Douglas Foundation
 McFarland Robert H.
 McField, Charles B. Jr.
 McGehee Paul
 Mc Ghee Vernon T.
 Mc Grath James B.
 McGraw-Edison (Bussmann Div)
 McGraw-Edison (Power Sys Div)
 McGuinness William F.
 McHenry Howard R.
 McInerney, John P. Jr.
 McIntyre Robert C.
 McKee Jack B.
 McKelvey Ralph E.
 McKinney Garth G.
 McMillan Drury W.
 McMin Rita S.
 McPherson, George Jr.
 McSpadden Johnny
 McWilliams, Lyle W.

Meagher Phyllis
 Meenen Arthur R.
 Mehta Jagdish M.
 Meiners Robert G.
 Meitz Siegfried A.
 Melick Ross A.
 Mellott Robert N.
 Melville, Frank A. Jr.
 Mendoza Jose L.
 Meramec/Triad Printing
 Meredith Robert D.
 Merrigan Gerianne M.
 Merrigan Phillip E.
 Merrow John G.
 Metzner Henry E.
 Metzner John R.
 Meusch Larry
 Meyne Linda A.
 Micro/Tel
 Mid Cont Sec of Pet Engineers
 Mid Missouri Motors Inc.
 Middendorf Mark A.
 Middour Eldridge S.
 Midwest Pipe Fabricators Inc
 Miesner Thomas O.
 Miller Eberhard H.
 Miller Edward D.
 Miller Gayle
 Miller Harold C.
 Miller Lawrence E.
 Miller Randy B.
 Miller Richard W.
 Million Daniel L.
 Millman Samuel E.
 Mills Matthew J.
 Minerals Industry Educ Fdn
 Mingo Henry J.
 Minne Eric M.
 Minnesota Mining & Mfg Fdn
 Missouri Furniture
 Missouri Golf Association
 Mitchell Bruce S.
 Mo Public Service Co
 Mobil Fdn Inc
 Modesitt Donald E.
 Mohr John W.
 Moline Daniel D.
 Monders Carol
 Monsanto Co

Monsanto Fund
 Monsch Henry D.
 Montgomery Robert L.
 Moon Mrs Kenneth R.
 Moore Robert E.
 Moore Ronald D.
 Moore Weldon
 Moran Ernest
 Moran Kevin
 Morgan J. Derald
 Morgan John G.
 Morgan Joseph E.
 Morgan Mark D.
 Morgan Michael L.
 Morgan William C.
 Morris Arthur E.
 Morris Jack F.
 Morris John
 Morris Larry D.
 Morris Orville W.
 Morrison Donald J.
 Morrison Knudsen Co Inc
 Morrow Patricia
 Motorola Fdn
 Motorola Inc
 Moulder Wilbur J.
 Movitz Norman
 MSM-UMR Alumni Assn
 Mueller Carl J.
 Mueller Frederick M.
 Mueller Lawrence J.
 Mullen Michael J.
 Mulligan, James A. III
 Mundell Richard
 Munger Paul R.
 Murmac Finishes Inc
 Murphy Larry K.
 Murray Charles J.
 Murray Michael L.
 Myers Donald D.
 Myers Marion A.
 Myers Michael R.
 Myers Richard J.

Nadelhoffer Laura J.
 Naeger Robert J.
 Naehar Mary E.
 Nandico Paul
 Nanney Larry J.
 Napper Richard
 Nat'l Act Council-Minorities
 Nat'l Blank Book Co Inc
 Nat'l Paint & Coatings Assn
 Nat'l Steel Corporation
 Nat'l Supermarkets Inc
 Natural Gas Pipeline Co Of Am
 Nau Elizabeth
 Nau Robert H.
 Nauert, Paul J. Jr.
 NCR Corp
 Neal Kenneth R.
 Nebel Thomas C.
 Neely Liston E.
 Nelson J. Byron
 Neumeier Leander A.
 Neumeyer Donald G.
 Neumeyer Wendell D.
 Nevins, Marvin E. Jr.
 Newman William B.
 Newmont Mining Corp
 Ngo Henry Hung

Nickel Melvin E.
 Nikolaisen Katherine
 Noble Drilling Corp
 Noble Michael W.
 Noble William D.
 Noel Robert C.
 Nolan John B.
 Nolfo Louis J.
 Nooter Corp
 Noranda Aluminum Inc
 Nordic Controls Co
 Norman Amos
 North Mrs Hallie B.
 Norton Michael D.
 Null & Son Funeral Home
 Nunnally Edwin C.
 Nuss Larry R.
 Nye Virginia

Oakley David L.
 Oberbeck, William F. Jr.
 Oberschelp William F.
 O'Bryant, James E. II
 O'Dear Craig S.
 Offutt, Joseph C. III
 O'Keefe Thomas J.
 Okenfuss Richard H.
 O'Kraski Stanley L.
 Old Ben Coal Corp
 Oldham Douglas G.
 Olin Corp Charitable Trust
 Oliver Larry J.
 Olson Ethel M.
 Olson John
 Olson Robert A.
 Olusanya Olusegun O.
 O'Mara, Edward M. Jr.
 Omurtag Janet
 Omurtag Yildirim
 Osman John H.
 Overall Wilson W.
 Overmyer Lance A.
 Overturf Richard D.
 Owens Sandra L.
 Owens Terrance A.
 Owens-Corning Fiberglas Corp
 Ownby P. Darrell
 Owsley Ed A.
 Ozarks Coca-Cola Btlg Co
 Ozorkiewicz Ralph L.

Packaging Education Fdn Inc
 Painter, Jack B. II
 Painter John L.
 Palmo Management Company
 Panhandle Eastern Pipe Line Co
 Panhandle Producing Co
 Panhorst Terry L.
 Park Dean A.
 Park John H.
 Park John T.
 Pasley Felicia A.
 Patrick Michael D.
 Patten Evelyn
 Patterson Barbara R.
 Patterson Gary K.
 Patterson Harold
 Paul Raymond E.
 Pauls Franklin B.
 Payken Craig L.
 Peabody Coal Co
 Peachery Jerry L.
 Pearce Ellen
 Peat, Marwick, Mitchell & Co
 Peccola Allan Kent
 Peccola Amel
 Pedersen Constance
 Peer Daniel D.
 Pelletier Louis
 Penning Martin O.
 Pennock Annie L.
 Penzel George A.
 Pericich Joseph
 Perkins Michael A.
 Perko Robert A.
 Perry E.L. Roy
 Perry James H.
 Perry Norris W.
 Perry Russell E.
 Pertici Andrew L.
 Pesante Jose
 Peters John W.
 Peters Richard E.
 Peterson Robert F.
 Petro-Lewis Corporation
 Pfeifer Herman J.
 Phelps County Bank
 Phelps County Broadcasting

Phelps County-City Panhellenic
 Phillips, Harvey I. Jr.
 Phillips Petroleum Co
 Phillips Petroleum Fdn Inc
 Pi Shing-Chou
 Pichat Pojanasomboon
 Pierce Donald Z.
 Pierce Maurice C.
 Pierce Thomas R.
 Pinsky Rose
 Piros Ronald A.
 Pittman Larry P.
 Pizza Inn
 Plag Fred A.
 Planje George
 Plaza Laundry
 Ploeger Richard A.
 Plummer, Thomas P. Jr.
 Pohl Robert A.
 Pohligh Kenneth D.
 Pohlkotte Eng Co Inc
 Pohlman David S.
 Pohlman Steve
 Pohlmann Edgar F.
 Poland John
 Poling Bruce E.
 Polk Gail
 Pollak John A.
 Pollmann Ronald M.
 Pomeroy Frank N.
 Pomeroy Mrs G.K.
 Pomeroy Wilford C.
 Ponder Paul E.
 Poor Homer L.
 Popeck Charles A.
 Porter Eshmal L.
 Porter Jim
 Portland Cement Association
 Posey Jack W.
 Potter C.J.
 Pottinger, Hardy J. III
 Powell Bowman
 Powell Lumber Co
 PPG Industries
 Prange Marie A.
 Prange Mrs Herbert L.
 Prater D.F.
 Prater, Raymond B. Jr.
 Presson Kathryn M.
 Price Clayton E.
 Price Delphia L.
 Price Peter T.
 Price Richard
 Priest John E.
 Primm Alex T.
 Procter & Gamble (Hdqtrs)
 Procter & Gamble (Mfg)
 Procter & Gamble (Paper Prod)
 Proe James L.
 Public Service Indiana
 Pulford William M.
 Pulse Sidney
 Pulse William Lyle
 Pursell Lyle E.
 Purtee Aaron D.
 Putnam Bordon

Quality Cleaners
 Quinn Michael J.

Raidt Paul B.
 Rakaskas Joseph E.
 Ralph M Parsons Co
 Ralston Purina Co
 Rambow Frederick
 Ransdall Distributing
 Rasch David R.
 Rauls Gary L.
 Ray Eugene E.
 Reagan William A.
 Redding James A.
 Reece Corliss M.
 Reed Ernest
 Reed Harvey
 Reed Samuel L.
 Reed, Walter G. Jr.
 Regenhart Edward T.
 Reid Edwin D.
 Reinhardt David W.
 Reinoso Y Reyes
 Remington, Charles R. Jr.
 Remmers Edward G.
 Remmers Thomas A.
 Remmers Walter E.
 Renick, Murray Jr.
 Renth John
 Research Cottrell, Inc
 Reynolds Jerry A.
 Reynolds Metals Co Fdn



1982 Rollamo

Order of the Golden Shillelagh

The Order of the Golden Shillelagh was established on Founders Day in 1977, to recognize the many alumni and friends who provide significant support to the University.

In addition to the written acceptance to membership, there are several option plans a person may select to earn membership in the group. One is a pledge of \$10,000 during a ten-year period at a rate of not less than \$1,000 a year. Another is a single gift of \$10,000 or more. A planned gift by means of charitable trust, bequest, life insurance, or other, of at least \$15,000 also qualifies as does a combination of current and planned gifts amounting to \$12,500.

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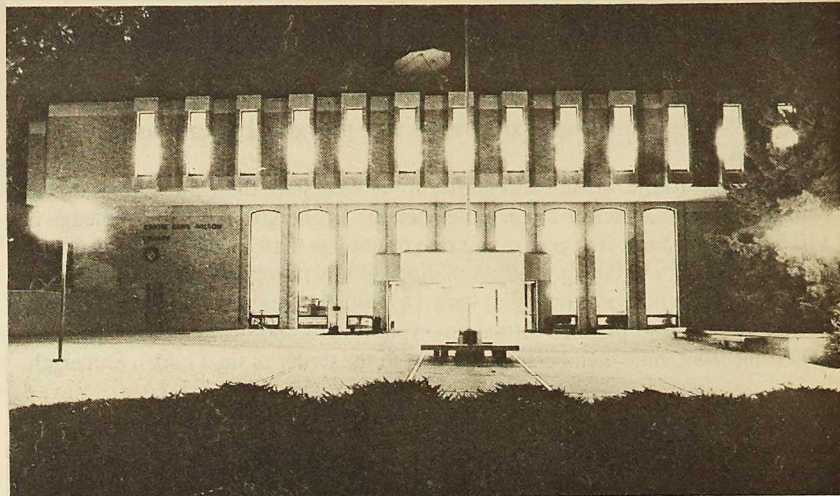
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 John P. Soult Fund
 Standard Oil of California Scholarship Fund
 Mr. and Mrs. Norman A. Stockett Scholarship Fund
 Bruce B. Strang Memorial Fund
 Maillard R. Strunk Scholarship Fund
 John R. Stubbins Loan Fund

Stupp Brothers Gift Fund
 Jules H. Subow Memorial Scholarship Loan Fund, Emergency Loan Fund
 Sunstrand Fund Scholarship
 Sverdrup and Parcel Scholarship Fund
 Harvey L. Tedrow Fund
 Teledyne VISA Fellowship
 Tenneco Scholarships-Geological Engineering
 Texaco Fellowship in Chemical Engineering
 H.D. "Tommy" Thomas Grant
 Carlos and Joan Tiernon Scholarship Fund
 Frank E. Townsend Loan Fund
 UMR Academy of Civil Engineers, Fruin-Colnon Scholarship
 UMR Band Fund
 UMR Parents' Association Fund
 Union Electric-Culp Fund
 Union Pacific Foundation Scholarships
 Burr R. Van Nostrand Memorial Scholarship
 Edwin W. Waggoner Loan Fund



1982 Rollamo

Harbison Walker Scholarship
 William Hamlet Webb Endowed Scholarship Fund
 Western Electric Loan Fund
 Westvaco Fellowship
 Charles and Anna Wiese Loan Fund
 Clark Wilson UMR Scholarship Award
 Curtis L. Wilson Loan Fund
 L.L. Woodman Memorial Scholarship Fund
 Lewis E. Young Scholarship Fund
 Marvin Zeid Scholarships
 Zeigler Coal Company Fund
 H.E. Zoller Loan Fund for Engineering Fees

Jobs

The services of UMR's Career Development and Placement Center are available to alumni as well as students. Each week, many companies request assistance in locating applicants for jobs requiring experience in addition to degrees.

To obtain information about the current job listings, alumni need to send an up-to-date resume to the Career Development and Placement Office. The placement staff will make the resume available to companies looking for people with experience, and will send the alumnus a copy of the latest job listings. These contain job descriptions as well as names and addresses of people to contact.

If you wish to use this service, contact: A. Sam Burton, assistant director-placement, Career Development and Placement Office, UMR, Rolla, MO 65401 (phone: 314/341-4288).

75th St. Pat's Celebration...It's Time to Think Green!

1983 marks the 75th Annual Best Ever St. Pat's Celebration here at UMR. Help renew all those wild memories of past St. Pat's and be part of the 75th by purchasing 1983 St. Pat's GREEN.

If you're staying home this year, wear your 1983 Green to the local Irish pub, and show everybody how St. Pat's should be celebrated. If you're coming down to Rolla, you'll want to buy Green so that you won't be the only person without a 1983 St. Pat's sweatshirt at the parade.

A special item this year is a white sweat shirt with distinctive 75th anniversary message in green. Cost of the special sweatshirt is \$9.50. Be sure to include the words "white sweatshirt" in your order.

Children's sweatshirts will again be available this year for \$7.50 each, S-M-L (small fits a three-year-old).

Any questions or orders can be sent to the Alumni Sales Chairman at the following address:

St. Pat's Board
 University Center
 University of Missouri-Rolla
 Rolla, Mo. 65401

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Orders of \$10 or under, please include \$2.25 for postage. Orders for more than \$10, please include \$3 for postage.	



John E. Schork, '47, Speaks at Commencement

The status of industry in the United States and the future of today's graduate in industry were the two subjects dealt with by John E. Schork, '47, chairman of the board and chief executive officer of Research-Cottrell Inc., Somerville, N.J., in his address to the graduates at the UMRolla Winter Commencement Sunday, Dec. 19.

In addition to delivering the commencement address, Schork was awarded the doctor of engineering degree (honoris causa). He holds a B.S. in metallurgical engineering from UMRolla.

About 600 students, most of them in engineering and the sciences, received degrees at commencement.

"If you read or listen to any communications media, you know that American industry has fallen upon hard times," Schork told the students. "It is not only because of the current recession; there has been a steady decline for the past many years. We are all familiar with the major reasons for these hard times...and they usually include: 1. the Japanese; 2. the Germans; 3. we rebuilt their industry after World War II and not our own; and 4. American unions are killing productivity. Is that right? -- Wrong! -- The problem with American industry is American top management.

"American industry was always known because of the quality of its products, but a change started to take place in the early 1960's," Schork observed. "The first real go-go stock market since 1928 evolved, and with it the concept that a manager is a manager is a manager. People came out of business schools and financial areas trained in the concept that a manager could manage any business regardless of the product. As a result, the focus of management shifted from the product to marketing and financing the product.

"Ever since the 1960s, the primary evaluation of companies has been on their growth in income and earnings per share," Schork continued. "Based on this performance, the stock prices went up or down which had a major impact on the ability to consummate acquisitions, raise capital and many other factors. Management forgot the employees and the customers and concentrated on the numbers and the shareholders. The Europeans and the Japanese saw this trend and moved right in on our markets, selling quality products that the customers were looking for, not what American management thought the customer should have."

After citing some examples within his own industry (the environmental business) and others, such as automobiles, and power, Schork speculated that most top management now realizes that we have to go back to improving technology and quality and that this is where the training of the engineering graduate will shine.

In addition to pointing out the increased opportunities, he charged the graduates with being true to their personal scale of values.

"Success or failure depends primarily on your own perspective," Schork told the students and cautioned them to be aware that success "has nothing to do with what your parents think or what your friends think.

"Hopefully, what they (your teachers) have done is challenge you and given you the tools to help you make up your own mind about a lot of choices."

He also offered the graduates a challenge to help improve the country and the world by "recognizing that you are responsible to yourself."

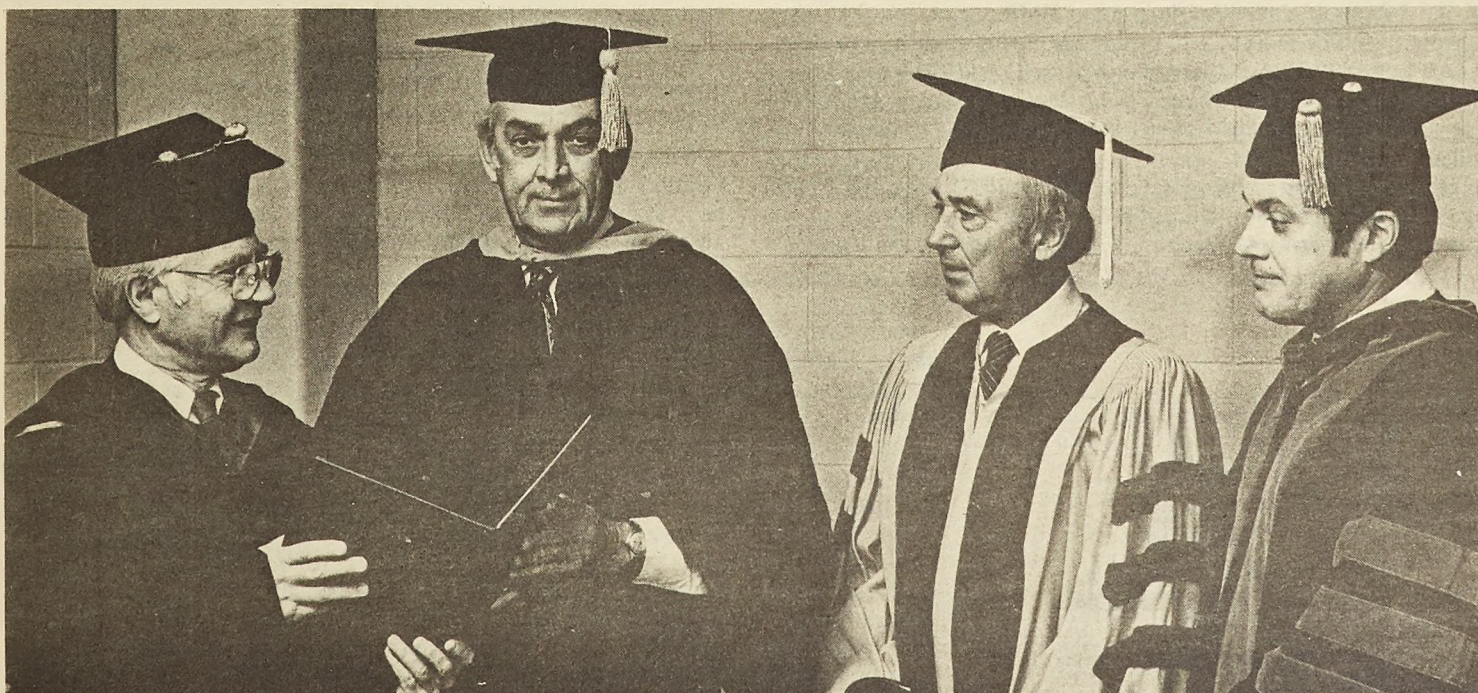
"If you can make yourself a better and happier person, the country and the world, in turn, will benefit," he continued. "If, in the final analysis, you do with your life what you want to do instead of what you think you have to do, we all will be much better off."

Schork worked with several metals refining firms before joining Research-Cottrell Inc. (an environmental control company) in 1956 as an engineer. He was named assistant to the president in 1960 and director of manufacturing later that year. He was elected president and director of the company in 1964 and to the additional post of chairman of the board in 1968. He relinquished the presidency in 1977 and now serves as chairman of the board and chief executive officer of the company.

He is a member of the American Society of Mining, Metallurgical and Petroleum Engineers; American Management Association; Air Pollution Control Association; Engineers Club of New York; and the National Industrial Pollution Control Council.

He has served as director of the First National Bank-Central Jersey and Oxy Catalyst and Research Cottrell-Canada. In addition, he has served on the New Jersey Chamber of Commerce and the New Jersey Science/Technology Center.

Commencement was held at 2 p.m. in the Gale Bullman Multi-Purpose Building.



John E. Schork (second from left) receives the doctor of engineering degree (honoris causa) at the Winter Commencement. With him are (from left): UM President James C. Olson; William T. Doak, president of the Board of Curators; and UM-Rolla Chancellor Joseph M. Marchello.

Dr. Yu Named Curator's Professor



Dr. Wei-Wen Yu, professor of civil engineering at UMRolla, has been named a University of Missouri Curators' Professor.

The professorship is awarded to outstanding scholars with established reputations in their professions. Yu is the fourth UMR faculty member to receive the honor. Previous recipients are Dr. Stig Friberg, chemistry; Dr. David Summers, mining engineering; and Dr. Delbert Day, ceramic engineering.

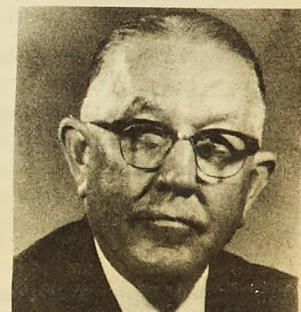
Yu is an internationally known authority in structural engineering, particularly in the field of cold-formed steel structures.

Yu joined the UMR faculty in 1968. A native of China, he received a B.S. in civil engineering at National Taiwan University in 1950, an M.S. in civil engineering at Oklahoma State University in 1955, and a Ph.D. in structural engineering at Cornell University in 1960.

Before coming to UMR, he was research engineer and senior research engineer at the American Iron and Steel Institute, New York City, and staff engineer with TRW Systems, Redondo Beach, Calif.

In addition to teaching graduate and undergraduate courses in structural engineering at UMR, he has directed or participated in 11 research projects funded by grants totalling about \$430,000. Three major research projects are currently under way. These include a preliminary study of automotive structural components using high-strength steel sheets. He is also revising recommendations on load and resistance factor design of cold-formed steel and re-evaluating web crippling strength of cold-formed steel beams.

"Dr. Yu's research activity in structural engineering, particularly in the field of cold-formed steel structures, has brought him national and international recognition," says Dr. Joseph H. Senne Jr., chairman of the UMR department of civil engineering. "His research findings have been used to improve design specifications issued by the American Iron and Steel Institute (AISI) and to prepare AISI technical publications. In addition, as a result of his research and efforts in continuing education, UMR is an internationally recognized center of excellence in the field of cold-formed steel structures."



Rex Z. Williams Receives First Chancellor's Medal

The first UMRolla Chancellor Medal was awarded to Rolla businessman Rex Z. Williams during Winter Commencement on Dec. 19.

The UMR Chancellor Medal was established in 1982 under the auspices of UMRolla Chancellor Joseph M. Marchello to honor individuals who have contributed to the well-being, growth and development of UMR.

The award is authorized and sponsored by the MSM-UMR Alumni Association, according to Frank Mackaman, executive vice president of the association and director of alumni/development at UMR.

"It's an honor for UMR to be able to present the first of these awards to an individual such as Rex Williams," Chancellor Marchello said. "His association with UMR dates back more than 50 years to his days as a student, and his record of service to the University, as well as the state and the community, speaks for itself."

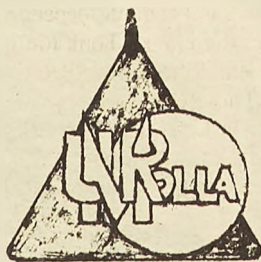
Williams received a B.S. in metallurgical engineering (1931) and a B.S. in civil engineering (1935) from UMRolla. He also holds an M.S. in engineering mechanics from the University of Wisconsin (1936) and attended the University

of Michigan.

He joined the UMR faculty in 1931 as an instructor of mechanics and later became professor of mechanics and chairman of the department of mechanics. He was associate dean of UMRolla (at that time the number-two administrative position on campus) in 1952 when he resigned to become executive vice president of the Rolla State Bank (now Centerre Bank). He had been a member of the bank's board of directors since 1944. He became president of the bank in 1960 and chairman of the board in 1975.

In 1934 Williams developed iron pyrites in Phelps County while operating under the name Thomas & Williams Mining Company. The operation continued until 1939 at which time it was Missouri's largest producer of pyrites.

Williams began serving a six-year term on the University of Missouri Board of Curators in 1975 and served as the Board's president for one year. In addition, he served as treasurer of UMRolla for nine years and was a director of the MSM-UMR Alumni Association for 19 years.



The primary visual elements in the UMR Chancellor Medal are the intertwined initials "UMR," the word "Rolla," a circle and a triangle. These elements symbolize the excellence of the institution and its completeness, continuity and stability.

The initials indicate the closeness of the relationships that exist between the University, the state of Missouri and the Rolla community. "Rolla" indicates the identification of the word and town with UMR since its founding as the University of Missouri School of Mines and Metallurgy in 1870. The circle circumscribes the University's completeness and continuity, while the triangle, which ties all of the other elements together and which traditionally has been an engineering symbol, represents the mission of the University (education, public service and research) and the UMRolla's three academic units (Arts and Sciences, Engineering and Mines and Metallurgy).

The medal was designed and executed by Robert V. Wolf, assistant dean of the School of Mines and Metallurgy and acting chairman of the mining engineering department at UMR.

A new book, "UM-Rolla: A History of MSM/UMR," is due from the printer about March 18. Written by Drs. Lawrence Christensen and Jack Ridley, members of the UMR history faculty, it is an account of the major events and people who directed and shaped the growth of this institution.

In addition to the facts and figures, the authors searched reams of documents, old Rollamos and issues of the Miner, and interviewed many alumni across the country, to draw a picture of student life on campus through the years.

In this issue of The Alumnus, we have included excerpts from three chapters of the books. The finished product contains some 326 pages.

Copies of the book will be available at the UMR Bookstore. It's your university! Order your copy now — order blank is on page 34.

UM-Rolla: A History of MSM/UMR

Chapter IV... "No Place for Idlers"—Student Life 1876-1917

About Student Groups....

A select group of students developed an unusual club. Called Quo Vadis, it centered on riding trains free and took as its symbol the hobo. With a motto of "please Mum," colors of black and blue and a flower called the dog fennel, Quo Vadis held two national conventions in Rolla. Representatives came from William Jewell, Drury, University of Oklahoma, University of Missouri and Westminster. In 1915 School of Mines members included such campus leaders as Charles Yancy "Boots" Clayton and William "Mac" McCartney.

Fraternities came to MSM in 1903. College fraternities had been around since the late 1920's, and by 1870 had become an important and controversial feature of student life on many campuses. The arrival of Sigma Nu on the Rolla campus in 1903 is another indication of the evolution of the School from a "country academy" to a college. Ray F. Rucker and John T. Price, MSM students, brought a representative from the national Sigma Nu office to Rolla, and, on Jan. 23, 10 other students joined them as charter members of Gamma Xi Chapter. In April, other students established Beta Alpha Chapter of Kappa Alpha, and, in December, still others formed Beta Chi Chapter of Kappa Sigma. Two years later, William McTighe and Tarris Walker, along with five others, received a charter for Pi Kappa Alpha. Its first pledge was Horace Tharp Mann, later a professor at the School of Mines. Not until 1917, when Lambda Chi Alpha was established, did a fifth fraternity join the group. As early as 1907, Sigma Nu, Kappa Alpha, and Kappa Sigma provided houses for their members.

In addition to fraternities, School of Mines students organized eating clubs. Members shared the expenses of providing for their meals. Student identified themselves in the **Rollamo** as belonging to these clubs just as they did with the fraternities. In the 1910 yearbook, the Lucky Strike and Miner's Club were listed. In 1914, eating clubs included Grubstakers, R-Way, Beanery, Muckers, and Prospectors. The next year Corsair and Bonanza joined the others. By 1916, MSM students supported seven eating clubs and four fraternities.



St. Pat's arrival at railway station in 1915.

The Freshman Fight....

When hazing began at MSM is unclear, but the hazing of freshmen had become a practice by the early 1900's. The **Rollamo** of 1907 described the introduction to college life given the freshmen in 1903. The sophomores had made a heavy canvas blanket equipped with handles along its sides. They captured freshmen and placed them on the blanket, "the object being to discover which freshmen could be sent the highest or present the most amusing spectacle."

The freshmen decided to organize to marshal their forces. They elected officers, and that night marched through the streets giving class yells. The yells roused the sophomores and upperclassmen and the school assembled on the football field. The freshmen divided themselves into squares, eight men deep, and awaited the sophomores, who advanced in a body. According to the 1907

Rollamo:

As they came forward, the Freshmen made a coup which won the night for them. They had a long rope, said to have been supplied by 'Arizona Pete' Radovich..., with this they encircled the oncoming sophomores, while the others fell upon them. A wrestling match followed and continued for an hour, when the sophomores were willing to admit defeat.

Chapter VI.... "The Boys at Play"—Student Life 1918-1945

Student Pranks....

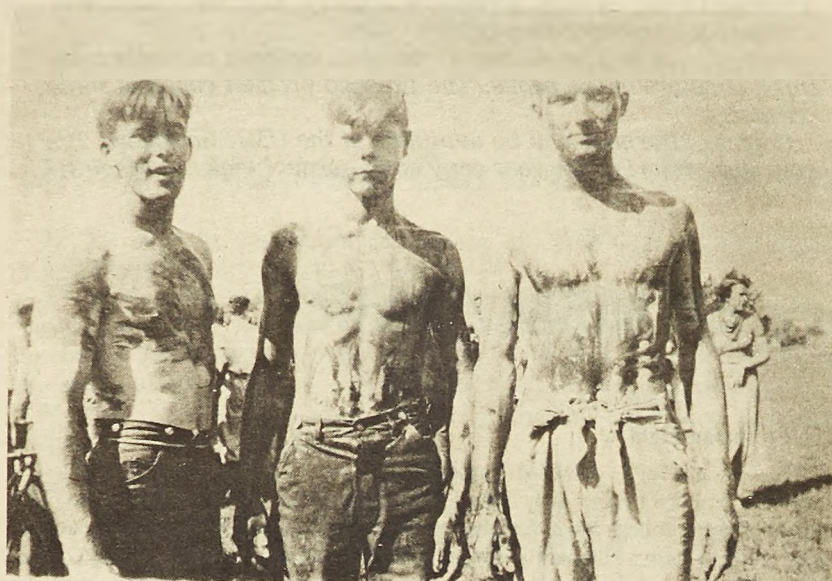
After the rather brief Spartan existence in 1918, student life returned to normal for the next two decades. Normal meant a certain number of student pranks. George Dean walked into his office one morning to find an assortment of livestock occupying the premises. The wizened "Old Prof" had long boasted of participating in a similar stunt against the director of the School in the 1890's. According to eyewitnesses, Dean never again mentioned the incident.

"Crashing" the movie theater also was a favorite pastime following a victory on the athletic fields. Crashing meant rushing into the theater en masse without purchasing tickets. The theater manager usually exhibited good sportsmanship by looking the other way. Besides, expelling students from the premises might end in a barrage of rotten eggs and tomatoes. One inventive manager solved the problem one cold wintry evening by shutting off the projector and the furnace and opening the doors, literally freezing out the "crashers."

Town and Gown....

Townpeople, students and faculty had a good working relationship. Both the town and the School were small and the interdependence between the two was recognized. Scott's Drug Store, the Honky-Tonk (until 1929 when the little green shack on 11th and Pine was demolished), and the H & S Student Store were favorite student "hang-outs." Those eager for news would congregate in the Long Garage. The owner, Edwin Long, owned a fine radio set that he generously shared with students and townspeople. He placed bulletins of pertinent news items and weather reports on the window of the garage.

As expected, in a setting where everybody knew everybody, gossip abounded, particularly when it concerned alleged licentious behavior on the part of Miners. In 1924, the parlors and sidewalks of Rolla literally hummed with news about an incident at the annual freshman smoker where students witnessed a demonstration of exotic dancing by a troupe of ladies from St. Louis.



Aftermath of the freshman fight, 1935. From left to right: James Wilson, John Soult, and John Livingston.

Chapter IX....“Mule Skinning and Matriculation”--Student Life, 1945-1964

In the fall semester of 1946, about 2,600 students crowded into Rolla and spilled over into the surrounding towns of St. James, Newburg and Doolittle. Living quarters were at a premium as this “Miner”-style Mother Goose Rhyme suggests:

Hey there, Landlady,
Have you any room?
Yes sir, students,
And quiet as a tomb.
Down in the meadow, 'bout two
miles away,
There's an old cowshed where you
can hit the hay.

On campus, classes and labs ran from 7 a.m. to 10 p.m. six days per week. Temporary buildings, hastily assembled, appeared all over campus.

As the School exhibited a new look, the City of Rolla no longer fit the image of a quiet country town. Instead, Rolla resembled a boom town. Thanks to nearby Fort Leonard Wood and MSM's growth, Rolla's population by 1946 was estimated to be 10,000. In addition to the School of Mines and governmental agencies such as the USGS, the U.S. Bureau of Mines, and the Missouri State Geological Survey, the community could boast of the John Stephens Shinkle Shoe Co. and the Missouri Trachoma Hospital.

The remodeled Pennant Tavern remained a favorite student watering hole as were Tucker's Soda Shop and Scott's Drug Store. The H & S Student Store, in its second generation, restricted its services to serving meals. New establishments which appealed to students included the DeLuxe Recreation Hall and Montgomery's Rendezvous. The Houston House in Newburg, famous for its fried chicken and biscuits, was operated by Hub Houston, a member of the famed

1914 football team. By the 1960's the new Student Center became a hangout for students.

Athletics....

Discuss Miner athletics with anyone familiar with the School of Mines and before the conversation goes far, the discussion will center on Gale Bullman. The most famous and beloved coach in the history of the institution did not like to be called “Coach.” Known to all as Gale, Bullman earned a law degree at Washington University before accepting the job of head football coach at MSM in 1937. His tenure was interrupted by a tour in the Navy during World War II, but he returned to Rolla in 1946 and remained in the athletic department until his retirement in 1970.

Gale Bullman taught his athletes to enjoy themselves. The skeptic need only ask the boys who played for him. The answer is in their faces.

In addition to his role as head football coach and later as athletic director, Bullman should be credited with developing the intramural program. In 1945, intramurals included football, basketball, wrestling, boxing, cross country, swimming, and volleyball. By the 1950s, softball, handball, horseshoes, golf and table tennis had been added to the list, altogether an impressive variety for a small school.

Athletics, be they varsity or intramural, were an integral, almost casual part of the student experience at MSM between 1945 and 1964. With an emphasis on enjoyment and in the absence of athletic scholarships, here was a sports program which stressed academic performance over athletic prowess. These factors doubtless rendered those rare conference championships and victories over a rival like Washington University even more satisfying and memorable. Keep this in mind when judging students of those years, as they rushed out to celebrate those sweet victories by ringing bells, rushing theaters, igniting bonfires, or otherwise disturbing the town's tranquility.



Registration Day, Jackling Gymnasium.

Send me _____ copies of “UM-Rolla: A History of MSM/UMR”

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Robert G. Fuller, '57, is professor of physics at the University of Nebraska-Lincoln. He is the son of Dr. Harold Q Fuller, emeritus dean of the College of Arts and Sciences and professor emeritus of physics at UMR. Bob, who lives at 3443 W. Pershing Road, Lincoln, NE 68502, is currently on sabbatical in England. Just before he left the country, he attended the reunion of his class at UMR in October. He also gathered together physics alumni for an informal reunion celebration at the home of his parents. He has been an active member of the American Association of Physics Teachers as well as other professional organizations. Innovative methods of teaching have captured his interest and one of his projects in that area became the subject of a feature article in the Lincoln Star (morning newspaper). The paper gave us permission to reprint the article, written by Bob Reeves, and the photo, by Harald Dreimanis.



Robert Fuller, left, and Ron Daynes, developers of videodisc of historic bridge collapse.

Bridge Collapse Captured on Disc for Students

On Nov. 7, 1940, the Tacoma narrows Bridge in Tacoma, Wash., began rippling like a flag in the breeze.

After several minutes, the massive steel-and-concrete suspension bridge collapsed.

A newspaper reporter who was on the bridge crawled to safety just in time to watch his car, with his daughter's pet dog trapped inside, plunge into the water below.

"I had a feeling of helpless horror," he reported afterward.

The bridge collapse puzzled its designers, who claimed to have engineered the span for every possible weather condition. They overlooked the condition, however, which caused what physicists term "standing waves" to develop on the bridge, causing it to rip apart.

Since that time, engineers have made sure that there will never be a repetition of the Tacoma Narrows disaster.

However, the bridge's collapse has continued to fascinate students of physics.

Robert Fuller, University of Nebraska-Lincoln physics professor, has created an educational videodisc that uses the bridge disaster as the jumping-off point for a lesson in the physics of wave motion.

Produced by Nebraska Educational Television in 1979 under a grant from the National Science Foundation, the videodisc has been popular with both beginning and advanced students alike, Fuller said.

The copyright to the disc was recently acquired by John Wiley and Sons, a major scientific publisher, who is marketing the videodisc commercially.

The marketing venture marks a first, both for Fuller and for NETV. Although NETV has produced more than 41 different interactive videodiscs, this is the first one to be mass-produced and distributed by a national publisher, explained Rod Daynes, director of NETV's Videodisc Design/Production Group.

Watching the disc has all the excitement of a movie newsreel accompanied by the "hands on" qualities of a laboratory experiment.

The disc begins with actual film footage of the bridge's gyrations and collapse, with first-person accounts by eyewitnesses. This is followed by a sequence in which the student can select nine different combinations of wind speeds and gust frequencies to determine their effects on a model of the bridge.

The "interactive" nature of the disc allows the viewer to choose which

sequence he wishes to see next. If something is unclear, he can back up and review it.

Students can select one of three different levels of instruction, with material matched to their abilities. Explanations range from material that requires only basic arithmetic and no prior knowledge of physics, to problem-solving that assumes advanced algebra and familiarity with physical laws.

Obviously proud of his venture into commercial marketing, Fuller sports a T-shirt with a picture of the bridge captioned, "How a spectacular bridge failure becomes a fascinating physics lesson."

He likes to show off the slick, colorful jacket of the disc, which looks like the cover of a long-playing record. Copies of the disc will sell for about \$100 apiece, he said, and are playable on both home and more sophisticated industrial-style disc players.

Videodiscs have many advantages, Daynes noted. One side of a disc can hold the equivalent of a roomful of computer tape, or "about a billion times more storage than a floppy disc" used in popular mini-computers, he said.

Because of rapid access to any point on the disc, fairly complex interplay between the viewer and the information in the disc is possible. The sound and picture quality are generally better than with videotapes, he added.

Interactive videodiscs not only can quiz students to see if they are understanding what they are seeing, but — in conjunction with a computer — can evaluate the students' performance and give them a grade.

One NETV videodisc produced for the UNL Law College simulates an actual trial, in which the viewer serves as prosecuting attorney. The viewer submits evidence, and gets feedback on his courtroom performance.

Fuller contends that videodiscs will someday replace textbooks — and maybe even newspapers — as our chief sources of information, but Daynes questioned whether they will catch on soon in the home market.

"It may be too much of a conditioned response, for a person to just sit and watch television rather than interact with it," he said.

As more publishers begin to produce interactive discs with the home viewer in mind, however, that is expected to change. Youngsters growing up on home computers will find it easy to move into the world of interactive video, he said.

Alumni Section News

Cincinnati-Dayton Section

On December 4, 1982 the Cincinnati-Dayton and surrounds Section met at Kings Island Inn, Ohio for cocktails and dinner. The meeting was arranged by Laura and Russ Kamper and had an added attraction—a strolling musician—during the cocktail party before the dinner. Russ handled the master of ceremonies duties and Frank Mackaman introduced the Chancellor, Joe Marchello, who brought the word

from the campus. The meeting seemed to have a special spark and all hands had a good time. Charles and Delores Hillery won the "long distance" prize, as they drove over from Indianapolis. Robert and Mary Hoffmann, Harold Moe and John and Marge Parks won the door prizes. In attendance were: Robert and Mary Hoffmann, ('81), Cincinnati, Ohio; Fred and Ruth Haushalter ('62), Kenton, Ohio; Russ and Laura Kamper

('62), Dayton, Ohio; Ray and Carol Mattingly ('59), Loveland, Ohio; Hilbert and Edna Michel ('36), Cincinnati, Ohio; Dick and Julie Okenfuss ('58), Cincinnati, Ohio; Bob and Bev Shields ('51), Cincinnati, Ohio; C.J. and Sue Vetter ('57), Fairfield, Ohio; Charles and Delores Hillery ('42), Indianapolis, Ind.; John and Marge Parks ('50), Cincinnati, Ohio; Bill and Margaret Kruckemeyer ('70), Xenia, Ohio; Landon C. Viles

('49), Enon, Ohio; Elwyn D. Comer ('49), Vandalia, Ohio; Harold Moe ('48), Reynoldsburg, Ohio; Alvin and Sheila Wansing ('69), Springfield, Ohio; Jim and Laurie McDonald ('76), Jeffersonville, Ind.; Jim and Betty Fox ('66), Monroe, Ohio; Jackie Hendreckson, Gahanna, Ohio; Joe Marchello, Rolla and Nancy and Frank Mackaman, Rolla.





Northwest Mining Association Meeting

On December 11, 1982 the following attended a breakfast in the Davenport Hotel in Spokane, Washington. The event was held during the Northwest Mining Association meeting. Dale

Hirschfeld, '51, is responsible for gathering the information on the early risers, which was forwarded to us by Rosey Hoffmann. Present were: Dale E. Hirschfeld ('51), Spokane, Wash.; Erden

Yuksel ('70), Spokane, Wash.; John Mulligan ('49), Juneau, Alaska; John Baz-Dresch ('73), Post Falls, Idaho; T. W. (Ted) Holland ('69), Boise, Idaho; Kor Uyetake ('45 & '47), Salt Lake City,

Utah; Glenn H. Fritz ('47), Spokane, Wash.; Don Kennedy ('57), Ennis, Mont.; Gordon & Loretta Johnson ('59), Rockford, Ill.; Glenn McClucas ('68), Olympia, Wash.; and Eugene H. Lindsey ('51), Englewood, Colo.

Houston Section

November Meeting

A total of 76 Alums signed up for the Houston, Texas Section's meeting and buffet held November 19. They had to brave flooding streets to get there, but Miners always being Miners, most of them made it through the rains to the meeting.

Paula Bradley Hudson, '73, reports that the meeting went well with two

sweatshirts, one from UMR, one from the St. Pat's Board, providing a great deal of excitement among the attendees. Both were given as door prizes at the meeting.

Other Alums attending were: Nancy Arnold, '79, Dan and Susan Beckerle, '79, Carl G. Block, '56, Edward L. Creamer, '53, Chris and Hossein Dashti,

both '81, Jerry W. Davis, '66, Kenton L. Eiffert, '80, Adil Godiwalla, '67, Frank Gollhofer, '55, John Hudelson, '64, Curt Killinger, '73, Hugh Logue, '60, Darrell A. Mank, '69, Jim Moore, '71, Carolyn Niess, '79, George and Marie Nolde, '35, Stacy and David Obermann, '78, Larry Padfield, '78, Terry and Phyllis Panhorst, '77, and '79, Mark Phillips,

'81, Jeff and Pat Sheets, both '80, Harold T. Staves, '56, Brian Tepper, '80, Dan Vaughn, '81, Greg and Kathie Wayne, '79, Chuck and Patty Williams, '81, Jim Wray, '79, Richard P. Younghaus, '49, and Wanda Yorston, '53.

January Meeting

If the spirit displayed by the 15 alums who attended the Houston, Texas Section's Jan. 22, organizational meeting is any indication, then the section should be in for greater participation in its future events.

The organizational meeting was called by Greg Wayne, '79, to recruit members for standing committees. Instead, the 15 members present decided

to organize into one committee-charging itself with calling Miners known by the members and promoting upcoming events. The idea is that alums attend meetings and parties to visit with old friends. And, if enough old friends recruit others over the telephone, then section events should flourish.

The new approach will be tried in the near future—it is hoped for a St. Pat's

Party now being organized for the March 12 timeframe.

Larry Allen, assistant director for alumni activities, attended the meeting and explained to the members present how other sections operated. Allen assured the section that the Rolla staff was behind them 100 percent and would be glad to assist with whatever support was needed.

Members attending the meeting were: Greg Wayne, '79, Sharon ('81) and Randy ('79) Bissey, Gary Loud, '73, Jim Wray, '79, Robert Garnett, '82, W. A. Schaeffer, '48, Dan Lynch, '71, E. W. Edwards, '69, Tom Miesner, '75, Duke Schiene, '52, Gil Carafiol, '47, Carl Block, '56, Frank Jost, '79, and Paula Hudson, '73.

MINER SPORTS **Gene Green, Editor**

Young Miners Playing Exciting Basketball



Billy Key Wins Career 500th

UMR's come-from-behind 76-73 victory over UMSL Jan. 19 was satisfying enough, but Miner head coach Billy Key had an added reason to smile.

The victory was the 500th of his coaching career.

Key, who has won 332 collegiate games in 24 years of coaching, won 168 prep contests early in his career at Wellsville and Monroe City high schools. Prior to his UMRolla position, he coached at Harris Teacher's College and Nicholls State.

"It is quite a thrill and a milestone—something I've had in the back of my mind for a while," Key said. "But I have enjoyed good health, been around the sport for a number of years and had some great players behind me."

Key was honored prior to the Jan. 29 home game with Washington University, presented with awards from the university, the conference and his players.

"It was a nice way to win it," Key said of the home win over UMSL. "That made it extra special."

With some exciting wins and near-upsets under their belts, the young University of Missouri-Rolla men's basketball team is making a mark on the 1982-83 MIAA race.

UMRolla started off the conference slate with a 92-71 road victory over Northeast Missouri State, defeated Missouri-St. Louis 79-76 at home and lost a heart-breaking 77-75 contest to ninth-ranked Southeast Missouri State in the Bullman Building Feb. 26.

The tally is 10-7 overall and 2-3 in the MIAA near the end of January. The Miners' other losses in league have been a 79-70 defeat at Lincoln University and a 71-58 loss at Northwest Missouri.

Leading the way for the Miners has been sophomore forward Curtis Gibson, who is quickly turning heads around the league and becoming one of the best all-around players in the MIAA. After 17 games, the Kansas City native is leading the team in scoring (19.8), rebounding (7.2) and steals (30). He has already garnered one "Player-of-the-Week" award in the MIAA and has jumped to second in the league in scoring average.

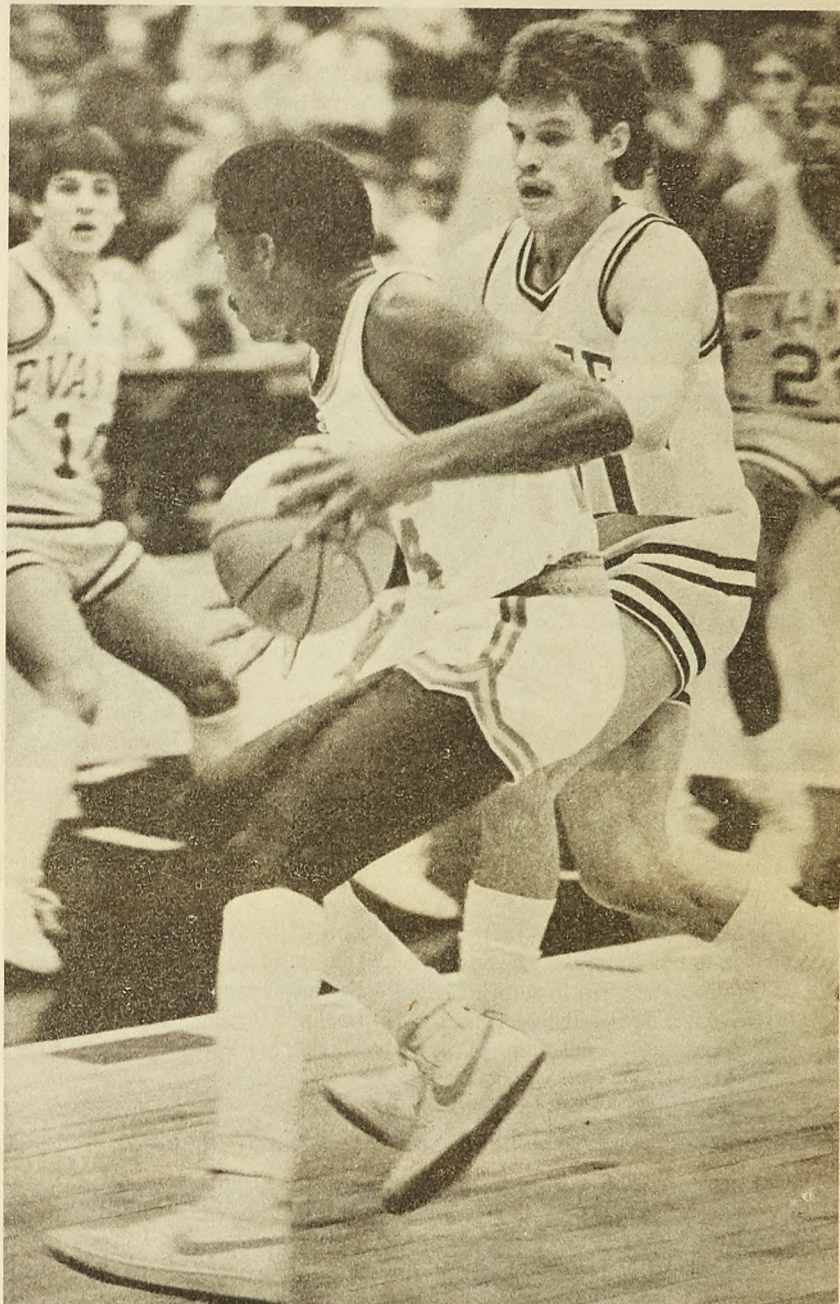
"Curtis is doing a tremendous job for us, on both ends of the court," said UMR head coach Billy Key. "He works so hard it rubs off on all the players around him. He is a real leader."

Also lending a hand in the scoring charts is all-conference guard Rickie Cannon, who has lifted his average to 14.6 per game. He also has won a "Player-of-the-Week" award this year.

"Rickie started out slowly for us, but has really brought his game around," Key said. "He has been giving us tremendous play in the backcourt and provides the element of senior leadership that is so important to a young team like ours."

Waynesville native Todd Wentz is nearing the double figure mark for the first time in his UMR career, currently averaging 9.3 per game. Fellow guard Stan Shuemaker paces the team in assists (55), despite coming off the bench.

"With youngsters like Kris Stange, Dave Moellenhoff and Mark Zarr on



Three Evangel players surround Miner all-conference guard Rickie Cannon. He made the basket and the Miners pounded the visiting Crusaders 89-68.

our team (they are all freshmen), we knew that this season would serve as somewhat of a learning situation," Key said. "But I have been pleasantly surprised with the maturity of these young men, and the entire team in general."

After the near-upset of Southeast

Missouri, Key was drained, but pleased.

"It would have been a great one to win, but I have to hand it to our kids for the way they played," he said. "They never give up—they'll win a lot more games before their career's here are finished."

Miner Matmen Making Points

Miner wrestling coach Joe Keeton has had squads over the years that featured one or two quality matmen, who were head and shoulders above the rest. "This season we have more good kids on one team than ever before," he said.

Greg Schoenberg and Jim Siekmann

paced the team with 14 wins each at the mid-way point of the season, with Schoenberg also leading in team points (57½) and match points (183). The Miners were 4-6-1 overall, with an impressive third place finish in the Central Missouri Tournament, a fifth place showing at McMurray and a 13th place

outing at Southwest Missouri State.

Siekmann hit a streak at one point of the season, turning in six consecutive wins. Heavyweight Jeff Zieger registered the fastest fall of the campaign with a 41 second victory.

"We tied Central Missouri this year, and we have never been close to them

before," Keeton said. "This is the toughest bunch of kids I've ever had the chance to work with."

"This is a young team that wants to succeed," Keeton said. "With their attitude, they should continue to progress on the mats as the season wears on."

Lady Miners Facing Tough MIAA Slate

Before the season began, Lady Miner basketball coach Cathie Schulte knew her team's first season in the MIAA would be a trying one.

Halfway through the season, the Miners are finding fellow conference foes the toughest competition on the 1982-83 schedule.

"We have been plagued by inconsistency," Schulte said. "We need someone to take charge and assume more of a leadership role on the floor. Hopefully this will materialize soon."

By the end of January, the Lady Miners held a respectable 7-7 overall record, but were 0-5 in league action.

UMR's closest effort in league play was an 85-76 loss at Lincoln, although the Lady Miners played extremely well against former Division I opponent Northwest Missouri State. In the 77-58 loss to the Bearcats, UMR trailed only 53-52 with ten minutes left to play.

"We played 30 minutes of great basketball," Schulte recalled. "In the final ten minutes, however, we went

cold from the floor and just couldn't keep track."

Pacing the Miner attack this season has been freshman forward Terry Bond, who leads the team at 10.8 points per game. Sophomore center Stacey Stover is next in line with 10.4 points and 8.7 rebounds per contest. Although her scoring has slacked off from early season performances, freshman forward Barb Howard has also been a bright spot for UMR, along with freshman guard Kelly Stewart.

Rounding out the Miner attack have been returnees Laurie and Leslie Behm, Cecilia Gutierrez, Kim Murphy, Linda Hill, Gail Halsey and newcomer Susie Oberdick.

"We have a young team, and some of the mistakes made are common for freshmen players," Schulte said. "Now we need to correct the flaws, battle back hard and win some conference games along the way."

"Our season is by no means over with."

Swimmers Show Depth in Trek to Nationals

National competition is always the ultimate goal for Bob Pease's UMR swimmers and divers. This year's group is quickly getting on the road to the March 16-19 event in Long Beach, Calif.

"We have more depth and are faster than any previous Miner squad," Pease said. "This group is farther advanced in every aspect."

These swimmers have made the following progress regarding national cuts:

Jon Staley--has made cuts in both 1

and 3-meter diving.

Chris Aria--has qualified in the 100 backstroke and is less than one second off cuts in the 200 backstroke.

Ed Krygier--should soon make cuts in both the 100 and 200 backstrokes.

Don Havey--has qualified in the 100 and 200 backstrokes and should make cuts in the IM.

Derek Coon--has qualified in the 200 breaststroke, breaking Havey's old varsity record.

Craig Erzen--close to national cuts in the 200 breaststroke.

David Wisdom--made national cuts in the 100 butterfly, setting a new varsity record.

Scott Carney--made national cuts in the 200 IM.

Mike Shive--should make cuts in the 100 and 200 freestyles and all three relay.

Arthur Hovater--has broken Shive's varsity record in the 50 freestyle and should make cuts in the sprints and free relays.

Mark Wuttig--has national potential in the 200 and 500 freestyles and should

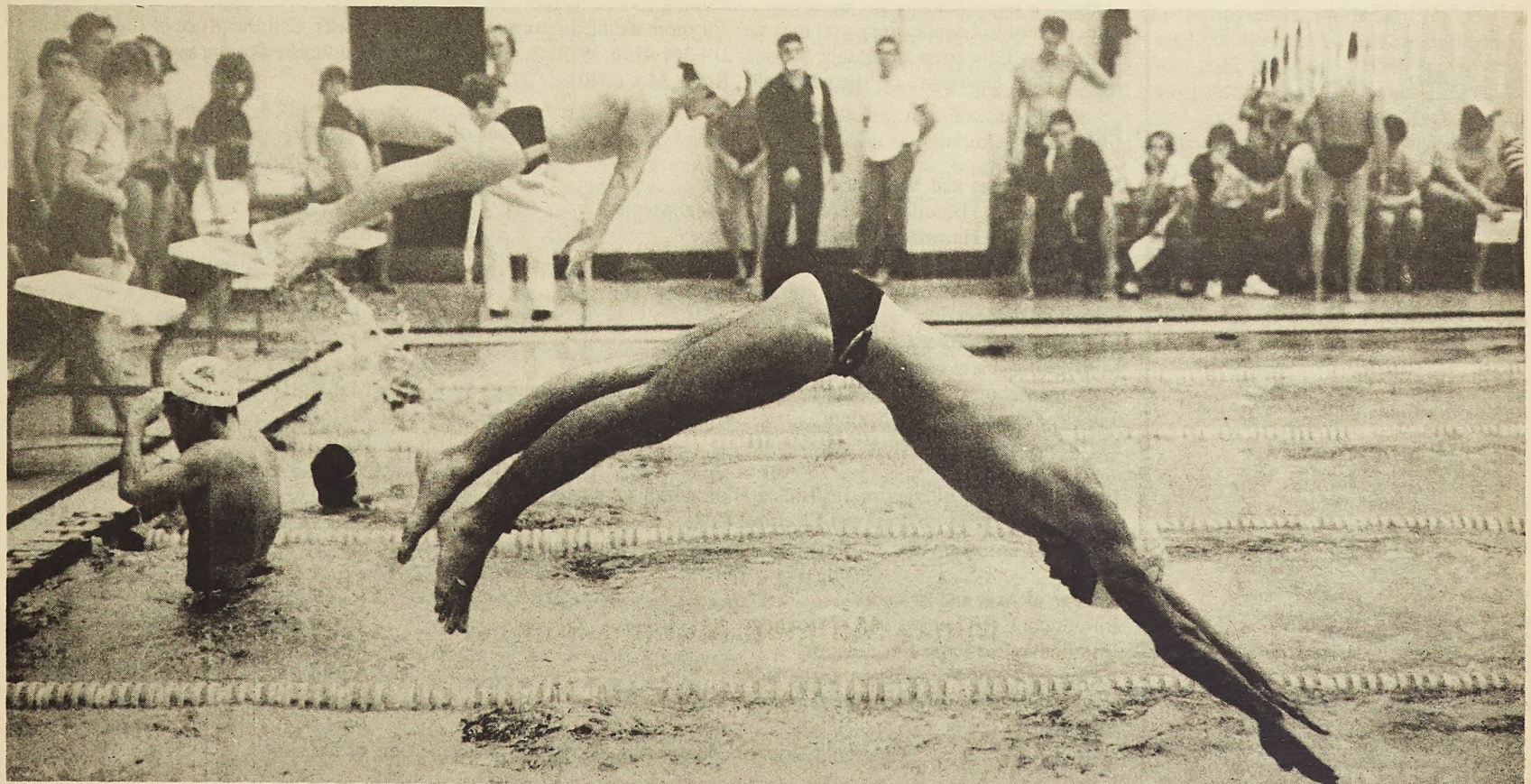
qualify in the 800 free relay.

Woodson Smith--excellent chance to make cuts in the 100 and 200 freestyles and free relays.

Mike Walsh--should qualify in the 400 IM.

Ken Petry and Matt McDonald--have the best dual meet times in UMR history in the 1000 distance events and should both score in the 1650 freestyle.

"This is an excellent group, and should be represented well in the nationals this spring," Pease said of post-season competition. "They are exciting to watch."



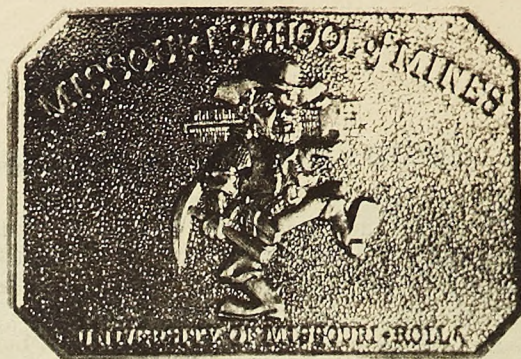
Miner swimmer Scott Carney gets a quick lead in the 200 IM event.

Necrology

These individuals who have been carried on the alumni roll were reported as deceased between January 1, 1982 and December 31, 1982.

Harold F. Allison, '20
 Jack Robert Babbitt, '50
 Marion Smith Badollet, '21
 Walter Egbert Bailly, '49
 Lawrence Wayne Bell, '80
 Samuel A. Bermi, '34
 Paul McClelland Berry, '28
 Frank Anthony Beyer, '48
 Everett Johnson Birch, '42
 Philip Leroy Blake, '24
 Emery Louis Boeller, '48
 Matthew Patrick Brazill, Jr., '20
 Paul Herbert Breazeale, '52
 William James Campbell, '35
 Raphael L. Carrico, '76
 Walker Earnest Case, '22
 Arthur Leo Cook, Jr., '49
 Cletus Daniel Cordry, '28
 Robert Lynn Crosby, '53
 Charles Kurt Daetz, '50
 Austin Eugene Daily, '44
 Lawrence Alfred Decker, '69
 Stuart Dods, '39
 William Henry Elbelt, '12
 Samuel Philip Enns, '77
 Irving Frank Fausek, '72
 Raymond R. Finch, '43
 Fred George Fleschner, '43
 David James Flesh, '23
 Theodore Francis Friedlein, '57
 Erwin Gammeter, '26
 Hugh Brookes Gardner, '63
 Joseph Conrad Gay, '61
 Charles W. Gehrke, Jr., '73
 Herbert Arends Gensman, '50
 Doddridge Graham Gibson, '23
 M. Gerson Ginzberg, '47
 Thomas Junior Griffith, '40
 Alexander Grosberg, '12
 Edwin M. Gross, Jr., '71
 Henry Emmett Gross, '28
 Ronald Lloyd Gundy, '65
 Henry Rickel Herron, '31
 Phillip Eugene Jeffers, '51
 George Calvin Johnson, '28
 Karl William Kaveler, '30
 William Miller Keeling, '23
 Claude Lester Kemper, '24
 Charles Berry Kentnor, Jr., '24
 Henry John Kohler, '35
 Jerrold Kerwin Kratz, '43
 Cornelius Wolfram Kruse, '34
 John William Laytham, '28
 Carl Winfield Lintner, '39
 Luther S. Lyon, Jr., '37
 William Bennett Machin, '28
 Floyd Stanley Macklin, '32
 Cyrus West Magalis, '25
 Ronald Alan Mannbeck, '79
 William George Maloney, '37
 Fred Palmore Matlack, '25
 Ralph Andrew Mathews, '46
 Richard Lee McCreight, '32
 Collins H. McDonald, '35
 Franklin LaVerne Moore, '52
 Howard Blakely Moreland, '28
 Joseph Novak, Jr., '20
 Clifford Franklin Page, '31
 Robert Louis Prange, '36
 Royal Vincent Prevaillet, '32
 Earl Randolph, '75
 Lloyd Smith Rolufs, '34
 Carl Levi Salley, '29
 John Andrew Schwaig, '42
 Carl Frederick Schwab, Jr., '42
 Bryan Gregory See, '50
 Paul Frederick Shatto, '48
 Joe Lee Simkins, '56
 Burl Young Slates, '28
 Alfred Thomas Smith, '27
 Edward Albert Smith, '24
 George M. Smith, Jr., '55

Robert Alvin Smith, '42
 Joseph Edward Spafford, '40
 John Russell Stubbins, '20
 Shio Chuan Sun, '38
 Gwynn Arvin Teague, '65
 Anthony Cornelius Tennissen, '63
 Charles Allen Thomas, '65
 Ralph Parker Thomas, '31
 John Fred Vahle, Jr., '37
 Claude Nathan Valerius, '25
 LeRoy Fenimore Van Sciver, '29
 Charles Albert Vogel, '42
 Tseng-Chiang Wang, '81
 Douglas Anthony Warden, '74
 Paul Delassus Wilkinson, '19
 Anvil Clark Williams, '21
 Miller Edward Willmott, '12
 Anthony Augustine Wilson, '76
 Joseph Martland Wilson, '21
 Leon Dale Winn, '57
 Lloyd Nelson Wood, '47
 Bing Quai Yee, '47



SME "Joe Miner" Belt Buckle

The UMR Student Chapter of the Society of Mining Engineers is offering for sale to alumni our belt buckle.

Proceeds from the buckle sales will enable SME to participate in a variety of activities including field trips, honor banquets, special projects & our bi-annual outing.

We want to thank all of our patrons for their generosity.

Orders and checks for six dollars made payable to the Society of Mining Engineers should be mailed to Pat Witt, 101 Mining Bldg.-UMR, Rolla, MO 65401.

Please ship _____ buckles at \$6.00 each. Enclosed find a check for \$_____.

Name _____

Address _____

Extension News

Here's a list of some of the extension continuing education short courses and conferences scheduled by UMR. Where titles are not self-explanatory you may call for more detailed information including costs. Call the office of the Dean of Continuing Education and Public Service, 314-341-4156. Written requests should be addressed to the same office, 205B Parker Hall, University of Missouri-Rolla, Rolla, Mo. 65401.

PROGRAM	DATES	LOCATION
School of Mines and Metallurgy		
Symposium on Hazardous & Special Waste Management	Mar. 16-18	Rolla
Procedures for Hazardous Waste Cleanup	Mar. 22-25	Rolla
Second U.S. Water Jet Conference	May 24-26	Rolla
School of Engineering		
EIT--Spring Refresher Course	Mar. 3--Apr. 12	St. Louis
Missouri Concrete Conference	Mar. 7	Rolla
Instrumentation of Soil and Rocks for Monitoring Field Performance	Mar. 14-18	St. Louis
Satellite Communication System	Mar. 21-25	St. Louis
Earth Sheltered Housing (Teleconference)	Mar. 26	St. Louis
Fundamentals of Interfacing Instrumentation with Computers	Apr. 6-8	Rolla
Calculations Based on National Electrical Code	Apr. 26-28	St. Louis
Heating, Ventilating and Air Conditioning Systems: Sizing and Design	May 9-10	St. Louis
College of Arts and Sciences		
Introduction to Composition of Coatings	March 14-18	Rolla
Introduction to Paint Formulation	April 4-8	Rolla
Advanced Paint Formulation Trade Sales	April 11-15	Rolla
Basic Microcomputer Programming for Coatings	May 23-26	Rolla
Elderhostel	June 5-11	Rolla

Times and dates of courses may change nearer to the time of the course.

Faculty Activities

Bertnolli Named CIPAS Director

Dr. Edward C. Bertnolli, director of the UMR Graduate Engineering Center in St. Louis and professor of electrical engineering, has been appointed acting director (half-time) of UMRolla's Center for International Programs and Studies (CIPAS).

He will continue as director of the Graduate Engineering Center.

Dr. Bobby G. Wixson, who has been director of CIPAS, is now serving as acting provost at UMR.

Bertnolli has been involved in international programs at UMR since 1975. From December 1975 to August 1979, he was one of a group of educators participating in a program to aid Algeria in establishing the Algerian National Institute for Electricity and Electronics. This included the designing of the five-year engineering curriculum and faculty recruiting and training programs. In 1976 he spent four months in Algeria in charge of the engineering program for the initial semester. Since that time, he has served the project in several other capacities. He also has been involved in

other CIPAS programs in Saudi Arabia and Egypt.

Bertnolli joined the UMR faculty in 1965 and was appointed to the St. Louis center position in 1979. He holds bachelor's, master's and Ph.D. degrees in electrical engineering from Kansas State University. He is a member and past UMR chapter adviser of Eta Kappa Nu, electrical engineering honor society; past chapter president of Sigma Xi honor fraternity at UMR; and is a member of Pi Mu Epsilon and Phi Kappa Phi honor societies.

Bertnolli was recently elected editor of the Association of International Education Administrators (AIEA) journal, Occasional Papers Series in International Education. The editor also serves as a member of the executive committee.

AIEA is a new organization formed at a recent meeting in St. Louis.

Eunice P. French, assistant director of the UMR Center for International Programs and Studies, will serve as co-editor.

Tsoufanidis Publishes New Book

"Measurement and Detection of Radiation" is the title of a new textbook written by Dr. Nicholas Tsoufanidis, program head and professor of nuclear engineering at UMR.

The book was published by Hemisphere Publishing Corp., McGraw-Hill Book Co. The 571-page volume is being used as a textbook on the UMRolla campus and at the University of Illinois, and is being considered for use by the University of Arkansas and Texas A&M University, according to Tsoufanidis.

It is also suitable as a reference book to be used by professionals working in nuclear power plants, and in nuclear medical, accelerator, radio chemical, and X-ray laboratories, he said.

The book includes information on the performance of all radiation detectors; discusses appropriate health-physical procedures; offers analysis of counting experiment results such as error calculation, and fitting results with functions; and shows how one selects the proper detection apparatus once the energy, the type of radiation and the purpose of the measurement have been established.

Patrick Elected To Folklore Post

Dr. Michael Patrick, associate professor of English at UMRolla, has been chosen 1983-84 president-elect of the Missouri Folklore Society.

The election was held at the recent annual meeting of the group in Warrensburg. At the same meeting, Dr. Patrick presented a paper, "Fil Hancock: Rolla Legend."

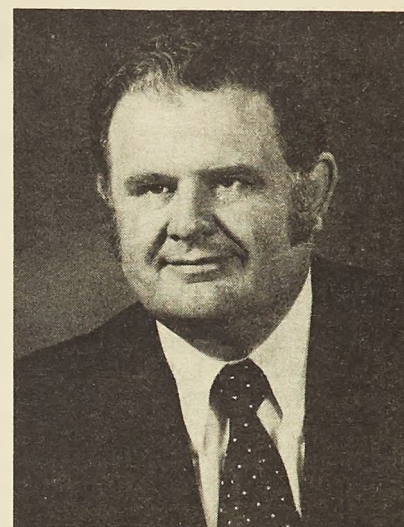
The 1983 annual meeting of the society will be held at Meramac Community College in St. Louis, and the 1984 meeting will be held at UMRolla.

Anyone wanting further information about the Missouri Folklore Society should contact Dr. Patrick or Dr. Douglas Wixson at the UMR humanities department.

Hatheway Re-elected

Dr. Allen W. Hatheway, professor of geological engineering at UMRolla, has been re-elected to a second one-year term as treasurer of the Association of Engineering Geologists (AEG).

AEG is a professional society for engineering geologists and geological engineers engaged in civil construction activities. The association has 3500 members worldwide.



Betten President of Eta Kappa Nu

Dr. J. Robert Betten, director of the Electronics Research Center at UMRolla, has been elected president of the electrical engineering honor society, Eta Kappa Nu.

Founded in 1904 at the University of Illinois, Eta Kappa Nu has a membership of about 145,000 outstanding electrical engineers with 156 student chapters in the United States, four alumni chapters, and seven foreign branches.

Betten received the B.S., M.S. and Ph.D. degrees in electrical engineering from Iowa State University.

In the fall of 1962, he joined the electrical engineering department at UMR as an associate professor. In 1964 he was promoted to the rank of professor, and from 1967 to 1978 he served as the elec-

trical engineering department chairman. In September 1978 he was appointed director of the Electronics Research Center in the School of Engineering.

Betten has been involved in public service work in several technical societies at the national level. He is a member of Tau Beta Pi, Sigma Xi, Phi Epsilon Sigma, the Institute for Electrical and Electronics Engineers, and the National Engineering Consortium (NEC).

He has served as president and on the board of directors of NEC, and as director on the Eta Kappa Nu board. He also has held key posts in the electrical division of the American Society for Engineering Education, including the division chairmanship.

Meeting Data

Event/Site	Date
SME-AIME Meeting, Atlanta, Ga.	Mar. 8
Alumni Party	
Houston Section St. Pat's party	Mar. 12
Cleveland area St. Pat's dinner/party	Mar. 12
Bay Area St. Pat's party, San Francisco	Mar. 19
Pacific Northwest Section, Kent, Wash.	Mar. 19
Vic and Rosy Hoffmann's	
San Diego Section Alumni Party	Mar. 19
Kona Kai Club	
MSM-UMR Alumni Association, Rolla	Apr. 16
Spring Board Meeting	
AAPG Annual Convention, Dallas, Texas	Apr. 18
All Alumni Party	
Class of 1933 50th Year Reunion	May 13-14
Rolla	
110th Annual Commencement	May 14
Rolla	
St. Louis Section golf outing	June 18
Paradise Valley Golf Course	

Alumni Personals

1912

Alexander Grosberg died Dec. 23, 1982, in St. Louis. From 1915 to 1922 he worked as a metallurgical engineer in a tin mine in Bolivia. He then spent 14 years as a consultant for Stifel-Nicolaus Investment Co. in St. Louis, resigning in 1936 to help operate a small chain of ice cream stores in St. Louis which later became Velvet Freeze. He retired as president of Velvet Freeze in 1961. He is survived by a son, two daughters, seven grandchildren and two great grandchildren.

1922

Irwin W. Alcorn receives mail c/o Clairmont Royale, 5219 Clairmont Mesa Blvd., San Diego, CA 92117

Glen and Eunice Christner are retired and live at 555 Esplanade, Apt. 203, Venice, FL 33595. They write: "We just returned from a three week trip to Greece, Egypt, Israel, Turkey, and the islands; USA is still the best of all."

1923

Bid Pence (Mrs. Harry, '23) sends us notice of the death of **Doddridge Graham Gibson** on Nov. 18, 1982. He is survived by two daughters and three grandchildren.

1924

Notice has been received of the death, on Dec. 25, 1982, of **Claude L. Kemper**. During his career he was connected, for many years, with mines in Bolivia.

1928

Cletus Daniel Cordry died Nov. 15, 1982. After receiving his M.S. degree from MSM he served as an MSM instructor in geology for a year before joining Gulf Oil Co. in 1929. He retired from the company in 1960. He is survived by his mother, Ella Cordry, of Boonville, Mo., a daughter, eight grandchildren and four great-grandchildren.

Jule H. Walker is self-employed as a geologist in Corpus Christi, Texas. He and wife Helen make their home at 3330 Casa Blanca, Corpus Christi, TX 78411. Jule writes of UMR, "It's a great school -- past & present!"

1929

Notice has been received of the death, on Jan. 21, 1981, of **Richard Dwight Duff**.

1930

Ren Beatty and wife Anna Lucille are retired, living at 7106 Roland, St. Louis, MO 63121. Ren comments that he is "still alive!"

Allen R. Maune is retired. He and Dorothy make their home at 6 Ivy Lane, Fulton, MO 65251. Al writes: "Best wishes for all you folks for '83. Hope to see you then."

1931

Vernon and Mildred Gevecker celebrated their Golden Wedding Anniversary on Nov. 27, 1982, with a gala reception at the University Center on campus. They tell us, "The day was a very happy one for us. In spite of the very rainy condition, more than 200 of our friends and out-of-town relatives--to the third generation--came, giving us their best wishes." Vernon is professor emeritus of civil engineering and served on the UMR faculty some 36 years before his retirement in 1974. The Gevecker's address is Route 2, Box 39, Rolla, MO 65401.

"The Millionaire Referee"

by Harry Kessler as told to Alma Kessler and Robert A. Suhosky

Harry Kessler knows the sport of boxing because he has boxed. In his half century of being the third man in the ring he knew how to spotlight the other two (the boxers) and get the best from them.

Harry Kessler knows the profession of metallurgy because he has alloyed metals, inoculated and poured iron and inspected microstructures of castings. In his almost sixty years as a metallurgist and industrialist he has known how to get the best out of his people and companies.

To anyone who knows Harry Kessler and has heard him tell a story from the past, Harry's autobiography will be a real joy because here is a collection of interwoven stories skillfully arranged in an intriguing format. Those who know him well will learn new things about Harry Kessler and the way he thinks and acts.

To the reader who has never met Harry, the book will be an interesting and sometimes humorous story of the several "lives" of an interesting man. To the young reader the book may supply inspiration in its Horatio Alger story line that carried the Jewish kid from the old Kerry Patch area of St. Louis through his dual career as a boxing referee and as a technological and business leader in the metal casting industry--armed primarily with a keen mind, a shrewd business sense and an ambition to drive that seems unbelievable to those who don't possess it.

Harry was originally inspired to attend Missouri School of Mines to study min-

ing by the adventure stories about mining engineers that he heard from an MSM student. He changed his mind, however, after reading the novel "The Cinder- buggie" and registered as a metallurgy student when he arrived in Rolla. Included in Harry's book are interesting anecdotes of his relationships with MSM faculty old-timers R. S. Dean, Spike Denny and "Boots" Clayton.

Alumni who attended school in the post WWII years probably spent a few Friday evenings sipping a brew and watching some of the televised matches Harry refereed. All alumni will enjoy Harry's recounting of his ring adventures with such boxing greats as Willie Pep, Joey Maxim, Archie Moore, Rocky Marciano, Gene Fullner, Ernie Terrell and Muhammed Ali. Many alumni will agree with Harry's interesting assessment of Howard Cosell!

As in all recollections there may be a few minor inaccuracies, but readers will find the book to be difficult to lay down, once started.

UMR (MSM) folks will be proud of Harry's description of his relationship with the campus: "Rolla and I were meant for each other. The Missouri School of Mines and Metallurgy was a hard school in the sense that it took its purpose very seriously, as did I." One gets the impression that UMR has nearly as dear a place in Harry's heart as his professions and his family which he dearly loves. Alma's many-faceted role in Harry's life is lovingly described and the reader of Harry's book will rate it an honor to get to know her so well.

(Reviewed by Robert Wolf, '51)

"The Millionaire Referee" is published by Harkess Publishing, 9909 Clayton Road, St. Louis, MO 63124. Cost is \$15.00

Alumni Personals



1982 Rollamo

1931

Notice has been received of the death of **Clifford Franklin Page** in November, 1982. He had been with Denver Equipment Co. from 1941 until he retired. He is survived by his wife, Cecille (Mason) Page, and one daughter.

The alumni office has received a report of the death of **Ralph Parker Thomas** on May 29, 1982.

1934

John B. Czyzewski changed his name to **John Benard** in 1937. He tells us he "retired from American Cyanamid Co. in 1976 and spent the next two years selling computers. Presently spend my time writing letters to politicians, try to keep up with computer technology and fill in with fishing and some golf." John lives at D30 Abington Drive, Hightstown, NJ 08520.

1938

Roy C. Cornett and wife **Mary** are retired now, living at 6109 Everglades Drive, Alexandria, VA 22312. Roy writes: "50th (and first) reunion of my high school class in Webb City, Mo., this fall conflicted with MSM Homecoming, but hope to make it to Rolla next fall for Homecoming '83."

Jesse and Myrene LeGrand are retired and live at 2845 Malibu Court, Titusville, FL 32780. They had as their guests over Thanksgiving **Bill & Martha Decker** and **Carl & Dorothy Moore**, also from the class of '38.

1939

Robert P. Dieffenbach is retired and is now a self-employed consultant. He and June live at 3953 Somerville Road, Sommerville, OH 45064.

Notice was received in December of the death of **Carl Windfield Lintner**.

1940

Thomas J. Griffith died Feb. 25, 1982. He had been associated with Universal Atlas Cement Division of the U.S. Steel Corp. for 31 years prior to his retirement in 1976. Tom had served as manager of the company's plants in Fairborn, Ohio, and Hannibal, Mo. before his appointment as general manager, operating west, at the division's headquarters in Pittsburgh, Pa. He was active in many community organizations and activities throughout his career. He is survived by his wife, Ellen, 3320 Westerly Lane, Sarasota, FL 33579, three daughters and a son, **Thomas J. Griffith Jr.**, '68. Mrs. Griffith says: "Tom loved MSM and our son graduated from there. Class of '68. Maybe one of our six grandsons will choose Rolla. The oldest is just 14 now, so it will be a few years."

Fraizer "Mac" Stewart and wife **Dorothy** make their home at 1414 N. Peninsula Ave., New Smyrna Beach, FL 32069. "Mac," who is president of Raymac Oil Corp., writes: "Raymac acquired Norfolk Petroleum by merger in December, 1982, and our new operating headquarters are in the Meadows Building, Dallas. I will be commuting between New Smyrna Beach and Dallas."

1941

Richard G. "Dusty" Rhodes and wife **Ellen** are living at 105 Teresa Court, Niceville, FL 32578. Dusty writes: "Life has been good to the Rhodes. It is always a pleasure to inform those who ask that I am a graduate of MSM-UMR."

Rolf W. Roley is self-employed as a consulting engineer. He and Jean live at 226 Eaglewood Court, Athens, GA 30606. He reports: "Still living, working, drinking and having fun!"

1942

Ed Rassinier, '42, '76, is an independent registered engineer; he and wife **Berniece** live at 3526 Dumbarton, Houston, TX 77025. Ed writes: "Sorry we missed the 40th reunion, but my contractor was using some snowbirds and illegal aliens on a remodeling project during our delayed hurricane season. Also regret that Missouri caught the tail-end of one of those gulf coast storms!"

Notice of the death of **John Andrew Schwaig**, on July 25, 1982, has been received by the Alumni Association.

1943

Herbert S. Kalish is vice president, technical and international division, Adamas Carbide Corp. in Kenilworth, N.J. He writes: "Made my third trip to India in December, 1982, on behalf of our licensee, Indicarb. Gave seven lectures and visited eight factories manufacturing tractors, cars, trucks, watches, aircraft, earth-moving machinery, etc." Herbert and Lili live at 65 Falmouth St., Short Hills, NJ 07078.

1944

Austin E. Daily, 3811 E. Devonshire, Phoenix, Ariz. died May 26, 1982.

1947

Samuel H. Lyle is now assistant director of the Fort Worth (Texas) Water Department. He and Mary Jane have moved to 4428 Buckeye, Fort Worth, TX 76137.

1948

Aurelius K. Allen is now with Olin Corp. at their facility in St. Marks, Fla., as a production engineering manager. He and Betty live at 1524 Willow Wick Drive, Tallahassee, FL 32312.

Richard C. Raining is newly employed by Beeler & Associates in Kansas City, Kan. He and Shirley have moved to 8831 W. 116th Terrace, Overland Park, KS 66210.

Frederick L. and Emily Schenck have retired and are now living at 14498 Carnegie Road, Magalia, CA 95954.

William V. Hartman, '48, '71, executive vice president of Peabody Coal Co. since 1979 and a 32-year company employee, is the president of the new subsidiary of Peabody Holding Co. (See Quenon, '79), Peabody Development Co. Peabody Development will service all existing Peabody Coal customers and will focus on broadening the marketing effort beyond traditional geographical areas, products and customers. It will also pursue new, diverse investment opportunities including major coal and land reserve acquisitions, brokerage coal sales, river and ocean terminal development and international operations. Bill's present home address is 4 Westfield Lane, St. Louis, MO 63131.

1949

Marion Daniel Boyer has retired; he and Judith live at 1209 Bourbon Ave., Louisville, KY 40213.

Roy I. Coplen is field liaison engineer with the Missouri Highway Department, Jefferson City, Mo. He and Margaret live at 1104 Vineyard, Jefferson City, MO 65101.

John E. (Jack) Hoopes died July 27, 1982, of a massive heart attack. He was 56. He had been with Kansas City Power and Light Co. since graduation. He is survived by his wife.

1950



WILLIAM B. HEISLER

William B. Heisler retired Sept. 1, after 29 years with Monsanto. He and wife **Melba** are living at 1432 Lemhurst Drive, Pensacola, FL 32507.

Alumni Personals

1950 Continued

Notice was received in December of the death of **Jack R. Babbitt** as a result of cancer. He is survived by his wife Mary, 6602 Sandstone, Houston, TX 77074, daughters, Mary Beth and Salli, and sons, Brett and Bill.

Paul A. Haas is a group leader at Oak Ridge National Lab in Oak Ridge, Tenn. He and Betty live at 8000 Bennington Drive, Knoxville, TN 37919. They tell us, "Son, Robert, has received scholarship awards as sophomore and junior student in chemical engineering at UMR." Robert is in the class of '83.

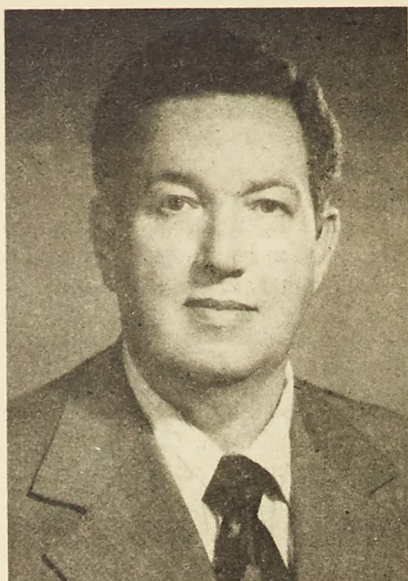
J. Kent Roberts, professor of civil engineering at UMR, and wife Winona have moved to 906 Murry Lane, Rolla, MO 65401

Eugene F. Stifel is employed by McDonnell Douglas Astronautics at their facility in Titusville, Fla. He and Revella have a new home at 57 Riverview Lane, Cocoa Beach, FL 32931.

Robert Strain is employed by Marathon Electric. He reports the company was recently reorganized and his new title is vice president & general manager, electrical products. His mailing address is 4706 N. 19th St., Wausau, WI 54401.

WILLIAM J. JENSEN

William J. Jensen, professor emeritus of physics, died Jan. 20, at Sunset Village of the Ozarks, Waynesville. He was 85. Professor Jensen retired in 1967 after 43 years on the UMRolla faculty. He came to the campus in 1924 as an instructor of physics. He was promoted to assistant professor in 1925, associate professor in 1930 and professor in 1965. He held an A.M. degree in physics from the University of Illinois and an A. B. degree cum laude from Carleton College, Northfield, Minn. He was a member of the American Association of Physics Teachers; the American Society for Engineering Education; Gamma Alpha; Sigma Xi; Sigma Pi Sigma, and Phi Kappa Phi. He had served as secretary-treasurer of the Rolla chapter of Phi Kappa Phi for 29 years prior to his retirement, and served the organization as a national officer for 13 years. He was named a "Distinguished Member" of Phi Kappa Phi. Professor Jensen is survived by his wife, Emma, a daughter and son-in-law.



FRANK W. RIES

Frank W. Ries has been promoted to president of Stone & Webster Engineering Corp., the largest subsidiary of Stone & Webster Inc., a Boston-based worldwide engineering and construction firm. He has been associated with Stone & Webster since 1951, and was first named a vice president in 1974. Prior to his latest promotion, he was executive vice president of the firm. He has supervised the construction of electric power and chemical process projects throughout the U.S., and is a former director of construction for the firm. In his new capacity, he continues to have direct responsibility for construction, project management, and related activities. Stone and Webster designs and builds industrial, oil and gas-processing, petrochemical, chemical, electric power and civil-works facilities. Frank is a registered professional engineer in the states of Texas and New Jersey. He and wife Janet make their home at 16 William J. Heights, Framingham, MA 01701.

1951

H.E. "Gene" Kennedy has moved to 911 East Charles St., Oelwein, IA 50662.

Elmer D. Packheiser has been elected president of the Annapolis, Md., Toastmaster's Club 2651 and at present he is serving as chairman of the design change board for the AW&C division of Westinghouse Electric Corp. in Baltimore, Md. He and Doris make their home at 307 S. Cherry Grove Ave., Annapolis, MD 21401.

Don Roloff writes he is now spending much of his time in Kentucky at the company he bought (the Industrial Supply House of Greenup Inc.), although he and Florence still maintain their home at 7669 Carswold Drive, Clayton, MO 63105.

Notice has been received of the death of **Phillip Eugene Jeffers** on Nov. 5, 1982.

William W. Tsai has recently accepted the position of area manager, Asia Pacific, EIMCO Process Equipment Co. of San Mateo, Calif. He writes: "Made several trips to China and negotiated equipment contracts for several coal mines. China is making ambitious program plans to expand its coal industry." He and Irene live at 14317 Miranda Way, Los Altos Hills, CA 94022.

1953

William R. Gregoire sends a new address: 7992 Locke Lane, No. 9, Houston, TX 77063.

James R. Stowe writes: "Retired from GTE-Sylvania Products Corp. Feb. 28, 1981; started to work with Philips ECG Inc. - N.A. Philips Corp. March 1, 1981, as engineer-in-charge, color (CRT) tube process section." Jim and Betty live at 904 E. 5th St., Ottawa, OH 45875.

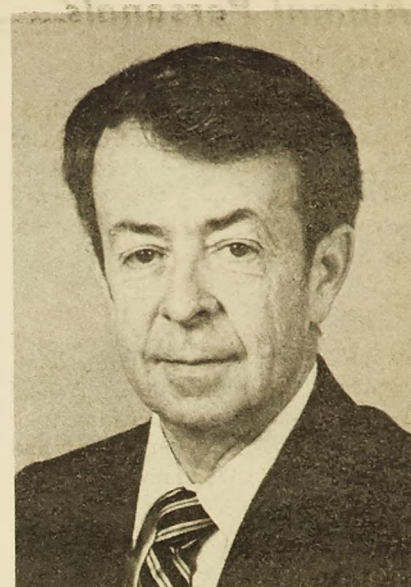
1954

Wayne M. Aceto writes: "Dec. 7, 1982, had a head-on crash, suffered a broken right heel and left hip, cuts, etc. -- but 'Old Miners' must be tough birds! Recovery to be approximately 3 months." The accident occurred the second day on his new job as national sales manager-alternators for Leroy Somer Inc., Arlington Heights, Ill. Wayne and Peggy live at 12404 North Gate Court, Roscoe, IL 61073.

Kenneth D. Cole is chief of supervision & inspection branch, U.S. Army Corps of Engineers in Baltimore, Md. He and Verna make their home at 9725 Owen Brown Road, Columbia, MD 21045. He writes: "My older son, Michael, will graduate from the University of Maryland this year; my daughter, Cynthia, plans to go abroad to England for a year's study. We are hosting a foreign exchange student from Australia, Miss Emma Huf."

1955

Charles Edward Gockel is an area staff engineer for the Continental Oil Co., Houston, Texas. He was recently sent by the firm to Abu Dhabi of the United Arab Emirates where Continental's interests are located in the Persian Gulf area, to give a series of lectures to company employees. After a three-week stay, he traveled to Singapore for a similar assignment before returning to the corporation's headquarters in Houston. His present address is 15511 Baldswell Drive, Tomball, TX 77375.



ALLAN D. HOLIDAY

Allan D. Holiday has been promoted to vice president, Research and Development, for Farmland Industries Inc., Kansas City, Mo. he will be responsible for the research and development activities which support Farmland's production facilities and product lines. These activities include research and development in animal nutrition, plant science, petroleum, fertilizer, chemicals and related engineering. The research and development center and supporting analytical laboratories are located in North Kansas City, Mo. An experimental test farm is operated in Wyandotte County west of Kansas City, Kan. Allan has been with Farmland since April '73, serving in several positions in Lawrence, Kan. and Kansas City, Mo. Prior to his employment by Farmland, he had gained considerable experience in the research area through his employment in the research and development division of two major oil companies. His address is 9316 Somerset, Overland Park, KS 66207.

1956

Robert L. Robbins is vice president of SPCM (Sverdrup's construction management company) and is presently working as project director on the Sverdrup Corp. construction project at Kings Bay, Ga. Sverdrup Corp. of St. Louis has won a seven-year, \$1.4 billion dollar contract with the Navy for engineering services at a strategic base for Trident submarines to be constructed at Kings Bay. The base is the Navy's largest peacetime construction effort. It will include waterfront industrial and weapons facilities, administration and training units and housing. The base is to occupy a 16,000-acre site. Bob will head a staff of about 60 engineers who will oversee work of more than 100 contractors. The Robbins family is residing at 4418 Oak Bay Drive, W., Jacksonville, FL 32211.

Alumni Personals

1956 Continued

John Max Brawley writes: "Sales manager for Bechtel for far east, based in London. Live at 6 Lock Mead, Maidenhead, Berkshire, U.K. Have two new sons -- Chris, age 2½, and John, age 6 months."

Joseph J. Yancik, '56, '60, is now director, coal export staff, International Trade Administration, Department of Commerce in Washington, D.C. He and Rosemary live at 1703 James Payne Circle, McLean, VA 22101.

1957

John R. Emery is employed as division manager of Halliburton Co., and writes to us from Argentina: "Best regards to 25 year grads. Wish I could have been there for Homecoming!" John and Sylvia send their address as: Maipu 1252, Cap. Fed., Buenos Aires, Argentina 1006.

Waymon L. Johnston is assistant department head in the Texas A&M University industrial engineering department, College Station, Texas. He and Donna live at 2429 Briargate, Bryan, TX 77801. Waymon writes: "I recently have been elected to the board of directors of the System Safety Society and am serving as program chairman of the 1983 International System Safety Conference."

Robert C. Lange is employed as manager of contracts with Penrod Drilling Co. of Dallas, Texas. His address is 708 Murl, Irving, TX 75062.

Clifford J. Rapp is working as project coordinator for Caribbean Construction Co. in the West Indies. He and Koola live in Apt. 1, Lower Hillaire St., Diego Martin, Trinidad, West Indies.

Gilbert F. Metz Jr. says "hello" to his classmates after 25 years! He reports that fate has kept him living with his retired mother, Sarah (86), in sunny Vero Beach, Fla., since 1975. He says "This area is noted for being where the Tropics begin, citrus groves thrive, Spanish treasure salvors dive, and the L.A. Dodgers train." Gil is a salesman for Taylor Amway Distributorship, and lives at 816 Cypress Road, Vero Beach, FL 32960.

Richard L. Pendleton, '57, '65, '72, is an associate professor of mechanical engineering at South Dakota School of Mines & Technology in Rapid City, S.D. He and Lavon live at 322 Quincy, Rapid City, SD 57701. Dick spent a sabbatical year in Rolla teaching in the UMR M.E. department during the 1981-82 academic year.

1958

Howard D. Correll has recently retired from the Federal Highway Administration after 28 years total Federal Government service. He has now been employed by Wilbur Smith Associates and is going to Faridpur, Bangladesh for a 32-month assignment to advise the government of Bangladesh on the maintenance of their local road system. Howard will be accompanied by his wife, Evelyn. Foreign duty is not entirely new to the Corrells as they have had previous assignments with the Federal Highway Administration/Bureau of Public Roads in Ethiopia and Kuwait. Howard and Evelyn have one daughter, Deborah Rhoads, who lives with her husband Michael in the Joppa, Md. area. Mail will be forwarded to them from 902 Joppa Farm Road, Joppa, MD 21085.

Paul O. Herrmann III is a senior engineering specialist with Emerson Electric Co. in St. Louis, Mo. He and Carole live at 2960 N. Waterford, Florissant, MO 63033. They write: "Oldest son Paul IV graduated from UMR in May '82, daughter is senior in M.E. and son Jim is sophomore in M.E. Only one more son to go to Rolla!"

Elmer F. Slates is a Navy technical representative in St. Charles, Mo. He writes: "After working 27 years in R & D at the Naval Weapons Center, I decided to leave the womb and take a tour at a major production facility. It's a real eye opener! The paper required far exceeds the hardware weight, and egos of both government and industry are tender to the touch. Weapons reliability and logistics support border on the unattainable and non-affordable. Everyone seems preoccupied with self instead of country. I'd say we are in deep trouble in defense of this country!" Elmer lives at No. 5 Lejer Lane, St. Peters, MO 63376.

1958

George D. Tomazi is senior project manager for Mallinckrodt Inc. in St. Louis. He and Lois live at 12723 Stoneridge Drive, Florissant, MO 63033. He writes: "Named to the 19th edition of 'Who's Who in the Midwest,' elected 3rd vice president of the Engineer's Club of St. Louis, and named to the 2nd edition of 'Personalities of America' for distinguished engineering achievement."

Richard K. Vitek is president of Fotodyne Inc. in New Berlin, Wis., manufacturer and marketer of products for medical and scientific research. Under his direction, the company has developed an expertise in UV lighting systems that has allowed it to enter the field of genetic engineering. It has developed sophisticated systems for DNA electrophoretic separations as well as for UV observation of DNA gels. New products, such as an HPRC chamber, are in the process of development. Richard and Marilyn's address is P.O. Box 27312, West Allis, WI 53227.

D. Warren Williams is now area sales manager for Dowell Division, Dow Chemical USA, with offices in Denver, Colo. He and Mary have moved their residence to 3079 East Geddes Place, Littleton, CO 80122.

1959

Ronald A. Kibler, '59, '71, has been promoted to managing principal-in-charge of Dames & Moore (engineering and environmental consultants) Cincinnati office. He previously served as a consultant and as the midwest coordinator of the firm's waste management-related project work. He joined the firm in 1979 after a more than 20-year career in technical management with the Ball Corporation. Roland and Judy live at 1202 Shakertown Court, Montgomery, OH 45242.

Carl D. Sutfin is employed by Union Electric. In August '82 he was promoted from superintendent of operations to assistant manager of the Meramec plant. His home address is 2812 Flamewood Drive, St. Louis, MO 63129.

FRANK H. CONRAD

Frank H. Conrad, professor emeritus of chemical engineering, died Jan. 5, at his home on the Current River in Shannon County. Dr. Conrad, who joined the UMRolla faculty in 1936 served the university for 33 years, retiring in 1969. He was the author of numerous publications and papers, and was a member of several professional organizations. He was also active in work with Ozark Council of the Boy Scouts of America. He is survived by a son **David A., '68**, a daughter, Mrs. Ruth M. Hess (**Robert M., '59**) and his wife, Mercedes, c/o Mrs. R.M. Hess, 4 Fox Meadows, St. Louis, MO 63127.

1960

George A. Chappell III, '60, '62, is newly employed by TRW Inc. at their facility in Cleveland, Ohio, as program manager. George and Sandra have moved to 411 Riverdale Drive, Eastlake, OH 44094.

Daniel D. Moit is an account executive, coil castings, with Sherwin-Williams Co. in Chicago. He and Pat live at 347 Maid Marian Drive S., Schererville, IN 46375. They write: "Our eldest son began engineering this fall at Purdue - Calumet Ext.; daughter (16) is a junior at Lake Central High School preparing for a career in nursing; and youngest son Mike (12) is doing great in school and excelling at electronic games (Atari, etc.)!"



1982 Rollamo

Alumni Personals



1982 Rollamo

1960 Continued

Jesse H. Collins II, '60, '65, '70, is an assistant professor at Kentucky State University in Frankfort, Ky. He has a new address, 303 Sequoyah Trail, No. 4, Frankfort, KY 40601.

1961

Allan D. Early is associate director, soap and paper technology division, Procter & Gamble Co. at their Ross, Ohio facility. Allan and Jane make their home at 556 Bessinger Drive, Cincinnati, OH 45240.

Larry A. Roberts is chief, aircraft dynamics branch, Wright-Patterson AFB, Ohio. He and Harriet make their home at 8745 Slagle Road, Centerville, OH 45459.

Ramesh C. Shah is now a casting engineer with Williams International in Walledlake, Mich. He and Kokila have moved to 21736 Cloverlane, Novi, MI 48050.

1962

Stanley W. Nowinski died of heart failure on Jan. 1, 1983, after a 28-month battle with heart disease. He had been under consideration for a heart transplant. He was 43. At the time of his death, Stan was vice president of contracting for Williams Crane & Rigging, Inc., Richmond, Va. He had previously been with Stone & Webster Engineering Corp., Boston; Aycock Inc., Camp Hill, Pa.; and Hoffman International Inc., Piscataway, N.J. He is survived by his wife, Elaine Nowinski, 603 Holly Grove Lane, Richmond, VA 23235, and two sons, Matthew and Vincent.

Donald R. Pogue has been appointed president of Environmental and Energy Systems Co. of Chesterfield, Mo., a subsidiary of Slater and Associates Inc., Stanley, Kan. both firms are manufacturers' sales representative organizations and distributors specializing in waste water treatment, water treatment, pumping and energy recovery equipment. He was a director of Qual-tech Systems Inc. of Maryland Heights, Mo. His home is at 693 Golfview Drive, Ballwin, MO 63011.

1963

Notice has been received of the death of **Hugh B. Gardner**, in November, 1982. He is survived by his mother, Mrs. Walter A. Werner (Ruth), 7000 Sanford Ave., St. Louis, MO 63130.

Harry B. Morgan writes: "Joined Huntington Rubber Company as product design engineer on Nov. 15, 1982. Still reside at 33 Siesta Drive, Hannibal, MO 63401, with wife Karen and sons Scott, 14, and Todd, 12.

1964

Robert J. Dacey, Col. (P), U.S. Army is presently stationed at Fort McPherson, Ga. He and Rosalyn live at 14 E. Wheeler Drive, Fort McPherson, GA 30330.

Paul R. Everhard is president of Everhard Automation Inc., Lexington, Ky. He and Linda have moved to 845 Lane Allen Road, Lexington, KY 40504. It is also the address for his new company.

Gary R. Holland was named president of Data Card Corporation on April 1, 1982, in Minneapolis, Minn. He and Gretchen live at 6312 Indian Hills Road, Edina, MN 55435.

John Hudelson is a senior electrical engineer at the Houston operations center of Stone & Webster Engineering Corp. John and Hanni live at 18106 Widcombe Drive, Houston, TX 77084.

Richard E. Roberts has been promoted to the position of engineering development manager for Didde Graphic Systems Corp., Emporia, Kan. He joined the company in 1976 as a design engineer and has also held the position of project engineer. He and wife Peggy have three children -- Angela, Andrea and Toby. They reside at 18 Locust Lane, Emporia, KS 66801.

James L. Spehr, '64, '69, is employed by McDonnell Douglas Corp. in Washington, D.C. He and Carol have moved to 402½ S. Royal, Alexandria, VA 22314.

Tommie C. Wilson, '64, '65, '70, and wife **Pat** have moved to 4712 Merritt Road, Sachse, TX 75098. He is vice president-engineering for Soltex Oil & Gas in Dallas. He writes: "Recently built a home on six acres on Willow Lake." Sachse is a suburb of Dallas.

Chang-Yu Wu has been named senior engineer at the electromagnetic compatibility laboratory at IBM, Poughkeepsie, N.Y. Dr. Wu joined IBM in Kingston in 1966 as a senior associate engineer, moved to Poughkeepsie in June, 1977, and was promoted to advisory engineer in December, 1977. He lives at 25 Pippin Lane, Wappingers Falls, NY 12590, with his mother, his wife Christine, and their two children.



1982 Rollamo

1965

Roland W. Fenner is district manager, administration and planning, for A.T.&T. in Piscataway, N.J. He and Phyllis have moved their residence to 439 Steeple Chase Lane, Bridgewater, NJ 08807.

Will Franklin writes: "I am presently president and partner of Rotating Process Machines Inc., an equipment sales agency in St. Louis. Diane is a school nurse in the Parkway School District. Wendy is now 11 and Todd is 8." The Franklin family lives at 733 Country Heights Court, Manchester, MO 63011.

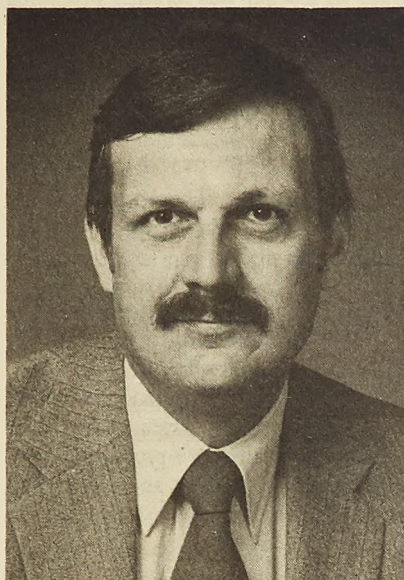
Thomas K. Gaylord had a banner year in '82. He was elected Fellow of the Optical Society of America and Fellow of the Institute of Electrical and Electronics Engineers. These two honors came as a result of his work involving electromagnetic diffraction by gratings and optical data processing at Georgia Tech, where he is a professor in electrical engineering. Tom is also faculty advisor for the electrical engineering student honor society. His wife, Jan, tutors high school math students and Tom says "maintains an efficient couponing and refunding system to reduce expenses." The Gaylords have one daughter, Grace, 4 years old, and live at 3180 Verdun Drive N.W., Atlanta, GA 30305.

Dale M. Kornfeld is a research chemist with NASA in Huntsville, Ala. He and Anita (Coggburn) are living at 8205 Louis Drive SE, Huntsville, AL 35802.

Alumni Personals

1965 Continued

Dale A. Meyer, '65, '71, has been appointed division vice president -chemicals in Crown Zellerbach's Specialty Packaging & Chemicals Group. He joined Crown Zellerbach in 1969 as an industrial engineer, progressed through several production management posts in flexible packaging and film plants, and was most recently promoted to general manager for non-woven fabrics in 1979. Crown Zellerbach is one of North America's largest forest products and paper companies, with 1981 sales of more than \$3 billion. It manufactures and distributes paper, corrugated containers, film and flexible packaging products, specialty chemicals, printing inks, non-woven fabrics, logs, lumber and plywood. It operates an extensive wholesale distribution system and derives revenue from oil and natural gas. The Meyer's home address is 15508 NE 28th Ave., Vancouver, WA 98665.



GARY M. TURNER

Gary M. Turner, '66, '72, is currently serving his third term as Mayor of the City of St. Peters, Mo., population 16,000. He was re-elected to his third term in April, 1982. The office of mayor is a part-time position in St. Peters. The city, located in St. Charles County, is one of the fastest growing cities in the state, growing from 500 in 1970 to 16,000 in 1980. Gary's regular employment is with the St. Louis District, US Army Corps of Engineers, as chief of the Inspection Branch, Construction Division. His responsibilities include oversight of construction and contract matters dealing with various projects, including the Lock and Dam No. 26 replacement project at Alton, Ill. Gary is also an active Army reserve officer, currently being considered for promotion to the rank of Major, and serves as a mobilization design officer with the Omaha District US Army Corps of Engineers. Gary, his wife Patricia, and their four children reside at 8 Carriage Way West, St. Peters, MO 63376.

1966

Dennis M. Fitzgerald is now vice president of flight operations with Air I, Inc., St. Louis, Mo. He lives at 914 Buena Vista Ave., St. Louis, MO 63105.

Harold H. Fukubayashi is engineering manager employed by Union Carbide Eastern LTD, Kitamoto-Shi, Saitami, Japan. He and Toshiko live at 508-43 Senba-Cho, Mito-Shi, Ibaraki 31000. Harold writes: "Had a pleasant lunch with **Dennis Parker ('69)** at Palace Hotel in Tokyo. He is now the president of Continental Oil Far East."

Edward D. Hayes is president of E.H. Engineering Ltd. in Lincoln, Neb. His home address is 3645 N. 52 St., Lincoln NE 68504. He says "1982 was a great year and 1983 will be better!"

Leonard C. Kirberg and wife Mary are living at 331 Carmel Woods Drive, Ellisville, MO 63011. Leonard writes: "Currently vice-president of St. Louis section of the American Society of Civil Engineers."

James Schroer is a salesman for Republic Steel and lives at 947 Woodway Drive, Fenton, MO 63026. He writes: "Cheryl, Beth (13), Anthony (9), and I have finally moved back to St. Louis after 8 moves in 16 years. Am looking forward to seeing or hearing from some of my fellow classmates."

J. Michael Evans, director of system planning for Kansas City Power & Light Co., has been elected vice-president of system power operations for the company. He started with KCPL in 1974, working on management and engineering projects associated with the company's first nuclear power plant. In 1975, he was assigned as start-up engineer for trial operations of the company's newest coal-fired power plant. In 1978, he returned to the nuclear department to become its manager. In January, 1979, he was appointed director of system planning. Most recently he was the project director of the company's innovative long-range system expansion alternatives plan and coordinated the activities of the company's 17-member citizens advisory planning group. He is presently completing an MBA at Rockhurst College in Kansas City. He, wife Linda, and their family reside at 9119 Slater, Overland Park, KS 66212.

Stanley S. Hansen is now a member of the technical staff of The Aerospace Corporation in El Segundo, Calif. He lives at 420 S. Catalina Ave., No. 208, Redondo Beach, CA 90277.

Gary F. Harris has accepted an engineering position with the consulting engineering firm of Parkhill, Smith & Cooper Inc. Gary, wife Sandy and daughter Brandee have relocated to 5214 Thomason Drive, Midland, TX 79703.

Stanley C. Link recently brought his son, Danial, for a tour of our campus at UMR. Danial is a senior at Roxana H.S. in East Alton, Ill., planning to attend UMR in the fall '83. Stanley is a senior design engineer with McDonnell Douglas. The Link family lives at 265 Sundown Drive, East Alton, IL 62024.

T. Michael McMillen and wife Marilyn are living at 278 Oakleigh Woods, Ballwin, MO 63011. They write: "Mike is assuming a new position as manager of the new St. Louis office of John Mathes & Associates. It is located in Lasalle Park, a restored area in downtown St. Louis opened in December, 1982. With this appointment, he will become an associate of the firm."

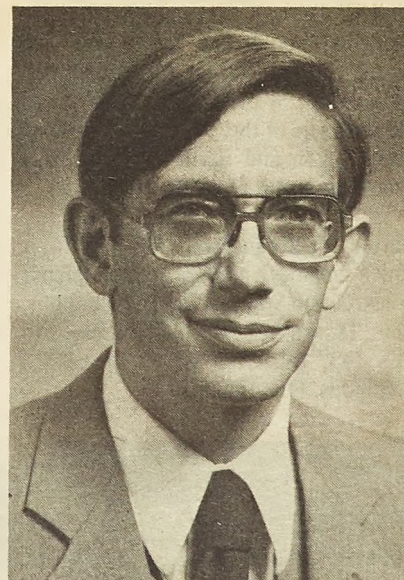
David A. Nelson and wife Janet Lea report the birth of a son, David Lee, on May 4, 1982. David is a market specialist/application engineer for Gould Inc. Electric Motor Division in St. Louis. The Nelson family lives at 6970 Singingwood Lane, St. Louis, MO 63129.

1968

Richard F. Astrack, wife Jane, and daughters Katie and Susan, have moved to Frankfurt, Germany. Their mailing address is USAEDE EUDED-SE, APO New York 09757. Rich works for Europe Division, Corps of Engineers, and was recently promoted to chief of the engineering systems planning section of the planning branch.

K. Ronald Chapman is vice president of Schnabel Foundation Co. He and Barbara are living at Ceresstraat 2, Alphen a/d Rijn, The Netherlands, Europe. Ron writes: "Spending an enjoyable year in Holland, visiting foundation engineering projects around Europe. My wife is from Holland, so we are near all of her family. We have two children, a son Aaron (4) and daughter Elisa (1 yr). Hope all is well in Rolla."

Leroy "Lee" Halterman has been named minerals manager USA for Energy Reserves Group, and will relocate to Denver, Colo. He and Debby will make their home at 8265 W. 81st Drive, Arvada, CO 80005.



MICHAEL C. KORB

Michael C. Korb has been appointed general superintendent of the Panther Valley Division of Bethlehem Mines Corp. effective Jan. 1, 1983. He has been with Bethlehem since graduation from UMR in '68, and served on assignments in Venezuela and Pennsylvania. He was promoted from chief engineer of the division headquarters in Tamaqua, Pa. He is past president of the anthracite chapter of AIME and is active with Erne Valente Sports Inc., a youth organization in Hazelton, Pa. He and Patricia live at 507 West Diamond Ave., Hazelton, PA 18201.

Alumni Personals

1968 Continued

Michael S. Clayton is an ORSA analyst with the U. S. Army in Heidelberg, Germany; mailing address is HQ USAREUR Box 628, APO New York 09403. Mike, Linda, Matthew and Stephanie will complete a three year Germany tour in June '83; then the Claytons are off to Fort Leavenworth, Kan., for the command and general staff course.

James C. Petry has joined the staff of Murphy Co., Mechanical Contractors and Engineers Inc. of St. Louis, Mo. Murphy Co. ranks 46th in Domestic Engineering Journal's 1982 Annual Report on the larger mechanical contracting firms in the U.S. Jim's home address is 5116 Susan Hills Drive, St. Louis, MO 63128.

John M. Pitt is now assistant professor of civil engineering at Iowa State University in Ames. He and Marytha live at Route 1, Nevada, IA 50201.

Ken Shuey writes: "My wife Bern and I are enjoying the nice weather in North Carolina. We moved from Lima, Ohio, this year. She is teaching at Meridith College and I'm working at the Westinghouse Energy, Metering and Control Division associated with the electronic equipment for power line carrier communication for distribution automation. Want to say 'hello' to all the members of the '64 thru '68 baseball teams." Ken and Bernice live at 1621 Brookrun Drive, Raleigh, NC 27614.

Harold W. Wagner Jr., '68, '74, '76, is now a facilities engineer at the Defense Construction Supply Center, Columbus, Ohio. He will receive mail addressed to Qtrs 143, DCSC, 3990 E. Broad St., Columbus, OH 43215.



1982 Rollamo

1969

Robert and Vicki ('70) Andreae now live at 4221 N. 23rd St., Arlington, VA 22207.

Theodore H. Becker Jr. is a senior design engineer with Caterpillar Tractor Co. in Peoria, Ill., reassigned to OEM account manager in Caterpillar Engine Division responsible for ag tractor applications. He writes: "The eternal car nut now owns a 1938 Ford and most recently a 1934 Ford Coupe." He and Helen live at Rt 3, Box 32, Chillicothe, IL 61523.

The death of **Lawrence A. Decker** on Dec. 16, 1982, was reported by **George Baumgartner, '56**. Larry had been an engineer with Ford Motor Co. since his graduation. George is also with Ford.

Walter D. Dietrich is a pilot in the U. S. Air Force, 345 Tactical Airlift Squadron. He and Barbara receive their mail thru PSC Box 951, APO San Francisco, CA 96328.

William R. Knauf was appointed store manager of the Montgomery Ward store in Morgantown, W.Va., in January '82. He and Sandra have moved to Route 9, Box 67, Morgantown, WV 26505.

Dr. Ronald Maehl has been appointed manager, market development - NASA, by RCA Astro-Electronics of Princeton, N.J. In his new position, Ronald is responsible for the marketing of government non-military satellite programs. He joined RCA in 1979 as manager, science accommodations, responsible for science payload accommodations and the integration of the Dynamics Explorer spacecraft. In 1981 he became manager, science programs responsible for the development of scientific satellite programs at RCA. He, wife Susan and their two children live at 20 Windmere Path, Hamilton Square, NJ 08690.

Gary R. Koenig was recently promoted to senior supervisor, information center (which he is starting up) for General Motors Information Systems and Communications Activity, Warren, Mich. He writes: "Doris and the four children are doing well. The Lord continues to bless us greatly." The Koenig family lives at 42010 Bay Court, Sterling Heights, MI 48078.

Lonnie D. Schmidt is a section manager in the CAD/CAM Division at McDonnell Automation Co., St. Louis. He says his "current development effort is in distributed data bases for CAD/CAM distributed processing computer systems." Lonnie and Nancy live at 11882 Shallowbrook Drive, Creve Coeur, MO 63141.

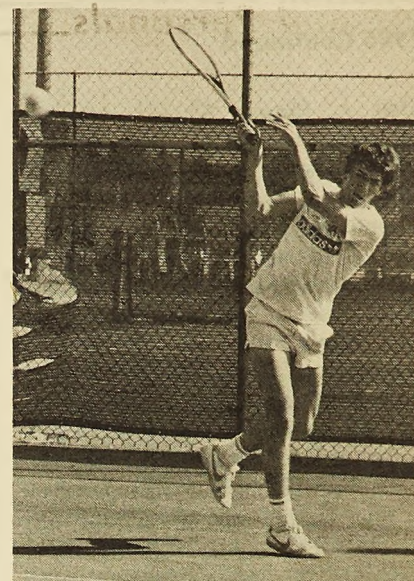
Alvin D. Wansing is currently water department director for the City of Springfield, Ohio. With two retirements of key City officials forthcoming, the City Manager announced he is recommending to the City Commission that the departments of public works, water, and public properties/aviation be combined into one organizational unit to be called the department of public service, with Al as director of the new department. Al has headed the water department since 1975, and has been employed by the City since 1973. As service director, Al will oversee all water and sewer department operations as well as public properties, municipal airport, and public works-which includes divisions of garage, refuse, street maintenance, engineering and traffic engineering. His home address is 1646 Winding Trail, Springfield, OH 45503.

1970

Vicki and Robert ('69) Andreae now live at 4221 N. 23rd St., Arlington, VA 22207.

W. Alan Kean is employed by Viron Corp. in North Kansas City as a project engineer. He and wife Paula (married August '75) live at 4013 Milton Drive, Independence, MO 64055.

Wayne R. Kemp is an exploration geologist with Freeport Exploration Co. in Lakewood, Colo. His mailing address is P.O. Box 3055, Evergreen, CO 80439. He writes: "I have completed my Ph.D. in geology at the University of Nevada (Dec., 1982) and I have transferred to the Rocky Mountain district exploration office for Freeport Exploration. My residence is 26881 Hilltop Road, Evergreen, Colo."



1982 Rollamo

Jerry L. Matthews, '70, '74, has been named general manager of AMAX Coal Co.'s Belle Ayr mine. He will direct Belle Ayr's mining operations, coal preparation, maintenance and employee relations. He has worked for AMAX for six years and was production manager, second-in-command at the mine, before taking over his new position. Belle Ayr has been the nation's largest producing coal mine since 1977, reaching a U.S. record 18.1 million tons in 1978. Last year the mine shipped 15.3 million tons. AMAX employs more than 400 persons at the site, which is 18 miles southeast of Gillette. He and Emily live at 2401 Whitetail, Gillette, WY 82716.

Tom Nebel has been promoted to district sales manager for Hewlett-Packard. He has been with the company for six years and will soon move to Dayton, Ohio. His present address is 5 Du Sable Court, St. Charles, MO 63301.

William E. Randolph Jr. is now section head in engineering at Procter & Gamble in Cincinnati, Ohio. He has recently moved to 323 Durrell Ave., Wyoming, OH 45215.

James J. Ranieri has been appointed program manager of human resource training and development for Air Products and Chemicals Inc. of Allentown, Pa. His responsibilities will include developing and managing training programs as well as other related training activities on a corporate-wide basis. Jim joined Air Products in 1979 as a sales administrator and was product manager of the company's nitration products department prior to his recent appointment. Formerly a resident of Chicago, Ill., he currently resides at 327 Parkside Drive, Macungie, PA 18062.

Alumni Personals

1970 Continued

William K. Shinn has been promoted to maintenance manager, Massena, N.Y. operations of Alcoa Aluminum. His home address is 5 Serra Lane, Massena, NY 13662.

Joseph A. Simoneaux is a lieutenant colonel in the U. S. Army, presently stationed at Fort Leavenworth, Kan. He and Suzanna live at 1009 21st Terrace Court, Leavenworth, KS 66048.

Anita Williams, '70, '73, writes: "I have taken a new job working as a production geologist in oil and gas with Marathon Oil & Gas. I am remaining in Anchorage, Alaska with them." Her mailing address is SRA 1648-J, Anchorage, AK 99507.

1971

T. James Barker Jr. has been promoted to senior distribution engineer for the Central Illinois Public Service Co. at Mattoon, Ill. He began his career with CIPS in 1977 as a distribution engineer in Quincy, Ill., and was promoted in 1980 to staff distribution engineer in electric transmission and distribution at Springfield, Ill. He is a member of the Institute of Electrical and Electronics Engineers, the Power Engineering Society, and is a registered professional engineer. He and his wife, Mary, have two children, Dan, 7, and Katie, 5.

William H. Burt is newly employed at Durez-Stevens Foundry Supply, Ferndale, Mich., as product supervisor.

Larry and Connie Campbell write: "Moving to New Jersey to work for General Magnaplate as materials and application engineer. New address is 41 Ellen Heath Drive, Matawan, NJ 07747."

Gentlemen:

As of last month, I have completed my obligation to repay the National Defense Loans borrowed during 1967 thru 1972. I intend to continue to send that same amount on a monthly basis to the Alumni Contribution Fund. I will also contact the personnel office at the company I work for to inquire about matching funds.

Sincerely,
Mike Fair '71, '72
965 Branford Lane
Lilburn, GA 30247

James M. Chapman is newly employed as senior project engineer with Public Service of Indiana in New Washington, Ind. He and Nancy are living at 1121 Woodfield Drive, New Albany, IN 47150.

Norman Dale Dennis Jr., '71, '73, has been assigned as an instructor in structural and geotechnical engineering at the U. S. Military Academy at West Point, N.Y. He was commissioned a second lieutenant in the Corps of Engineers in 1972, and is now a captain. He earned an MBA from Boston University in 1979 while serving overseas, and received his doctoral degree from the University of Texas at Austin in December '82. His doctoral thesis was titled "Development of Correlations to Improve the Prediction of Axial Pile Capacity." He and wife Theresa have three children, Maria, Charles and Patricia.

Dennis and Kathryn Ditch send an announcement of the birth of their first child, Kelson Forrest, on June 11, 1982 (7 lbs. 14 oz.). Dennis is D. P. manager of "Chocolate Soup" in Raytown, Mo. The Ditch family makes their home at 2008 E. 59th St., Kansas City, MO 64130.

Thomas L. Greene is senior development engineer in powertrain & chassis engineering for Ford Motor Co., Livonia, Mich. Tom and Sally write: "We are happy to announce the addition of two new members to the family—a 1966 Shelby GT350 (his) and a 1970 Shelby GT500 convertible (hers). The kids are getting older and we needed some more playmates. Jeff (13) and Brian (9) are fine." The Greene family lives at 14945 Thornridge Drive, Plymouth, MI 48170.

Robert F. Hoel Jr. has moved to 5823 Folkstone Lane, Orlando, FL 32807. He writes: "recently joined Vector Constructors Inc. headquarters in Orlando, Fla. I am responsible for project management on construction projects throughout the southeast."

Ronald A. Peterson, vice president heavy industrial construction for Brooks Erection and Construction Co. of St. Louis, has joined the Missouri Baptist College Board of Trustees. He is a member of the First Baptist Church of Harvester, serves as a deacon and Sunday school teacher, as well as on several church committees. His home address is Route 1, Box 660, Winfield, MO 63389.



1982 Rollamo

Gordon D. Robinson and wife Catherine are living at 6141 Columbia Ave., St. Louis, MO 63139. Gordon writes: "Accepted position as manager of facilities and operations of central computer group of Monsanto Agricultural Research on May 17, 1982. Lots of Rolla grads loose here doing strange things to plants and computers."

Charles R. Schaffer, '71, '79, is now employed as a project manager by Hercules Construction Co. in St. Louis. He and Linda have moved to 232 West Manor Drive, Chesterfield, MO 63017.

Charles A. White III is newly employed by American Bell as district manager in Morristown, N.J.

(another McDonnell Douglas Component company). In addition to Unigraphics, I am responsible for user support for a purchased printed circuit board design system in use in several electronics areas in MCAIR. I am also participating in the long-range planning and information resource management functions related to these two and other related CAD/CAM and analysis systems administered by the Computer Aided Technology Project. Needless to say, there is never a dull moment, but these new activities are more in line with my career interests and may open new opportunities outside of my functional department." Mike's home address is 6533 Tholozan, St. Louis, MO 63109.

Alfred W. Matthis II writes: "I am now working for Arrow Engineering in Tulsa, Okla. as a senior process engineer. Arrow manufactures oil and gas process equipment." He and Vivian make their home at 5633 E. 97th St., Tulsa, OK 74136.

James E. Polite is now general manager of Bemis Holding Co. in Webster Springs, W.V. He and wife Carole were married Sept. 18. His family now includes two boys—Scott (15) and Cris (7). They live at 44 Sitting Bull, St. Albans, WV 25177.

Joseph D. Rupp has been named director, mill products manufacturing for Olin Corporation's Brass Group at East Alton, Ill. His home address is 4065 Marietta Drive, Florissant, MO 63033.

Steven D. Rush has joined Fox & Cole Consulting Engineers in St. Louis as a project manager. He will assume engineering and management responsibilities for commercial, residential, industrial, and municipal projects. Steven is a registered professional engineer.

1972

Michael P. "Mike" Allen is employed by McDonnell Douglas in St. Louis and is assigned to the computer aided technology project in MCAIR's Engineering Technology Division. He writes: "My new duties cover user support for technology applications of Unigraphics (a product of MCAUTO) which is one of three in-house CAD/CAM systems. I became a user of Unigraphics in the Structures and Systems Labs (my functional department) several years back during design work in support of the F/A-18 "Hornet" fighter test program. During that time I developed new automated design/drafting application programs and software interfaces for our existing FORTRAN language routines. These new project responsibilities include user training programs and liaison with MCAUTO

Alumni Personals



1982 Rollamo

1972 Continued

Cesar and Victoria Santucci have moved to 517 Mead Drive, Winchester, VA 22601. Cesar is a civil engineer, construction coordinator, with the U. S. Army Corp of Engineers in Winchester, Va.

William R. Stinnett is now program manager for Emerson Electric Co. in Casselberry, Fla. He and Joyce live at 920 Brennam Place, Longwood, FL 32750.

Philip G. Taylor is manager, pharmaceutical products, for Syntex Agribusiness of Des Moines, Iowa. He and wife Lorena write: "Our second child, Elijah Andrew, was born Nov. 18, 1982. Our daughter, Nicole Marie, is 4 years old. Have been with Syntex Agribusiness for 4 years now." The Taylor family lives at 3405 Melanie Drive, Des Moines, IA 50322.

David E. Woosley, traffic engineer for the City of Davenport, Iowa, sent us the following information: "On Nov. 4, 1982, I was elected secretary of the Missouri Valley Section of the Institute of Transportation Engineers for 1983, at their annual meeting in Topeka, Kan." David and wife Sandy live at 1229 W. 57th St., Davenport, IA 52806.

1973

Ronald O. Bude sends us a new address: 822 East "F" St., Iron Mountain, MI 49801

Word has been received that **Charles W. Gehrke Jr.** was killed in a plane crash in November, 1982.

John E. Hill, '73, '75, has been hired as plant engineer for Hedrick Concrete Products Corp. in Sikeston, Mo. He is a member of the Missouri Society of Professional Engineers and the American Society of Civil Engineers. He resides in Bloomfield with his wife, Jane, and children, Jeremy and Sarah.

Larry Lamano is a senior member of the technical staff at Rolm Corp. in Austin, Texas. He recently transferred to Rolm's new engineering facility in Austin from Santa Clara, Calif. He and Maria have moved into their new house at 6805 Arrowpoint Cove, Austin, TX 78759.

Rodney Lough has been appointed area manager for the Bourbon, Gerald, and Lockwood, Missouri plants of Paramount Cap Mfg. Co. He has been with Paramount since December, 1980. He, his wife Donna, and their children Andrew, Daniel and Jannell reside at 203 East Eldon, St. James, MO 65559.

J. Gary McAlpin is a process engineer employed by Buckeye Cellulose Corp. in Memphis, Tenn. He and Sophia have recently moved to 8314 Honey Hill Cove, Germantown, TN 38138.

Jerry Minoff is a construction manager for Sverdrup Corp., St. Louis, Mo. He and Marilyn live at 120 Norview, Charleston, SC 29407.

Rosemary F. Rois was recently married to Robert H. Owens. The couple resides at 5411 Sheffield Court, No. 151, Alexandria, VA 22311.

Richard G. Schafermeyer, '73, '75, is a group leader at Procter & Gamble in Cincinnati, Ohio. He writes: "Nancy and I had a baby daughter born to us on July 10. Her name is Theresa Ann." They live at 499 Beechtree Drive, Cincinnati, OH 45224.

George A. Schindler is an engineer with Union Electric in St. Louis. He and Cathy live at 545 Lemonwood Drive, Ballwin, MO 63011, and send announcement of the birth of their second daughter, Karen Michelle, on Sept. 30.

Steven E. Schlueter is a project engineer with American Motors Corp., Yuma, Ariz. His mailing address is P.O. Box 485, Wellton, AZ 85356. He writes: "Latest development: Am again supporting wife's (Connie) educational pursuits. This time she has finally been accepted to medical school...where else but in the Caribbean! (At least, she says it's a med school!)"

Thomas G. Smith is now post-doctoral fellow in behavioral statistics at Baylor University, Waco, Texas. He and Cathy live at 111 Peaceful Lane, Waco, TX 76705.

Richard M. Taylor is presently living in Korea. He is a captain (chief of design, civil engineering squad) in the U. S. Air Force. He and wife Roslyn receive mail addressed to PSC Box 1467, APO San Francisco 96264.

1974

Bruce S. Bonczyk is a consulting engineer with Construction-Design Services Co. in Carbondale, Ill. He writes, "Have returned to being a full-time student at the Southern Illinois University School of Law, as well as entering private practice on a part-time basis." Bruce's home address is 1707 W. Freeman, Carbondale, IL 62901.

Robert L. Hildebrandt is newly employed as a metallurgical engineer with Hildebrandt & Hildebrandt Enterprises, Big Spring, Texas. His address is Sterling City Route, Box 13D, Big Spring, TX 79720.

Gerry Howser is a computer systems programmer employed by the Missouri Senate at the State Capital Building in Jefferson City, and teaches Fortran part-time at Lincoln University. He and Karen now have four sons -- Jeremy was born Aug. 27, 1982. They make their home at 424 Union, Jefferson City, MO 65101.

Samuel W. Marsh III is now a lieutenant colonel in the U. S. Army stationed in Washington, D.C., working in research, development and acquisitions. He and Margaret live at 535 Ft. Williams, Alexandria, VA 22304.

Richard H. McKee is now a process engineer with U. S. Steel in Chicago. He and Beth are living at 22627 Clarendon, Richton Park, IL 60471. At the time of our last communication, they were anxiously awaiting the birth of their second child due in mid-January.

Robert D. Morris is a Lt. Col. in the U. S. Air Force. He and Eileen Ruth receive mail thru 513 C.E.S., Box 694, APO New York, NY 09127.

Keith A. Nolde is a captain in the U. S. Air Force. He and Margaret are living at 15190 Blackfoot Road, Apple Valley, CA 92307.

Vincent E. Pirano is employed as an estimator (heavy construction) with Raymond Int. Builders in Houston, Texas. He writes: "Returned to states from Ecuador in January '81 after 3½ years." He and Caryn are now living at 9326 Benning Drive, Houston, TX 77031.

David J. Roth is a senior process engineer with ARCO Metals Co., Louisville, Ky. He writes: "new address is 5005-H Sunway Court, Louisville, KY 40222, for the time being. Getting ready to move again, as our corporate headquarters move to Chicago."

Patricia (Long) Wist writes: "Our little boy, Jeff, turned '1' on Dec. 8; somehow we survived the first year as new parents and are now looking forward to Jeff's second year. He is definitely not the same little guy we brought home a year ago! He gets dearer and cuter by the day." Patricia is senior business programmer analyst at McAuto in St. Louis, Mo. She lives with husband, David, and son, Jeff, at 7396 Bedford, St. Louis, MO 63130.



1982 Rollamo

Alumni Personals



1975

Elton Blake Grundy is an industrial sales engineer for Gulf Refining and Marketing Co., offices in Cleveland, Ohio. He and Barbara live at 19313 Cherrywood Lane, Warrensville Heights, OH 44128.

Bruce D. Lurtz is living at 4705 N.W. 72nd, Oklahoma City, OK 73132.

David Lyon is a mining engineer employed by Zeigler Coal Co. in Coulterville, Ill. He and Mary Lou are living at Route 7, Box 538, Marion, IL 62959.

Barry Mercer, '75, '76, '78, is now a geologist with Aminoil U.S.A. in Oklahoma City. He and Mary have moved their residence to 4932 N.W. 62nd St., Oklahoma City, OK 73122.

Thomas J. Mittler was recently named a senior civil engineer by Texas Eastman Co., Longview, Texas. Tom, wife Jan, and daughters Tammi, Sandi, and Debby write they are "doing well" at 402 Dellbrook Drive, Longview, TX 75604.

Don A. Nicholson is now a project engineer with AMOCO Oil Co. in Whiting, Ind. His new address is 6815 Wicker Ave., Hammond, IN 46323.

Mitchell F. Peterson is a product development engineer with Geosource Inc. EXPO 650, and lives at 10110 Club Creek Drive, No. 202, Houston, TX 77036.

Michael J. Quinn is a pilot in the U. S. Air Force, presently stationed at Ellsworth AFB, S.D. He and Susan live at 838 Rosilee Lane, Rapid City, SD 57701.

Sherrienne Streeter has a new position as budget analyst with Sohio Petroleum Co. in San Francisco, Calif. She and Will have moved to 50 Cityview Way, San Francisco, CA 94131.

1976

Robert P. Braun is a product design engineer employed by American Motors Corp. in Detroit. He writes: "Have recently passed the exam and am now a registered professional engineer - state of Michigan." His home address is 1732 Thirteenth St., Wyandotte, MI 48192.

George E. Cannon Jr. is now chief of the civil engineering & services management assistance team (CESMAT) headquartered at Offutt AFB, Neb. He and Sandra have moved their residence to 605 Woodbine Drive, Papillion, NE 68046.

Denise (Lovasco) and Dave Denner, both Class of '76, announce the birth of daughter Darcy Renee on Jan. 7, 1982. The Denners live at 6851 Parc Charlene, Florissant, MO 63033.

Randall Emmons, '76, '82, recently married **Joan Knobbe**, '80. The couple is now living in Kirksville, Mo. and receives mail at P.O. Box 357, Kirksville, MO 63501.

Bruce W. Haigh writes: "Presently serving as director for engineering and housing, Heidelberg Military Community, Heidelberg, Germany, and 26th Support Group engineer (U. S. Army, Europe). On Lieutenant Colonel promotion list." He and JoAnne receive mail at Box 781, APO New York, NY 09403.

William C. McAllister III, '76, '78, is employed as a staff environmental engineer with Burns & McDonnell Consulting Engineers in Kansas City, Mo. Bill and Connie are living at 207 Huntsman, Raymore, MO 64083, and write: "We were blessed with a baby girl on Jan. 26, 1982. The new AF II member is Kelly Christine McAllister."

Rodney J. Sampson is now manager of data processing for Quincy Research Center in Kansas City, Mo. He lives at 3021 Campbell, Kansas City, MO 64109.

Paul W. Sapp, '76, '78, writes: "I have accepted a new position and moved to Salem, Ore., where I manage the engineering lab and do design work for ARNAV Systems, Inc. I'll miss the Ozarks, but I'm quickly getting to enjoy the ocean, mountains, mild climate and spectacular beauty of Oregon." Paul's new address is 6461 Fairway St., Salem, OR 97306.

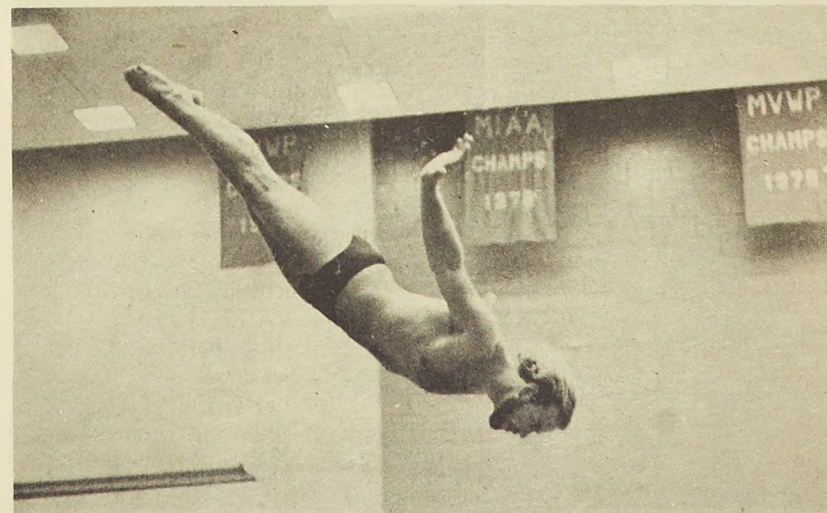
Joseph B. Vann is an assistant professor of military science, U.S. Army ROTC, Kent State University in Ohio. He and Paula live at 1085 Erin Drive, Kent, OH 44240.

Paul E. Williams, '76, '77, '79, is a thermal engineer employed by Procter & Gamble in Cincinnati, Ohio. He and Bonnie reside at 5212 Horizonvue Drive, Cincinnati, OH 45239.

James D. "Jim" Wood, '76, '81, writes: "1982 was a busy year. I got out of the Army and took a civilian job as a chemical engineer with the Department of the Army at Aberdeen Proving Ground, Maryland. I also finished a second MS in environmental engineering at Johns Hopkins University and took my P.E. exam." Jim lives at 113 Danzen Drive, Apt. F, Bel Air, MD 21014.

1977

Notice of the death of **Samuel Philip Enns** on Nov. 19, 1981, has been sent to the alumni office by his mother, Lois Lohrentz, 2800 W. 50th Terrace, Westwood, KS 66205. She reports that Sam, who had B.S. degrees in computer science-applied mathematics and physics, was in the process of setting up his own computer/software consultant business at the time of his death. He was also doing research on physics and math projects. While he was at UMR, Sam and Joe Hopkins were instrumental in starting Beta Chi Sigma service fraternity and the Merit Badge University--an activity that brings some 500 to 800 boy and girl scouts to campus each year to work on merit badges. A memorial gift has been made in Sam's name to the Alumni Association.



1982 Rollamo

Jon Graham writes: "Our second daughter, Haley Beth, was born Nov. 19. I am now working for Lawson Engineering in Oklahoma City as a petroleum consulting engineer." Jon and Connie make their home at 13617 Pin Oak, Edmond, OK 73034.

1978

Steve Allen writes: "Wanted to inform you that I have been transferred from Dallas, Texas, as an open hole sales engineer, to Al Khobar, Saudi Arabia (which is near Dhahran) as a case hole sales engineer, still with Schlumberger Well Services. My wife, Judy, will be joining me. My address is ARD, Schlumberger Middle East S.A., Box 2779, ARAMCO, Dhahran, Saudi Arabia."

David E. Amthauer is now chief, plans and requirements branch, U.S.A.F. headquarters in West Germany. He receives mail through PSC 5593, APO New York 09012.

Craig A. Barnes is currently a graduate student here at UMR. He and Beth Ann are living at 902 W. 13th St., Rolla, MO 65401.

David S. Darr is a teaching assistant in physics at the University of Washington in Seattle. He is living at 2114 N. 65th St., Seattle, WA 98103.

J. Michael Fisher and wife, **Anne (Mills)**, '79, have moved to 80 Central Terrace, Cincinnati, OH 45215.

Joseph Grana Jr. is an energy and environmental engineer with Olin Corp. in East Alton, Ill. He and Kathleen send us their new address: 6117 Southern Drive, St. Louis, MO 63123.

Alumni Personals

1978 Continued

William F. Helmich Jr. is now a mapping geophysicist for Champlin Petroleum in Englewood, Colo. His home address is 4124 S. Pagosa St., Aurora, CO 80013.

Brenda E. Liescheidt is a building design engineer for Procter & Gamble in Cincinnati. She and Steve live at 10921 Thornview Drive, Cincinnati, OH 45241.

William & Charlotte (Ponder) Merten wish to announce the birth of their son, Paul Edward, on Dec. 16, 1982. The Mertens currently live at Route 6, Box 84, Rolla, MO 65401. Bill works for Anderson & Associates.

Nathan C. Myers has recently been employed by Amoco Production Co., Houston, Texas, as a geologist. He and Sherris have moved to 3138 Brant Drive, Katy, TX 77449.

Teri Nunnally and husband **Robert ('79)** write: "We just moved into the new house we built. Our new address is Route 1, Box 35-1, Joplin MO 64801. We are expecting our first child next June." Robert is an electrical engineer employed by Empire District Electric Co. in Joplin.

Steven P. Rinne has moved to 11817 Doe Run Drive, Mabelvale, AR 72103. He is a resident engineer with Factory Mutual Engineering, Maryland Heights, Mo.

Kay E. Sooter is now an attorney with Stinson, Mag & Fizzell in Kansas City, Mo. She and Kent have moved to 11111 E. 6th St., Independence, MO 64054.

David E. Statler is employed by American Steel Foundries in Alliance, Ohio, and was promoted to the position of assistant works engineer effective Jan. 3, 1983. David and Holly Ann live at 14526 St. Rt. 534, Salem, OH 44460.

Michael D. Stump is a chief, engineering and environmental planning, with the U. S. Air Force. He and Nancy receive mail addressed to P. O. Box 708, APO New York, NY 09123.

Gregg S. Sullivan is now president of ESL Inc. in Sunnyvale, Calif. His mailing address is P.O. Box 2635, Redwood City, CA 94064.

Michael D. Winnett and wife, Kim, moved from L.A. to Houston in July, 1982. Mike is working as a project construction engineer on Anheuser-Busch's Houston brewery expansion. Their new address is 2819 Pheasant Run, Humble, TX 77338.

1979

Daniel M. Beckerle Jr. has new employment as a mining engineer with the Internal Revenue Service in Houston, Texas. He and **Susan (Remley '81)** have moved to 10010 Memorial, No. 405, Houston, TX 77024.

Thomas A. Calzone has moved to 438 Bush Drive, Ballwin, MO 63011. He is employed by Carboline in St. Louis, Mo., as a maintenance coating specialist.

Suchinda Chotipanich, '79, '82, has been employed by the Department of Science Service, Bangkok, Thailand, and sends us her new address as 17-6 Lardprao 130, Bangkok 10240, Thailand.

L. Anne (Mills) Fisher is a group leader, product development, for Procter & Gamble in Cincinnati, Ohio. She and **Michael ('78)** have moved to 80 Central Terrace, Cincinnati, OH 45215.

Bashir H. Hamed, '79, '81, is now sales manager for Sahara Building Contractors. His mailing address is P. O. Box 1327, Riyadh, Saudi Arabia.

John H. Hehmeyer married Diane Siemer on Nov. 13, 1982, in Florissant, Mo. Diane holds a bachelor degree in business administration from UMC, '80. John is a project engineer for Marley Cooling Tower Co. After a wedding trip to Orlando and Daytona Beach, Fla., the couple makes their home at 5130 Hardy, Overland Park, KS 66202.

Robert F. Henry Jr. writes: "Now married (wife, Arleen) and residing in the central west end of St. Louis. Working for Monsanto as a process engineer II and going to Washington University for a master's in construction management." He and Arleen live at 5157 Washington, St. Louis, MO 63108.

James P. Neumann is employed by Amoco Chemicals of Joliet, Ill., in the mechanical engineering group. He and Adola live at 1255 Burr Road, Channahon, IL 60410.

Robert Nunnally is an electrical engineer with Empire District Electric Co. in Joplin, Mo. He and **Teri ('78)** write: "We just moved into the new house we built. Our new address is Route 1, Box 35-1, Joplin, MO 64801. We are expecting our first child next June."

Robert H. Quenon (Honoris Causa '79), who has been president and chief executive officer of Peabody Coal since 1978, was named president and chief executive officer of Peabody Holding Co. Inc., the parent firm of Peabody Coal Co., St. Louis. Peabody Holding was formed in 1976 as the first phase of a management reorganization effort which decentralized Peabody Coal Co. and formed five operating divisions. The second phase of the program establishes a subsidiary, Peabody Development Co. (see Hartman, '48). Peabody Holding is owned by six firms: Newmont Mining Corp., The Williams Cos., Bechtel Investments Inc., The Boeing Co., Fluor Corp., and the Equitable Life Assurance Society of the United States. Quenon's home address is No. 6 Upper Laue Road, St. Louis, MO 63102.



1982 Rollamo

Kevin W. Stalnaker and wife, Sue Ann, announce the birth of twins on July 13, 1982 -- Matthew Wayne and Michelle Lynn. Kevin is an associate programmer with IBM at facilities in Research Triangle Park, N.C. The Stalnaker's home address is 3928 Maplefield Drive, Raleigh, NC 27612.

Michael Stupka, '79, '82, is now an electronic engineer for McDonnell Douglas Astronautics Co. in St. Louis. He and Dorothy are living at 9615 Chancellorsville Drive, St. Louis, MO 63126.

Gaylard T. Williams writes: "Received my MBA from S.I.U., Edwardsville, and am presently enrolled as a law student at St. Louis University." He works as an electrical engineer II for the City of St. Louis in air pollution control, and lives at 4519 McPherson, St. Louis, MO 63108.

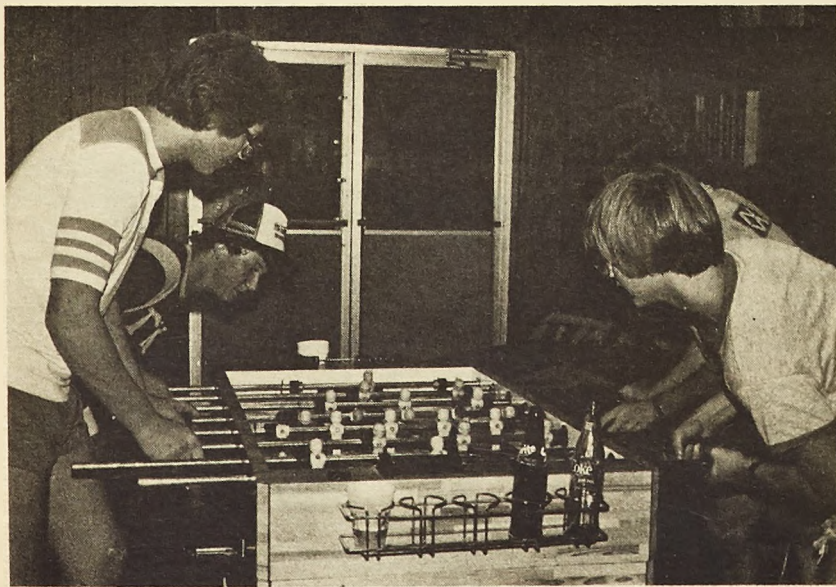
1980

Linda (Wagner) Bierschwal and husband, Joe, have moved to 1515 Kingsbury, Cape Girardeau, MO 63701. Linda is a manager for Procter & Gamble in Cape Girardeau.

John R. Dykman, '80, '82, is an engineer with Lear Fan (Learavia Corp.) in Reno, Nev. He has moved to 1355 Butler, Reno, NV 89512.

Douglas J. Foster is presently a student at Columbia University. He and Mary Jane are living on Stonehurst Rockland Road, Sparkill, NY 10976.

Robert A. Hays is now senior sales representative for Monsanto Co. in Dallas. He has moved to 3611 Duchess Trail, Dallas, TX 75229.



1982 Rollamo

Alumni Personals

1980 Continued

Daniel E. Holman is an engineer employed by Chevron Chemical in Maryland Heights, Mo. He lives at 6 Sylvia, St. Peters, MO 63376.

Joan Knobbe recently married **Randall Emmons**, who received his master's degree in physics from UMR in '76 and his Ph.D. in '82. The couple now lives in Kirksville, Mo. and receives mail at P. O. Box 357, Kirksville, MO 63501.

Thomas J. O'Keefe IV is presently a graduate student at UMR. His new address is 5 Crestview Drive, Rolla, MO 65401.

Julie A. Petty sends her address as Route 3, Box 140, St. James, MO 65559.

Peter C. Scholtes has a new position as thermal rater with Alfa-Laval at their Houston, Texas sales office. He and Peggy Ann have moved to 4800 La Monte, No. 1511, Houston, TX 77092.

Robert J. Sonntag is an industrial engineer with Buick Motor Division of GMC in Flint, Mich. He and wife Lisa make their home at 6128 Farrington, C2, E. Lansing, MI 48823.

Michael D. Stewart, '80, '82, and wife Barbara have moved to 733 Pierce Drive, No. 179, Arlington, TX 76011. Michael is an engineer with Alan Plummer & Associates in Arlington.

Mark C. Van Gilst has changed jobs. He is now employed by the U. S. Air Force as an engineer. He and Carol reside at 1138 Churing Drive, San Antonio, TX 78245.



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Dickie R. Wyatt is an engineer for General Dynamics in Fort Worth, Texas. He and Terri have moved to 1332 W. Ave. J-4, Lancaster, CA 93534.

1981

Tim Aldredge and Lori Moles were married on Sept. 4 in Marshall, Mo. After a honeymoon in Can Cun, Mexico, the bride and groom are residing at 2601 Bill Owens Parkway, No. 46, Longview, TX 75605. Tim is a chemical process improvement engineer with Texas Eastman (Kodak) Company. Lori is a graduate of St. John's School of Nursing, Springfield, Mo.

Susan (Remley) Beckerle and husband Daniel ('79) have moved their residence to 10010 Memorial, No. 405, Houston, TX 77024.

Eugene Haberl is a project engineer employed by Anheuser-Busch in St. Louis. He and Jacqueline live at 934 Hillcrest, Columbia, IL 62236. He writes: "Jackie, Jeff and I have just recently returned from Los Angeles where I participated in the design and start-up of the L.A. brewery expansion. This is the largest expansion of an Anheuser-Busch brewery to date."

James C. Hawkins is newly employed by Gust K. Newberg Construction Co., Miami, Fla., as an assistant engineer. His home address is 7490 Miami Lakes Drive, No. A204, Miami Lakes, FL 33014.

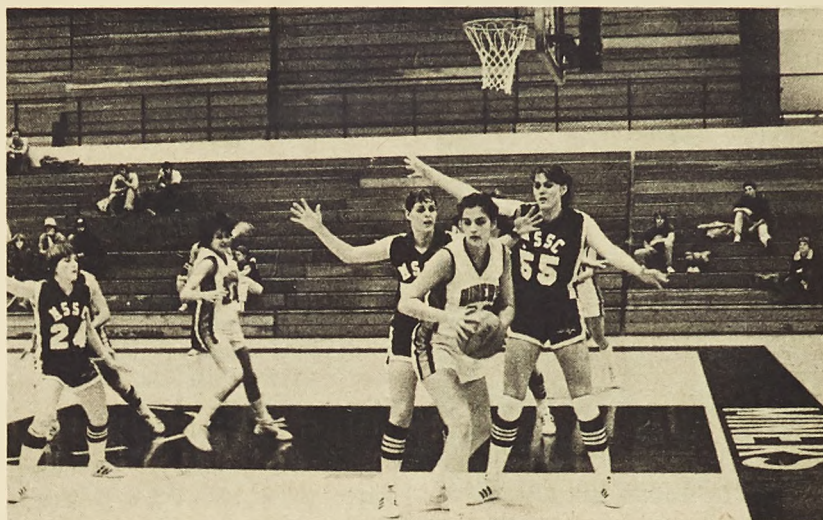
Craig A. Heath is now an associate engineer with IBM. He and Peggy (Moore) live at 2950 Bixby Lane, A105, Boulder, CO 80303.

Yoelit Hannah (Shapiro) Hiebert and husband Gregory Lee ('82) are living at 1585 W. 115th, Apt. H101, Northglenn, CO 80234. Yoelit is a regional sales engineer with Hewlett-Packard in Loveland, Colo., and Greg is with Four Phase Systems.

Joseph W. Howell has a new address: P. O. Box 26060, Fort Worth, TX 76121.

Stephen E. Kipp has moved to 801 Delta Ave., No. 2A, Cincinnati, OH 45226. He is a technical representative for Union Carbide Corp. in Milford, Ohio.

Dan Klaproth sent us a change of address. He and Val are now living at 9240 Terry St., Beaumont, TX 77707.



1982 Rollamo

James R. Krawczyk is now an electrical engineer in communications systems for GTE Sylvania, Needham Heights, Mass. His home address is 52 Boyd, Newton, MA 02158.

Greg London is now an engineer for Boeing Military Airplane Co. in Wichita, Kans. His home address is 9100 E. Harry, No. 2815, Wichita, KS 67207.

Kevin G. McGartland is employed by Hospital Building & Equipment Co. of Creve Coeur, Mo. as a project engineer. He has moved to 316 Washington St., Leonardtown, MD 20650.

Wade W. McLain is a graduate teaching assistant at UMR in the mechanical engineering department. His mailing address is 709-B East 14th St., Rolla, MO 65401.

Mark Nealon reports a new address: 11459 N. 28th Drive, No. 3024, Phoenix, AZ 85029. Mark recently received his master of science degree in electrical engineering from the University of Illinois and is currently employed by Arizona Public Service Corp. in Phoenix. He is enjoying his work and appreciates very much the excellent education he received at UMR.

Timothy J. and Dawn (Dorsey) Neumann announce the birth of their first child, Joshua Tanner Neumann, on Oct. 9, 1982 -- 8 lbs. 13 oz. They now reside in San Jose, Calif., and Tim is employed by IBM. We receive this information from **James P. Newmann, '79**.

John A. Ollech is a chemical sales representative for Nalco Chemical Co. of Freeport, Texas. He and Marcia have moved to 407 Narcissus, Lake Jackson, TX 77566.

Paul E. Piazza is now a design engineer with Ralph Hahn & Associates of Springfield, Ill. He and Sarah have moved to 821 Timerhill, Chatham, IL 62629.

Rebecca S. Reed is a computer engineer employed by Harris Corp. in Melbourne, Fla. She and husband David have moved to 180 Paradise Blvd., Apt. 23, Indialantic, FL 32903.

Lori A. Robertson is newly employed by C & P Telephone Co. in Baltimore, Md. as an engineer in special services, transmission engineering. She and Jeffery have moved to 2A Sugar Plum Court, Cockeysville, MD 21030.

Mark R. Schroeder and wife Margie (Smith '82) have moved to 1404 Oriole, Brentwood, MO 63144.

Peter J. Shaw is employed as a process engineer at Monsanto Chemical Co. in Sauget, Ill. He has a new address: 1415 N. 17th St., Belleville, IL 62221.

Kevin R. Sprenkle is now a project construction engineer employed by Phillips Petroleum in Phillips, Texas. He and Nola receive mail at Box 2156, Fritch, TX 79036.

David L. Strubberg writes: "Now an engineer with Gulf States Utilities at the Willow Glen Power Station in St. Gabriel, La., and am presently living at 4618 Alvin Dark, Baton Rouge, LA 70808."

Notice has been received of the death of **Tseng-Chiang Wang**, as the result of an automobile accident, just before the New Year holiday. He had been a process engineer with Inspiration Consol Copper Co. in Arizona.

Alumni Personals



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1982

Ronald H. Bemis and wife Lou Ann have moved to Route 2, Box A-82-48, Osage Beach, MO 65065.

Douglas D. Bickerstaff Jr. is an assistant professor of computer science at Bowling Green State University, Bowling Green, Ohio. His new address is 1040 Klotz, Bowling Green, OH 43402.

Dennis Boll sends a new address of 9442 Dana Ave., St. Louis, MO 63173.

Gus H. Brown has been employed by Devine Lighting Co. in Kansas City, Mo., as a design engineer. He sends his new address as 3809 E. 106 Terrace, Kansas City, MO 64137.

David C. Brucker has accepted employment with ARCO Oil & Gas Co., Midland, Texas, as a petroleum engineer. His new address is 2433 Whitmier, No. 17, Midland, TX 79701.

Jeff Bruhn sends his new address as Route 2, Box 102, Pevely, MO 63070.

Kelly Jae Busch is employed by AFG Industries in Kingsport, Tenn., as a glass technologist. He and Lisa Anne are living at 458 Allen Drive, Apt. 4, Kingsport, TN 37665.

David Carl sends a new address: 203 5th Ave. N.W., Apt. 2, Decatur, AL 35601.

Gregg Pennington Coffin is now a production engineer in training with Iowa Southern Utilities Co., Chillicothe, Iowa. He and Claudia have moved to 117 West Rochester Road, Apt. 51, Ottumwa, IA 52501.

Kirk C. Foeller is now a 2nd lieutenant with the U. S. Army Corps of Engineers, and receives mail through 559th ENG BN, HANAU GE, APO New York 09165.

Robert Alan Germaine is a project engineer with Robin E. Parke Associates Inc. in Phoenix, Ariz. He and Lynn Marie have moved to 5725 N. 8th Place, No. 3, Phoenix, AZ 85014.

Ali and Janet Ghaemian have moved to 12806 Mioway Road, No. 2025, Dallas, TX 75234.

Dave Goessmann has accepted the position of liaison engineer with McDonnell Douglas in St. Louis, Mo. His home address is 4339 Boswell, St. Louis, MO 63134.

William H. Hohmeier is drilling engineer trainee with Ocean Drilling & Exploration Co. His home address is 2401 Houma Blvd., Apt. 138, Metairie, LA 70001.

Charles A. Hammel is now a petroleum engineer with the IRS in Houston, Texas. He has moved to 3400 Ocee, Apt. 2806, Houston, TX 77063.

Glennon P. Hof is now an assistant engineer at Union Electric facilities in Festus, Mo., and sends us a new address of 429 Walworth, St. Louis, MO 63125.

John B. Jones Jr. is a management associate with Granite City Steel in Granite City, Ill. He and Beth live at 230 Afshari Drive, Florissant, MO 63034.

Marty Kathalynas is living at 412 N. Taft St., W. Frankfort, IL 62896.

Dale Kyser sends his new address: 605 S. Fourth St., Apt. 201, Champaign, IL 61820.

Gary Lee Marquart and Karen Grus were married on May 29, in Washington, Mo. Gary is presently employed at Gulf States Utilities Co. in Conroe, Texas. After a wedding trip to Branson, Mo., the couple is residing at 800 Bellshire III, Apt. No. 333, Conroe, TX 77301.

Keith Mazachek is employed as an associate engineer for Bendix Corp. in Kansas City. His new address is 8324 W. 108th Terrace, Apt. A, Overland Park, KS 66210.

E. Rena Miles is now employed as a software design engineer at Texas Instruments' facility in Dallas, Texas, and sends a new address of 7218 Skillman, No. 2094, Dallas, TX 75231.

Fuhua Niu is now a graduate assistant at the University of Texas-Dallas at their facility in Richardson, Texas, and lives at 13526 Mahan Road, No. 283, Dallas, TX 75240.

Joseph Allen Norris Jr. married Margaret Lea Scott on May 22. The couple now resides at 220 South Rock Road, Wichita, KS 67207. Joe is employed as an electrical microwave engineer for Boeing Aircraft; his bride is a graduate of Pittsburg State University and is an elementary teacher.

Mark Roman Patrick sent us his new address: 6481 Atlantic, Apt. N-139 Long Beach, CA 90805.

Janet K. Pearce has been employed by Conoco Production in Oklahoma City, Okla., as an associate production engineer. Her new address is 5319 Willow Cliff Road, No. 243, Oklahoma City, OK 73122.

Nancy Reiter is now a graduate student at UMR, living at 1610A N. Rolla St., Rolla, MO 65401.

Jeffrey Scott Roark is employed as a systems analyst for Monsanto in St. Louis, Mo. He and Janet are living at 311 Spring Meadows, Manchester, MO 63011.

James R. Roesch sends a new address of 1622 Langholm Drive, Florissant, MO 63031.

Steve Roth has accepted employment with Carboline Co. in St. Louis, Mo. as a chemist. His new address is 7326A Hardscrapple, St. Louis, MO 63123.

Edward X. Ruebling is an associate engineer in quality assurance with McDonnell Douglas Corp., St. Louis, Mo. His new address is 1108 Central Parkway, O'Fallon, MO 63366.

Zane M. Russell is newly employed as applications programmer at McDonnell Douglas in Hazelwood, Mo. He and Dana Lynne have moved to 6552-H Serenity Circle, Hazelwood, MO 63042.

Glen Salomon has accepted employment with McDonnell Douglas Astronautics in St. Louis as an associate engineer. His new address is 5305 Hamlin Court, St. Louis, MO 63128.

Mark D. Schaaake is presently an engineering management development trainee with Oscar Mayer Foods in Madison, Wis. He and Catrice have moved to 1562 Troy Drive, Apt. No. 5, Madison, WI 53704.

Margie (Smith) Schroeder is employed by Bi-State Development Agency in St. Louis, as a maintenance engineer. She and **Mark ('81)** have moved to 1404 Oriole, Brentwood, MO 63144.

Betty Stout has recently accepted a job as an associate engineer with Westinghouse Electric Corp. in Idaho Falls, Idaho. She writes: "I am working at the nuclear reactor facility in Westinghouse's surface ships prototype engineering department." Her current address is 2101 Marigold, Apt. No. 6, Pocatello, ID 83201.

Peng Chun Vong sends us an address of P. O. Box 1789, Rolla, MO 65401.

Joel Wehrman has accepted employment with the Tennessee Valley Authority in Knoxville, Tenn., as a mechanical engineer (design). His new address is 2323 Wilson Road, No. J95, Knoxville, TN 37912.

H. Alan Wu and wife Julie (Hsieh) are living at 6668-D Berthold Ave., St. Louis, MO 63139.

Damian Peter Yanez has been employed by McDonnell Douglas Astronautics Co., St. Louis, Mo., as an associate engineer, weights. He is living at 1508-D Garden Valley Drive, St. Peters, MO 63376.



1982 Rollamo

MSM-UMR Alumni Association

Telephone (314) 341 4171; (314) 341 4172

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Term Expires

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Vice President	Alfred J. Buescher, '64	624 Golfview Drive Ballwin, MO 63011	1984
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Vice President	Robert V. Wolf, '51	Dept. of Metallurgical & Nuclear Engr.	1984
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Treasurer	J. L. "Jack" Painter, '50	801 Fairground Road Rolla, MO 65401	1984
		1610 Wilson Circle Rolla, MO 65401	1984

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Term Expires

Thor Gjelsteen	7300 W. Stetson Place, No. 41, Littleton, CO 80123	1985
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Armin J. Tucker, '40	6464 Overlook Drive, Alexandria, VA 22312	1985

Area Zip

Code Numbers

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Term Expires

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15-21 Robert C. Perry, '49	302 Fox Chapel Road, Pittsburgh, PA 15238	1983
22-34 Wayne R. Broadus, Jr., '55	405 Esther Drive, Dalton, GA 30720	1985
35-45 William D. Busch, '42	20001 Idlewood Trail, Cleveland, OH 44136	1983
46-59 George Baumgartner, '56	2120 Syracuse, Dearborn, MI 48124	1984
60-61 Eugene J. Daily, '36	816 Dennison Drive, Champaign, IL 61820	1985
62-62 Ernst Weinel, '44	1502 West 50, O'Fallon, IL 62269	1984
63-65 Jerome T. Berry, '49	Rt. 4, Box 321, Rolla, MO 65401	1984
63-65 Harold G. Butzer, '47	411 Schellridge, Jefferson City, MO 65101	1985
63-65 Matteo A. Coco, '66	7115 Aliceton Ave., St. Louis, MO 63123	1984
63-65 Harold R. Crane, '53	480 Country Club Drive, Hannibal, MO 63401	1983
63-65 B. Neil Lewis, '58	115 College St., P.O. Box 627, Kennett, MO 63857	1985
63-65 Paul R. Munger, '58	Director Institute of River Studies, UMR, Rolla, MO 65401	1984
63-65 J. Robert Patterson, '54	Show Me, Inc., P.O. Box 573, Sikeston, MO 63801	1984
63-65 Kenneth D. Pohl, '51	2 Vienne Court, Lake St. Louis, MO 63367	1983
63-65 Robert E. Vansant, '51	435 E. 55 St., Kansas City, MO 64110	1983
63-65 C.M. Wattenbarger, '41	205 W. First St. Terrace, Lamar, MO 64759	1984
66-74 David D. Kick, '57	4915 S. Lakewood Drive, Tulsa, OK 74135	1985
75-79 James B. Chaney, '48	16218 Chipstead Drive, Spring, TX 77373	1985
80-89 & 96-99 Victor J. Hoffmann, '60	31057 E. Lake Morton Drive, S.E. Kent, WA 98031	1983
90-95 Robert L. Ray, '47	6045 Estates Drive, Oakland, CA 94611	1985

COMMITTEE CHAIRMEN

Frank Appleyard, '37	P.O. Box 1991, Tubac, AZ 85640
Robert W. Klorer, '44	7500 Natural Bridge Road, St. Louis, MO 63123
Joel F. Loveridge, '39	739 Country Manor Lane, Creve Coeur, MO 63141
Walter C. Mulyca, '65	Rt. 1, No. 16 Southfield Lane, Marshall, TX 75670

EXECUTIVE COMMITTEE

Term Expires

Richard H. Bauer, '52	Missouri Electrochem Inc., 10958 Lin-Valle Drive St. Louis, MO 63123	1984
Robert D. Bay, '49	Black & Veatch, 1500 Meadow Lake Parkway Kansas City, MO 64114	1988
Joseph W. Mooney, '39	7383 Westmoreland University City, MO 63130	1986

EX-OFFICIO DIRECTORS

Robert M. Brackbill, '42	9148 Clearlake Drive, Dallas, TX 75225
Paul T. Dowling, '40	10144 Winding Ridge Road, St. Louis, MO 63124
R.O. Kasten, '43	901 West 114th Terrace, Kansas City, MO 64114
Peter F. Mattei, '37	9954 Holliston Court, St. Louis, MO 63124
Melvin E. Nickel, '38	10601 South Hamilton Ave., Chicago, IL 60643
F.C. Schneeberger, '25	One Briar Oak, St. Louis, MO 63132
James W. Stephens, '47	Missouri Public Service Co., P.O. Box 11739 Kansas City, MO 64138

STAFF

Frank H. Mackaman	Executive Vice-President, MSM-UMR Alumni Association and Director, Office of Alumni/Development, UMRolla
Larry Allen	Assistant Director, Alumni Activities
Louise Wilson	Admin. Secretary, Alumni/Development
Sally White	Editor, MSM ALUMNUS

MSM-UMR Alumni Association, Harris Hall, UMR, Rolla, MO 65401-9990



It's Time for St. Pat's 75th

Here is proof that at least one alumni family in Indiana still celebrates St. Pat's. Why, even one of our three Bassetts ("Boo") gets into the spirit. (For the humane society, the mug contains only H₂O.)

I am a 1972 graduate with a B.A. in psychology, currently employed as a district manager for Wharfside Restaurants. I am working on my MBA at Indiana University.

Rick Whitten
1215 North Kaley
South Bend, IN 46628

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