

# Missouri University of Science and Technology Scholars' Mine

Missouri S&T Magazine

**Special Collections** 

## Missouri S&T Magazine, February 1981

Miner Alumni Association

Follow this and additional works at: https://scholarsmine.mst.edu/alumni-magazine

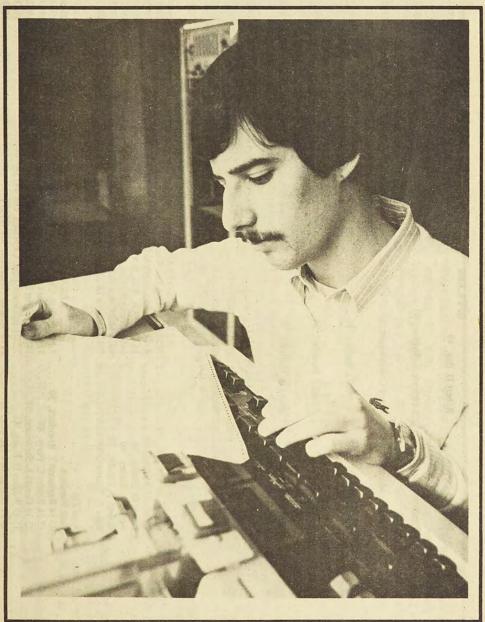
#### **Recommended Citation**

Miner Alumni Association, "Missouri S&T Magazine, February 1981" (1981). *Missouri S&T Magazine*. 329. https://scholarsmine.mst.edu/alumni-magazine/329

This Magazine is brought to you for free and open access by Scholars' Mine. It has been accepted for inclusion in Missouri S&T Magazine by an authorized administrator of Scholars' Mine. This work is protected by U. S. Copyright Law. Unauthorized use including reproduction for redistribution requires the permission of the copyright holder. For more information, please contact scholarsmine@mst.edu.

# MS M Alumnus 10/1/13

University of Missouri-Rolla



Honor Roll Issue

February 1981



VOL. 55, NO. 1

FEBRUARY, 1981

**ROLLA, MO 65401** 

## Annual Alumni Fund . . . 1980-Another Record Year

Gift income is up again! Between January 1, 1980, and December 31, 1980, it totaled \$196,709.72 compared to \$172,672.91 in 1979, \$136,182.48 in 1978, and \$132,121.65 in 1977. Interest income added \$9,106.12 to the 1980 total.

Individuals contributed \$119,019.29 to the Alumni Annual Fund and an additional \$37,564.95 to designated programs. Corporate matching gifts added \$36,600.48 to the Annual Fund and \$3,525.00 to designated programs.

## Where the Money Goes . . .

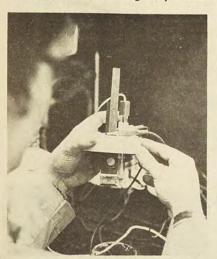
Photographs on the cover and this page illustrate two of the ways funds donated by alumni and friends are used to supplement tax support at UMR.

The cover (and below, right) pictures Paul G. Baldetti, senior in electrical engineering who has received an Alumni Association Special Scholarship. He is shown reading data from a spectrophotometer.

Development Funds (from the Alcoa Foundation and Emerson Electric Company) made possible the purchase of this machine by supplying half its cost of \$30,000. The spectrophotometer measures optical absorbance as a function of wave length for semi-conductor thin film made in the laboratory by graduate student Robert Engelken (below left). Purpose of the project is to develop a low-cost fabrication method of semi conductor film where absorption of solar energy and conversion to electrical energy takes place.

The two photos at right illustrate a student assistants project supported by the Alumni Fund.

Students in an engineering mechanics' materials testing lab (EM-120) are shown (top) taking data on load deformation. These students used to make graphs of the data by hand in order to solve assignment problems. Kim Kimmel (lower photo), under the direction of Professor Myron Parry, developed a program whereby students can now feed the data to a computer and the computer makes the graphs for them to use in solving the problems.





## MSM ALUMNUS (USPS-323-500)

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





## **Alumni Fund Contributors**

1903

HAUENSTEIN, FREDERICK

1907

D FELLOWS, AUBREY P.

1910

U BUDMAN, JOHN W.

1912

GROSBERG, ALEXANDER

1914

SIMRALL, RILEY M.

1916

ADAMS, BERNARD W. MC CARTNEY, WILLIAM H. MILLER, JOHN C. VOGEL, HERMAN H.

1917

D BODMAN, JOHN WARDERICK HAUENSTEIN, FREDERICK TEAS, HOWARD J.

1918

DOENNECKE, HENRY W. WEISER, HANLEY H.

1920

BARNARD, CHARLES R.
BASH, DAVID A.
FORGOTSON, JAMES M.
HEIMBERGER, KARL M.
HOMER, ST CLAIR
HOPPOCK, HARLAND H.
HOWALD, ARTHUR M.
HOWALD, ARTHUR M.
NOLTE, WILLIAM J.
PIETSCH, PETER H.
TERRY, MARK L.
WEISER, HANLEY H.

1921

MILLER, JOHN C. NEEDHAM, ALBERT B.

1922

ACKERS, ALBERT L.
ALCORN, IRWIN W.
ANDREWS, EVERETI P.
BOLT, WILLIAM W.
CASE, WALKER E.
CHRISTNER, GLEN J.
FORGOTSON, JAMES M.
MACHIN, EDWIN G.
MC CARTNEY, WILLIAM H.
WHEELER, JENNIE LENOX
WHITE, FRED P.

1923

ADAMS, BERNARD W.
CAMPBELL, E. TAYLOR
CHOMEAU, HENRI
DORRIS, MILBURN L.
FLESH, DAVID J.
FORD, RAGAN
FRAME, WAYNE S.
GATTS, WILLIAM P.
GIBSON, DODDRIDGE G.
GREGG, JAMES L.
HOOVER, BERT F.
MURPHY, RAYMOND E.
PESOUIT, EDWARD
REMMERS, WALTER E.
RIDDLE, JOHN H.
TEIS, KENNETH R.
WANENMACHER, JOSEPH M.
WHEELER, JENNIE LENGY
WHITWORTH, VIRGIL L.
WILKERSON, AUGUSTUS B.
ZIMMERMANN, DEE
ZOLLER, HENRY E.

1924

ANDREWS, J. LEWIS
BEARDMORE, MARQLD R.
BLAKE, PHILIP L
CASEY, WALTER E.
JETT, JAMES E.
KEMPER, CLAUDE L.
KENTROR, CHARLES B. JR.
KESSLER, HARRY H.
KNIGHT, WILLIAM E.H.
LOVET, ISRAEL H.
REMMERS, WALTER E.
TEAS, HOWARD J.
WRIGHT, WILFORD S.

1925

ATKINSON, MARION L. JR.
BERRY, HUGH R.
BROWNING, BERTIE L.
DAY, ROGER O.
GAGAN, THOMAS F.
GAINES, GEORGE D.
GODWIN, WILLIAM
HAUCK, WILLIAM F.
HEITMANN, ALBERT L.
KUECHLER, ADOLPH H.
MATLACK, FRED P.
NEEDHAM, ALBERT B.
PASLEY, JAMES L.
SCHNEEBERGER, FRED C.
6HAY, DANIEL C.
VALERIUS, CLAUDE N.
WARD, RONALD D.



1980 Rollamo

1926

BIRCHARD, HARRY C.
BRCWNING, BERTIE L.
GAMMETER, ELMER
GAMMETER, ERWIN
GODWIN, WILLIAM
KENNEDY, DANIEL
KITCHEN, CHARLES L.
LINDENAU, EDWARD M.
MC BRIDE, HOLLIS E.
MOORE, JAMES P.
SMITH, C. CABANNE
STAPLES, GUY W.
THOMPSON, BENNET R.
WALKER, JULE H.

1927

BARNARD, ALBERT E.
BASH, DAVID A.
BISETT, DONALD J.
BOBROFF, HARRY A.
BOISMENUE, CLYDE F.
BOISSERT, HARRY F.
CLEARMAN, FREDER GAMMETER, EL MER.
HARDY, JAMES W.
HERRELL, WILLIAM E.H.
KNOX, RICHARD H.
SKY, R. RALPH
MORAN, ENEST
PARSON S. EDWARD W.
PAUL, MURRAY J.
REMMERS, WALTER E.
SEYULER, FRANK K.
SIEVERS, FRANK K.
SIEVERS, FRANK K.
SIEVERS, HAROLD D.
WEISS, CLARENCE B.

1928

BAUMGARTNER, RUPERT P.
BOYER, PHILLIP J.
CRUMBAUGH, DANIEL H.
DONALDSON, JAMES G.
FAULKNER, EDWARD C.
FREEMAN, CHARLES A.
GROSS, HENRY E.
HERMAN, THEODORE
HILL, ALBERT L.
HISTED, HOWARD
HODGDON, SAM D. JR.
MACHIN, WILLIAM B.
MORELAND, HOWARD B.
ROBERTS, GERALD A.
SCHWEICKHARDT, WILLIAM K.
SLATES, BURL Y.
SMITH, J. WARREN
THOMAS, HAROLD D.
WARD, RONALD D.
WEISS. CLARENCE B.

1929

BRY ANT, RUSSELL A.
COIL, BENJAMIN R.
CRAYS, GLENN E.
CRUM, E. JEFFERSON
DITTMER, RUSSELL S.
DRAKE, WILLIAM L.
DRESBACH, CHARLES H.
ENGLISH, THOMAS D.
JOHNSON, CHARLES W.
JONES, HARLOW G.
KEMP, ARTHUR H.
KIRN, EMMET R.
KIRN, EMMET R.
MC CURDY, FRANCIS A.
MONSCH, HENRY D.
MORRIS, ORVILLE W.
MURRAY, LUTHER U.
POTTER, C.J.
SALLEY, CARL L.
SCHUETTE, LOUIS H.

1930

ALEXANDER, VERNE
BEATITY, REN
CLEARMAN, FREDERICK
DAVIS, WILLARD E.
DILLINGHAM, MARION A.
EAGAN, THOMAS E.
GILMORE, WILLIAM M.
GREGORY, MARGUERITE A.
GRIMM, C. JAMES
HARVEY, EDWIN T.
HOEMAN, EWIN C.
JARBOE, JOE R.
JENNINGS, CHARLES H.
KAVELER, KARL W.
KIRKPATICK, HARRY F.
KIRN, ROY S.
MAUNE, ALLEN R.
MEEKA, EDWARD
MORAN, ERNEST
NEAL, KENNETH R.



1980 Rollamo

1930 Cont.

OSTERWALD, HERBERT R.
PAYNE, RICHARD F.
POTTER, C.J.
REGENHARDT, EDWARD T.
SCHEER, HENRY O.
SHARP, WILLIAM T.
SHEARER, ANDREW C.
STONE, S. ALLAN
THOMAS, MYRON F.

1931

BARNES, BYRGN A.
BARCN, ADOLPH R.
BROWNING, BERTIE L.
CONLEY, JACK N.
DONALDSON, WILLIAM E.
EPPERSON, ERNEST R.
GEVECKER, VERNON A.C.
HARRISON, ALBERT
HASSLER, WILBURN
HEILIG, WARREN
HEILIG, WARREN
KIRKPATRICK, RUEL L.
PACE, GEORGE M.
PAGE, GEORGE M.
PAGE, CLIFFORD F.
ROSS, CHARLES E.
SHARP, WILLIAM T.
SPERLING, ELMER J.
THROGMORTON, GCRDON R.
WILHITE, CLYDE E.
WILHITE, CLYDE E.
WILLIAMS, REX Z.
WILSON. HENRY Z.

1932

ANDRES, OTTO M.
BREWER, WILLIAM
BRYANT, RUSSELL A.
CASEY, WALTER E.
CRAWFORD, EDWIN O.
DAVIS, STUART L.
ELSEA, CARL A.
EPPERSON, ER NEST R.
GALLEMORE, WILLIARD A.
GAMMETER, ELMER
GIBBS, HAROLD L.
HALE, EDWARD D.
HOEMAN, ARTHUR
JOHNSON, LEON K.
KAYELER, KARL W.

1933

ACHUFF, CHARLES E. ASHER, VERNON L. BEINLICH, ALFRED W.

1933 Cont.

D BERTHOLD, CLARENCE F.
BRAUN, WALTER H.
BROWN, WILLIAM A.
COGHILL, WILLIAM A.
COGHILL, WILLIAM A.
DOLL, ELLEN W.
DRESSER, THORPE
DUMM, LEE D.
EDGAR, M. RUSSELL
EVERETT, EDRED N.
HARMER, JOHN O.
FEDEROW, HARRY
GIESEKE, ELMER W.
GROSS, BERNARD JR.
HUNZE, CHARLES L.W.
JABSEN, WILLIAM JR.
KACZWAREK, THEODORE B
KAY, WILLIAM JR.
KRATTLY, HOMER W.
LANZ, FRED M.
LEE, BERNARD S.
LENZ, WILLIAM H.
LONG, DON M.
MUSSON, GEORGE H.
WEHRMAN, ALVIN A.
WILLIAMS, APTHUR J.

1934

BRASAEMLE, RAY I.
BROWN, BURAN W.
BRUEN ING, WALTER H.
COGHILL, WILLIAM W.
COLE, ROBERT L.
DOB SON, RICHARD J.
DUNGAN, OSCAR M.
FAGAN, DURWARD E.
FLETCHEN, WILLIAM B.
FORD, HOMOR T. JR.
GADDIS, WENDELL F.
GALLOWAY, JAMES H. JR.
GROSS, HENRY E.
HEIN, ELENOY H.
JOSLIN, LE COMPTE
KRUSE, CLEMENS R.
MC KINLEY, JOHN H.
MC REYNOLOS, ELMER L.
MONTGOMERY, R. GILL
MONTGOMERY, R. GILL
MUNPHY, CHARLES J.
SPEINGER, WILLIAM R.
SPEINGER, WILLIAM R.
SSILWART, THOMAS J.
SULLENTRUP, LEO J.
TUTTLE, LAUREN P.
WESTERFELD, WILFRED W.

1935

ASHER, KENNETH K.
BATES, WILLIAM E.
BRISCH, HERMAN A.
BUCK, ROBERT H.
CAMPBELL, WILLIAM J.
COLMAN, HOWARD B.
COOKE, WILLIAM F. JR.
DANFORTH, WARREN B.
OUTTON, DONNELL W.
EDGAR, MAX E.
EDGAR, MAX E.
ENGLISH, THOMAS O.
GAMMETER, ERWIN J.
HOEMAN, ERWIN C.
HOFFMAN, ERWIN C.
HOFFMAN, ERWIN C.
HOFFMAN, ENIL D.
KAMPER, DLIVER W.
KENNEDY, DANIEL
KNOLL, RUDOUPH J.
KNOLL, RUDOUPH J.
KNOUPMANN, AUGUST P.
MC DILL, WILLIAM H.
MC DONALD, COLLINS H.

MONTGOMERY, R. GILL MURPHY, JAMES J. NOLDE, GEORGE T. JR. RICHARDSON, JAMES K. SOLCMON, RUSSELL C.

#### 1936

ARNOLD, FREDERICK W. JR.
BAPROW, 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.
KIRWAN, ARMONDC J.
MENEFEE, JAMES H.
MICHEL, HILBERT F.
NATIONS, GEORGE O.
PFEIFER, HERMAN J.
PRANGE, ROBERT W.
SCHNALBERT, WILLIAM H.
SCHHALBERT, WILLIAM H.
SCHHALBERT, WILLIAM H.
SCHHALBERT, WILLIAM H.
SPRINGER, ROBERT W.
SPRINGER, ROBERT W.
SPRINGER, ROBERT M.
THOMPSON, HOYT G.
TURK, J. CLAY
WALKER, WILLIAM E. JR.
WOERHEIDE, ARTHUR E. JR.

## 1937

APPLEYARD, FRANK C.
AVES, WILLIAM L. JR.
BARCLAY, ARTHUR H. JR.
BENNER, CHAKLES F.
BOMMER, THEODORE J.
BOSSERT, WALTER F.
BREUER, WALTER F.
BREUER, WALTER F.
BROWN, BURAN W.
CARDETTI, RICHARD J.
CARDETTI, RICHARD J.
CARROLLA, ROSSERT L.
DONNELLY, WARREN L.
GRIMM, DONALD F.R.
HOLZWALTER L.
JONES, WALTER L.
LANGE, ROBERT C.
LUDER, WALTER E.
MATTEI, PETER F.
MC CLANAHAN, ARTHUR L.
MTLLARD, FRANK S.
MODRE, WILBERN T.
POST, SAMUER S.
RODMAN, WILFRED K.
TUTTLE, LAUREN P.
VOGT, FRED K.W.
WILLIAMS, REX Z.
ZVANUT, FRANK J.

## 1938

BALLMAN, EDWARD A.
BLISS, ALLEN D.
CAMERON, CHARLES V.
CARDETTI, RICHARD J.
CARPENTER, FORREST L.
CORNETT, ROY C.
ELLIS, J. CRAIG
FERNANDEZ, HORACIO A.
GALLEMORE, WILLARD A.
GOODRICH, FRANK N.
HOWERTON, JOSEPH W.
JARBOE, RUPERT A.
KAY, WILLIAM W.
KOEPPEL, BEVERLY W.
LANIER, EUGENE B.
LEGRAND, JESSE S.
LONG, JOHN R.
MC CURDY, BELDING H.
MEDLEY, RAYMOND R.

## 1938 Cont.

MILLER, JAMES G. II MORRISON, FREDERICK MUELLER, FREDERICK M. MURPHY, JOSEPH H. NICKEL, MELVIN E. PITTENGER, FRANK H. PITTENGER, FRANK H. ROGERS, RAYMOND H. SPOTTE, IRVIN C. THOMPSON, HOYT G. WRICHT, WILFORD S.

## 1939

BARGER, HUBERT S.
BERTCH, RAE E.G.
BOORKY, MORRIS
BOULSON. CHARLES E.
BROWN, ROY G.
CARTER, ROBERT A.
CLARIDGE, EL MOND L.
DIEFFENBACH, ROBERT P.
DODS, STUART
DRESBACH, CHARLES H.
ELLIGIT, EDWARD E.
ELLIGIT, EDWARD E.
ELLIGIT, HOWARD J. JR.
GRABER, LEWIS J.
GREBLING, FOREST F.
HARSELL, THOMAS J. JR.
GRABER, LEWIS J.
GREBLING, FOREST F.
HARSELL, THOMAS L. W.
HOFFMAN, RAY'E. JR.
JGONSON, E. HERBERT
KENYON, ROBERT R.
KINDD, HAROLD S.
KIRKPATRICK, HARRY F.
KINDEY, CORNELIUS W.
LIVINGSTON, ROBERT G.
LOVE, RICHARD W.
MODRE, JACK W.
MILLER, JAMES G. II
MODNEY, JOSEPH W.
MOSELL, WALIER E.
POHLMANN, EDGAR F.
POST, JOHN R.
REA, WILLIAM R.
RHODES, A.E.
ROARIGS, WILBERT A.
ROE, LAWRENCE A.
ROARIGST, KERMIT A.
SMITH, LEROY E.
SDULIT, JOHN P.
STOJJEBA, THADLEUS S.
SULLIVAN, WILLIAM T.
SSTITH, LEROY E.
SDULIT, JOHN P.
TETLEY, ALBERT L.
VANDERGIFF, WILLIARD C.
WATERS, WADE D.
WEBB, WILLIAM H.
WILLIAMS, ARTHUR J. JR.

## 1940

ALEXANDER, WILLIAM C.
ALFGRD, PEX
BAUMSTARK, WALTER A.
BRAUN, STEVE S.
BROWN, GUY JR.
CAPP, SIDNEY
COTTERILL, CARL H.
DENNIS, BENJAMIN A. JR.
DENNIS, BENJAMIN A. JR.
DONAHUE, JAMES B.
DOWLING, PAUL T.
ENDER SON, WILLIAM A.
FORT, GEOPGE E.
GRIFFETH, THOMAS J.
GUND, RUSSELL A.
HALL, RALPH D.
JACOBS, JAMES H.
KELLEY, RALPH E. JR.
KIDWELL, ALBERT L.
KIESLER, A. JAMES
KLUG, JOHN R.



1980 Rollamo

## 1940 Cont.

LADD, HARLEY W.
LEBER, WALTER P.
LESLIF, JULIJUS C.
MACHMER, FERDINAND G.
MARKLEY, JOHN S.
MILLER, EDGAR S. JR.
MITSCH, GEORGE L.
NIFDLING, IVAN M.
OLCOTT, EUGENE L.
O'NEILL, JOHN J. JR.
PARISH, GERALD A.
PAYNE, LESLIE M.
PARISH, GERALD A.
PAYNE, LESLIE M.
PARISH, GERALD A.
RAYNE, LESLIE M.
PARISH, GERALD A.
RAYNE, LESLIE M.
PARISH, GERALD A.
RAYNE, LESLIE M.
PARISH, GERALD A.
RED, JOHN F.
RIDLEY, ROBEPH E.
REED, LYNN J.
RIEKE, VERNON W.
ROSS, COLIN G.
RUSEFF, EDWARD L.
SHARP, EVERETT W.
SIMONDS, PETER
SMCTHERS, WILLIAM J.
SILWART, FRAIZER M.
STURGES, HERBERT D.
SUMMERS, HUBY
TUCKER, ARMIN J.
WILSON, F. HUGH
YOUNG, WILLIAM P.

## 1941

ADAMS, WASHINGTON
ALSMEYER, WILLIAM C.
ANDREAE, ANDREAS A.
BENNETSEN, WAYNE J.
BLAIR, NORMAN D.
BOURNE, WILLIAM H.
BOYD, ROBERT K.
BOYT, EUGENEP P.
CLARIDGE, ELMOND L.
CLARKSON, CHARLES F.
CLARKSON, CHARLES F.
CCHARAN, ANDREW A.
CRECELIUS, DONALD G.
CCOCKETT, WILLIAM E.
DRESTE, JEROME P.
FALKINGHAM, DONALD H.
FARRELL, EDWARD C.
FICK, ARMIN F.
FALKINGHAM, DONALD H.
FARRELL, EDWARD C.
FICK, ARMIN F.
GARDNER, JOHN W. II
GRISHAM, MARVIN C.
HACKER, ALDEN G.
HARDINE, KENNETH L. JR.
HOENER, FRED H.
JAFFE, DAVID N.
KIND, CARL G.
LAMBETH, JENNINGS R.
LIVINGSTON, KERMIT F.
LOVER IDGE, WARREN L.
MACK, JAMES O. JR.
MCNIZ, GEORGE WARREN L.
MCNIZ, GEORGE WARREN L.
MCNIZ, GEORGE N.
KERNIS, WILLIAM I.
NEVINS, MARVIN C.
PAUTLER, ANTHONY C.
PUETZ WILLIAM N.
PAUTLER, ANTHONY C.
PUETZ WILLIAM N.
SMITH, FLUYD P.
STRAMHUN, JOSEPH O.
WAGNER, JAMES P.
STRAMHUN, JOSEPH O.
WAGNER, JAMES P.
STRAMHUN, JOSEPH O.
WATTENBARGER, CHRIS M.
WYATT. DE MARQUIS D.

## 1942

ALLEN, JOHN C.
AXMACHER, GEORGE W.
BILLINGS, ROBERT G.
BRACKBILL, ROBERT M.
BRADSHAW, GEORGE V.
BROUK, RALPH H.
BUSCH, WILLIAM D.
CASTLEMAN, JOHN H.
CLARK, HUGH M.
CROCKSTON, JAMES
DUMM, LEE D.
DUNHAM, ROBERT M.
FARMER, JOHN D.
FARMER, JOHN D.
FARMER, JULIAN A.
GUILFOY, ROBERT F.
HAAS, HAROLD W.
HILLERY, CHARLES M.
HILLERY, CHARLES M.
HILLERY, CHARLES M.
HILLERY, THOMAS A.
KARBOSKY, JOSEPH T.
KING, WELBY M.
KUEGER, HAROLD A.
KURTI, SAM A.
LOESING, VERNON T.
LYONS, JOHN H.
MAUNE, HAROLD E.
MC CONNELL, WILLIAM F.
MC CHEE, VERNON T.
LYONS, JOHN H.
MLSKOPF, OSCAR M.
NUSKOPF, OSCAR M.
NUSKOPF, OSCAR M.
NUSKOPF, PAUL C.
NEUBER, RALPH L.
NEVIN, JAMES R. JR.
OLSEN, JOHN K.
PAGEL, HERBERT E.



1980 Rollamo

## 1942 Cont.

PEWITT, BION D.
POHL, ROBERT A.
RASSINIER, EDGAR A.
SANDHAUS, EL MER H.
SCHMITT, JOSEPH B.
SCHMITT, JOSEPH B.
SCHOWALTER, KENNETH A.
SCHOWAN, AUSTIN E.
SCHOWAN, AUSTIN E.
SCHOWAN, AUSTIN E.
SCHOWAN, GARL F. JR.
SHOFFER, JAMES W.
SHOCKLEY, GILBERT R.
SMOTHERS, WILLIAM J.
TAYLOR, OTIS H.
TAYLOR, OTIS H.
TAYLOR, OTIS H.
TAYLOR, TO TIS H.
TAYLOR, TO TIS H.
THAYLOR, TO TIS H.
TAYLOR, TO

## 1943

ADAMS, JOSEPH I.
ALLEN, GEORGE W.
AMLIR HAROLD E.
AMLIR HAROLD E.
BERNESON, WILLIAM R.
BELLIST, JOSEPH P.
BIERMANN, JAMES H.
BOUTTOM, JAMES H.
COMMINICATION JOUGLAS N.
COMMINICATION JAMES H.
LAMBELT, GLWARD S.
KENT, WILLIAM H.
JR.
GLOVER, JAMES C.
KALSTEN, RAYMOND O.
KEENTAN JAMES C.
KALSTEN, RAYMOND O.
KEENTAN JAMES T.
KENTAN JOHNSON, JAMES C.
KEENTAN JOHNSON, JAMES C.
KENTAN JOHNSON, JAMES C.
KEENTAN JOHNSON, JAMES C.
KEENTAN JOHNSON JAMES C.
KEENTAN JAMES R.
KERNTAN JAMES R.
KERNTA

## 1944

ADAMICK, HENRY S.
ALLEN, EUGENE K.
BANKS, ROBERT L.
BARNHART, HERBERT D.
BRIDGE, LORRAINE F.
CARMICHAEL, RONALD L.
DES JARDINS, PETER E.
DICK, C. ALFRED

## 1942 Cont.

DIEIZ, ROBERT O.
DOWD, JAMES D.
DUEKER, JAMES E.
GOETEMANN, EDWIN C.
GOSTIN, JAMES D.
GRECO, DOMINIC A.
GRIFFITHS, JOHN W.
HANSEN, J. RICHARD
HEIDENREICH, ROGER H.
HOEMAN, ERWIN C.
ISENMANN, EDWARD S.
KASTEN, PAULR.
KLORER, ROBERT W.
KOZENI, DON K.
LARSON, WARREN L.
MULLER, JAMES R.
MUELLER, FREDERICK M.
MUSHOVIC, PETER
PINGEL, VERNON J.
SCHOOLDT, HANS E.
SCHOOLDT, HANS

## 1945

BLASE, EDWIN W.
BOYD, ROY H.
KASTEN, VERNON L.
KASTEN, VERNON L.
KASTEN, VERNON L.
KANAGUCHI, MAKOTO J.
KOLDE, RALPH E.
MC KELVEY, JAMES M.
DZAMA, JACK K.
SCHMIDT, ROBERT F.
SHANK, EARL M.

## 1946

BURKE, GEORGE E.
CLAYTON, AUSTIN B.
CONNETT, ROBERT P.
FESLER, CARNEY C.
FULLER, JULIAN A.
JONES, RAYMOND B.
MANN, ROBERT L.
MEYER, DONALD I.
DLSEN, OSCAR M.
RASOR, JOHN P.
RUTLEDGE, WILLIAM A.

## 1947

ADRIAN, KENNETH G.
ALLEN. JOHN C.
BRUNS, ROBERT F.
CARRAFOL, GILBERT J.
CARLTON, PAUL F.
COLE, RICHARD E.
CROOK STON, JAMES
DEVINE, ROBERT F.
DUNHAM, ROY H.
EINSPANIER, BERNARD J.
ELLERMAN, WILLIAM E.
FASER, JACK F.
FOGARTY, EDWIN R.
FRITZ, GLENN H.
FRITZ, GLENN H.
FRITZ, GLENN H.
FRITZ, GLENN H.
HENGE, JACK F.
HAMMANN, EUGENE E.
HARNILLE, WILLIS H.
HENKE, ELVIN A.
HENRY, GEORGE E.
JOHNSON, PHILIP D.
JOHNSON, PHILIP D.
JOHNSON, PHILIP D.
KERPER, MATTHEW J.

MSM Alumnus/



NEERRY FRANK F.
LAHMEYER, RAYMOND H.
LAMBELET, CLARENCE A.
LAPIERE, GILBERT H.
LEONE, ANTON
LITTLE, ANTON
LITTLE, ANTON
LITTLE, ANTON
LITTLE, ANTON
LITTLE, ANTON
ROBERT G.
MANSFIELD, HERMAN
MC KINNELL, WILLIAM P. JR
MC KINNELL, WILLIAM P. JR
MC KINNEL, WILLIAM P. JR
MC KINNEL, HILLIAM P. JR
MC KINNEL, WILLIAM P. JR
MC KINNEL, JOHN D.
PERRYMAN, GEORGE I. JR.
PIERCE, THOMAS R.
PIERCE, THOMAS R.
POMEROY, CHESTER M.
POMEROY, CHESTER M.
POMEROY, GEORGE E.
RAY, ROBERT L.
SCHORK, JOHN D.
SHEPPARD, KEITH D.
SHITH, JAMES A.
STEVENS, WALTER I.
STRUNK, MAILAND R.
TAPPMEYER, RONALD A.
TEEL, JOEL H.
WAGNER, GEORGE H.
WEGETE, ROBERT L.
WILSON, JESSE W.
WYLIE, JAMES E.

## 1948

ARMSTRONG, ROBERT J.

AUBUCHON, PIERRER M.

BALKY, JACK S.

BANKS, RALPH
BENN, EDWARD H.

BILLY, JOSEPH H.

BENN, EDWARD H.

BILLY, JAMES B.

CHANFY, MILLEN

CHANFY, MILLIAM

DELLAING, ROBERT F.

DUELER, JAMES F.

ELLIS, WILLIAM A.

FINE, MORRISS M.

FISHER, LAROY W.

FINE, MORRISS M.

FISHER, LAROY W.

FINE, MORRISS M.

FISHER, LAROY W.

FUNK, CAMPBELLHAM T.

GAUEKER, LAROY W.

FUNK, CAMPBELLIAM H.

HELLISON, FLOYD A.

FINE, MORRISS M.

FISHER, LAROY W.

FUNK, CAMPBELLIAM H.

HELLISON, FLOYD A.

FINE, MORRIS M.

FISHER, LAROY W.

FUNK, CAMPBELLIAM H.

HELLISON, FLOYD A.

FINE, MORRIS M.

FISHER, LAROY W.

FUNK, CAMPBELLIAM H.

HOWELSEN, WALTER C.

HARBISON, WALTER C.

HAR

## 1980 Rollamo

1948 Cont. SCHOENEBERG, KENNETH W.
SCHOLZ, ARTHUR E.
SMITH, DAVID G.
SMITH, HARLAN D.
SMITH, HUBERT R.
STOECKER, WILBERT F.
TAPPERSON, ARTHUR JR.
TERRASSON, PAUL L.
TODD, FRED A.
VAN EATON. CHARLES W.
WALKER, RICHARD H.
WATKINS, PAUL A.
WEINEL, ERNST A.
WHANGER, JAMES R.
WHANGER, JAMES R.
WHANGER, JAMES R.
WILKS, JOHN C.
WOLFARTH, TED R.
ZWIRBLA, MICHAEL C.

## 1949

ANDERSON, DOUGLAS
ANDERSON, GEORGE M.
AUBUCHON, EDWARD L.
BAYL, KALTER E.
BAYL, ROBERT D.
BELL, JAMES E.
BENNETT, CHARLES M.
BERNY, JEROMET, ERWIN G.
BOTTER MULLER, CHARLES A.
BRAKENMEISTER, ERWIN G.
BOTTER MULLER, CHARLES A.
BRASSFIELD, HENRY C.
BREEZE, FRANCIS V.
BREEZE, FRANCIS V.
BREEZER, GOY L.
CARNEY, W. DALE
CCARPENTER, GORDON L.
CCARNEY, JAMES B.
CCHANG, JOHN W.
CALLIAM W.
CALLIAM W.
FAULKKER, A. DANIEL
FAULKKER, A. DANIEL
FIELHMAN, MAURICE H.
FOSTER, JOSEPH F.
CGMUH, KENNETH W.
FAULKKER, A.
FAULKKER, A.
FAULKNER, CHARLES W.
FAULKNER, JOSEPH F.
CGMON, BULLIAM W.
FAULKNER, WILLIAM W.
FAULKNER, WILLIAM W.
FAULKNER, JOSEPH F.
CGMON, BULLIAM L.
JONES, SAMP.
KENNETH W.
JONES, JOHN E.
JONES, JOHN E.
JONES, SAMP.
KENNETH W.
MCCALLISTER OLL S.
KNUTSON, ELMO G.
KIMMICK, EDWARD J.
KNECHT, WALTER S.
KNUTSON, ELMO G.
KIMMICK, EDWARD J.
KNECHT, WALTER S.
KNUTSON, ELMO G.
KIMMICK, EDWARD J.
KNECHT, WALTER S.
KNUTSON, ELMO G.
KIMMICK, EDWARD J.
JONES, SAMP.
MCCALLISTER OLL S.
KNUTSON, ELMO G.
KIMMICK, EDWARD J.
JONES, SAMP.
MCCALLISTER OLL S.
KNUTSON, ELMO G.
KIMMICK, EDWARD J.
JONES, SAMP.
PERKO, ROBERT C.
MCCALLISTER OLL S.
KNUTSON, ELMO J.
MILLER, ROBERT C.
PERKO, ROBERT C.
PUFFET T, BETTIJEA NOE M.

## 1949 Cont.

REILLY, JOHN G. JR.
REINKFNSMEYER, NORMAN W.
REISS, JOSEPH J.
REMINGTON, CHARLES R. JR.
RICE, D. PAUL
ROSS, CHARLES J.
ROWLEY, KERMIT G.
SARZIN, JULIUS L.
SCHULEY, LEGNAPD L. JR.
SEVICK, JOSEPH G.
SIEGEL, WILLIAM A.
SEVICK, JOSEPH G.
SIEGEL, WILLIAM A.
SIEGEL, WILLIAM A.
SIEGEL, WILLIAM A.
STAUDENHOFER, JACK
STRUBERT, JOEN.
STAUDENHOFER, JACK
STRUBERT, JOEN.
STAUDENHOFER, JACK
TANNER, PAUL E.
TELTHORST, HAROLD M.
TANNER, PAUL E.
TELTHORST, HAROLD M.
TINDALL, ROBERT F. JR.
TINDALL, ROBERT F. JR.
TINDALL, ROBERT F.
VAN MAERSSEN, CITOL.
VAN MAERSSEN, CITOL.
VAN MAERSSEN, CITOL.
VAN MAERSSEN, COTTOL.
WERNER, EDWIN J.
WHANGER, JAMES R.
WISSEL, CHARLES K.
WITHOW, HAROLD J.
YOCHUM, ROBERT J.
YOUNGS, LLDYD P.

## 1950

ALLEN, HARRY W.

ANDREASEN, RALPH A.

ANDREASEN, DANIEL R.

BACH, WILBERT E. JR.

BACH, WILBERT I.

BACHON, ALEXANDER H.

BARTELS, EUGENE A.

BARTELS, EUGENE A.

BARTELS, EUGENE A.

BARTELS, EUGENE A.

BARTELS, LAURELD G.

BERGER, LAURELD G.

BERGER, LAURELD G.

BERGER, VERNON G.

BLOCME, ROBERT I.

BROJE, GEORGE J. R.

BROJE, KENNET W.

BROJE, KENNET W.

BREUER, D. CHARLES E.

BREIDER, C. CHARLES E.

BRINKMANN, ROBERT W.

BULLA ROBERT W.

BULLA ROBERT W.

CCASTBLEI, LAURUST V.

CCHAMN, WILLIAM W.

CCHAMNO, WILLIAM W.

CCHAMNO, WILLIAM W.

CCHAMNO, WILLIAM W.

CCHAMNO, W.

CCHAMNO,

## 1950 Cont.

## 1950 Cont.

TINDALL, ROBERT F. JR.
TRIANDAL, JOHN
TUNNICLIFF, CLARENCE J.
UNSELL, VESTER B.
VAN NORT, JOHN R.
VOGLER, AUGUST J. JR.
WAGNER, BERNARD C.
WALKER, WALTER W.
WARFIELD, RAYMOND A. JR
WEGENER, WILBERT F.
WEINGAERTNER, JOHN W.
WESTERN, FREDERICK C.
WILSON, GLENN E.
WOLFRAM, RALPH E.
WOLFRAM, HARDLD R.
WUNNENBERG, DONALD A.
YOCHUM, KENNETH H.
ZERWECK, CARL E. JR.
ZIEMBEL, WILFORD R.
ZIEMBEL, WILFORD R.

## 1951

ANDERSON PHONE PARENT P



1980 Rollamo



1980 Rollamo

KLEINE, CHARLES F.

KNIGHT, GEORGE L.

LARSON, EUGENE P.

LEHMANN, CHARLES F.

MCL KEE, WILLIAM D.

MIDDOUR, FLDRIDGE S.

MONTGOMERY, DONALD D.

MONTGOMERY, DON F.

OLDENBURG, TED J.

O'NEIL, JOHN J.

PAGRISH, PAUL S.

PARRISH, PAUL S.

PARRISH, DAVID D.

PENDER, NABERT J.

PARRISH, DAVID D.

PERRYMAN, JOSEPH E.

ROBBER, DONALD L.

ROBBER, DONALD L.

ROBBER, DONALD L.

ROBBER, DONALD L.

SCHALLIA, BILLIAM E.

SCHALLIA, BROBERT W.

SCHALLIA, BROBERT W.

SCHALLIA, BROBERT W.

SSEDALIA, BROBERT J.

SSEDALIA, BROBERT J.

SSEDALIA, BROBERT J.

SSEDALIA, BROBERT J.

SSELVER, MILLION A.

SILVER, MILLION A.

SILVER, MILTON A.

## 1952

ALVARADO, FRANK I.
BALLASS, JOHN T.
BASLER, FRANCIS S.
BAUER, RICHARD H.
BILHEIMER, E. LEE
BIRK, KENNETH L.
BOYLE, JAMES R.
CALCATERRA, EDWARD L.
CHORNEY, PETER L.
CHORNEY, PETER L.
COODER, RICHARD G.
COOY, WILLARD E.
DELUCCA, MICHAEL JR.
DELUCCA, MICHAEL JR.
DRUMMOLY, JAMES R.
FERGUSON, WALLACE
FINKLANG, JOHN W.
FEREIBERGER, HAROLD C.
GEERS, JOSEPH H.
HAUSMANN, PAUL L.
HAUSMANN, PAUL L.
HAUSNER, PAUL H.
HEILICH, RAYMOND P.

## 1952 Cont.

HILLHOUSE, DAVID L. C.
HILLHOUSE, DAVID L. C.
HOCKENBURY, MEIEF H.
HOLDMAN, LESLIE H.
HOLDMAN, LESLIE H.
HOLDMAN, LESLIE H.
HOUSEY, WALLACE H.
HORST, WALLACE H.
HORST, WALLACE H.
HORST, PAUL L.
JACKSON, WAYNE D.
JR.
KADNAR, H. CHALMERD H.
KKUCHER, SICHARD H.
KKUCHER, CONTROL JR.
MATSON, DON DO. D.
MATSON, DON DO. JR.
MASCHEL, JOHN F.
MAC INTYPE, JOHN F.
JR.
MESCHAL, JOHN F.
MESCHAL, JOHN F.
MILLIAMS, ROBERT M.
PONDER, ROBERT M.
PONDER, ROBERT M.
PONDER, ROBERT P.
SCHICKEY, WASSELS R.
RICKHARDS, TURLOR MAR R.
SCHICKER, DIRCKE MAR R.
STICKLEY, WASSELS R.
STICKLEY, WASSELS R.
TARR, COLARENGER F.
VANCERHEYDEN, GERE.
WALLIAMS, PONDER F.
VANCERHEYDEN, GERE.
WALLIAMS, DERNIES.
WALLIAMS, DERNIES.
WALLIAMS, DERNIES.
WALLIAMS, DERNIES.
WESTERMAN, LERNY W.
WHEELOCK, LERNOR W.
WHELLIAMS, DERNY W.
WHELLIAMS, DERNY W.
WILLIAMS, PORT WA.
WILLIAMS

## 1953

ACHTERBERG, ERNEST R.AUGUSTSON, LUTHER B.
BARTON, C. DEAN
BENDER, JOHN H.
BERRY, CHARLES A.
BLOESS, JUERGEN J.
BOYD, MARVIN W.
CARL, RALPH W.
CRANE, HAROLD R.
CREAMER, EDWARD L.
DILL, EARL R.
EDWARDS, GENE W.
EDWARDS, GENE W.
ELOUD, JOHN O.
FLOOD, WALKER L.
FREBBERSYSER, GEORGE J.
GJELSTEEN, THOR
HANSEN, PETER G.
HAYNES, MYRON B.
HEEGER, CHARLES H.
HEINECK, DALE W.
HOLLAND, RICHARD O.
HOWE, BERNARD F.
JENKINS, ROBERT D.
JONES, VERNON T.
JONES, VERNON T.
JOST, ROBERT D.
KALISH. HERBERT S.

1953 Cont.

KATZ, MANFRED
KENT, NEVADA A. III
KNEAREM, JAMES L.
KNOBEL, ELWODD L.
KOEDERITZ, THOMAS L.
KRONMUELLER, WILLIAM W.
KUSTER, RALPH L. JR.
LABCUFF, GERALD J.
LANG, FUGENE A.
LEF, WALTER
LIPENSKY, MILLIAN
MASON, J. LLOYD
MC BETH, JOSEPH D.
MONTGOMERY, R. GILL
OBERS CHELP, WILLIAM F.
PART ROSON, WILLIAM F.
PATTERSON, WILLIAM E.
PRICKETT, LLOYD C.
QUATRARO, WILLIAM E.
ROBBENTS, JAMES F.
RUPPERT, THEODORE A.
SCHAFF, FRED
SMITH, BERT L.
SCHAFF, FRED
STROMBECK, EUGENE E.
THOMPSON, JAMES E.
TOPEL, NAURICE R.
VIENHAGE, ROBERT P.
WAGNER, FREDERICK R.
WILLIS, HENRY R.

## 1954

ACETO, WAYNE M. ACETO, WAYNE M. ALBURITS, CLARENCE I. ANDERSON, SEARLES I. BURGETT, MAX. COLE, KENNETH D. CUSTEAD, JERRY R. DOWELL, JACK B. GEVECKER, ROBBERT V. GROULD, DAVID B. JR. HORLINE, ROBERT A. HUBELI, JAMES A. JR. HORLINE, ROBERT A. HUBELI, JAMES A. JR. JONES, JAMES A. JR. HUBELI, JAMES A. JR. JONES, JAMES A. JR. JAMES A. JAMES A. JR. JAMES A. JAMES A. JAMES A. JR. JAMES A. J

## 1955

ANDERSON, JAMES S.
ARCHER, DAVID W.
BAEBLER, ARTHUR G.
BAKER, CHESTER H.
BARCO, SAMUEL U.
BARNDS, CAMPBELL C. III
BENING, ROBERT G.
BOZE, RALPH E.
BROADDUS, WAYNE R. JR.
CCHASTAIN, WILLIAM R.
CORCORAN, THOMAS A. JR.
CCRUSE, RICHARD L.
DAVIS, RALPH T. JR.
DELANKY, JOHN F.
FRANKLIN, JAMES M.
FRIEDERICH, GARLAND C.
GESSLEY, DONALD
GILLIAM, DALE D.
HALLETT, WILLIAM M.
HASLETT, GERALD W. JR.
HEAVIS, RICHARD L.
KAISER, RICHARD L.
KAISER, RICHARD L.
KAISER, RICHARD L.
KAISER, MARLIN F.
KUMMER, DONALD L.
KNIEGH, MAR DONALD L.
KNIEGH, MAR JIN F.
KUMMER, DONALD L.
KNIEGH, MAR JIN F.
KUMMER, DONALD L.
MADDOX, ARNOLD W.
MAR TIN, ROBERT J.
MC CARTHY, JOHN M.
MC MORRIS, WILLIAM L. II
MILLER, CHARLES E.
NYMAN, CONSTRUCT
MARTIN, ROBERT B.
PADAN, JOHN W.
PFAFF, RAYMOND E. JR.
POWELL, V. LEE
PRAGER, MARTIN
RAY, HERMAN A.
SCHLENSKER, JOHN A.
SCHLENSKER,

1955 Cont.
STANHOPE, RICHARD D.
STIMSON, WILLIAM R.
TUCKER, PAUL B.
VAUGHN, CHARLIE F.
WEBSTER, ROYAL S. JR.
WEITZEL, CHARLES A.
WOLFF, LEONARD C.

## 1956

ALTHEIDE, CHARLES R.
BAUMGARTNER, GEORGE R.
BENTILLA, KENNETH R.
BOYD, VIRGIL E. JR.
BRAWLEY, JOHN M.
CHAPMAN, DALE E.
DOE, BRUCE R.
ELLIS, ELMER
GILLHAM, RONALD F.
GRINSTEAD, WILLIS G.
GRUVER, ROBERT M.
HART, NORMAN E.
HAUBEIN, WENDELL L.
HERNDON, RICHARD S.
HORTON, H. ROBERT
HUGHES, RICHARD A.
JOHAN BOEKE, ROY B.
JUNES, BILLY R.
JUSTUS, RICHARD F. JR.
KEBEL, HARLAN L.
KCHLER, KLAUS M.
MC CLURE, R. MAX
MC RALES AGUILAR, VICTOR
MURPHY, JAMES M.
MC CLURE, R. MAX
MC RALES AGUILAR, VICTOR
MURPHY, LARRY L.
REMMERS, E. PAUL
RESER, DONALD E.
RUDOL PH, ALLEN H.
SCHMITTOU, CLAY J.
SCHMITTOU, CLAY J.
STATIER, KENNETH F.
SCHMITTOU, CLAY J.
STETER MARNOND H.
THOMPSON, LEROY E.
UNNERSTALL, JAMES A.
WILLIAMS, DON E.
YANCIK, JOSEPH J.
YIANNOS, PETER N.

## 1957

ALEXANDER, WILLIAM
ANDERSON, JOHN R.
ASTROTH, LOUIS E.
BAECHE, AUGUST A.
BAKER, CHARLES R.
BAKER, CHARLES R.
BAKER, DAVID W.
BERG, DAVID W.
BERG, DAVID W.
BERG, DAVID W.
BOWERS, DONALD R.
CLODFELTER, GENE G.
COUNCE, JAMES M. JR.
CLODFELTER, GENE G.
COUNCE, JAMES M. JR.
DAVIS, GARY W.
DAVIS, GARY W.
DAVIS, GARY W.
GADDY, HAROLD D.
ELLIS, WALTER H.
GADDY, HAROLD D.
GIFFIN, BILLY W.
GADDY, HAROLD D.
GIFFIN, BILLY W.
GADDY, HAROLD D.
HENGEL R.
HUMPHREY, RICHARD L.
KECK, DAVID D.
KREDER, KERMIT R.
MATZ, ALEXANDER H. JR.
MATZ, GILBERT F. JR.

1957 Cont.

PENDLETON, RICHARD L.
PYLE, ELMER G.
REUSS, LLOYD E.
ROUSH, PHILIP S.
SCHNEIDER, ROBERT W.
SCOTT, ROBERT J.
SEGELHORST, ALFRED E.
SLATES, ELMER F.
SOPER, WILLIAM S.
STEVENS, D. JEANNE
STOLL, JOE A.
TANQUARY, CLIFFORD C.
TROUTNER, JOHN R.
VENABLE, WILFORD G.
WARREN, ROBERT B.
WEBB, ROBERT B.
WENTZ, CHARLES A. JR.
WILLIAMS, RUSSELL E.
ZOOK, RAYMOND D.

## 1958

ANDREAS, WAYNE E.

ANTHA, LARRY C.

CAPPS, ROBERT D.

CORRELL, HOWARD D.

COX, LEN, MICHAEL J.J.

COX, LEN, MICHAEL J.J.

COX, LEN, MICHAEL J.J.

COX, LEN, MICHAEL J.J.

DAJANI, WALIO Z.

DAJANI, WALIO Z.

DAJLY, GARY R.

DAY, WILLIAM B.

DYE, WILLIAM B.

JR.

GERWERT, PHILIP E.

GREGORY, DONALD BETH M.

HARDEBECK, HARRY

HARRIS, DABLE W.

HEAD, ELDON W.

HEAGNANDANI, HARDS F.

HARRIS, DALE W.

HEAGNANDANI, ROBERT W.

JCHNSON, JAMES W.

KOWIS, HARRY

MINTERY, DONALD R.

MILLER, PAUL W.

MINDESTIT, DONALD E.

MINDER, FREDDY L.

MUDDGER, PAUL W.

NORTHUP, WALLMAS J.

NORTHUP, WALLMAS J.

PEST, EDWARD J.

SCHIERMEIER, JOHN J.

SCHIERMEIER, POBERT W.

SCHIERMEIER, ROBERT W.

SCHIERMEIER, POBERT W.

SUUDON, JAMES N.

SUUTION, DAVID WA.

TAYLOR, PAUL W.

VITEK, RICHARD M.

WEGENER, RONALD F.

VITEK, RICHARD M.

WELENS, POBERT W.

SUUTION, DAVID WA.

VITEK, RICHARD M.

WEGENER, RONALD E.

WINTER, RICHARD M.

WEGENER, RONALD E.

WINTER, RESTER H.

WITHROW, KERRY F.

WOUNG, RALPH

WEGENER, RONALD E.

WINTER, KERSTER H.

WITHROW, KERRY F.

WOUNG, RALPH

WEGENER, RONALD E.

WINTER, KERSTER H.

WITHROW, KERRY F.

WOUNG, RALPH

WEGENER, RONALD E.

WINTER, KERSTER H.

WITHROW, KERRY F.

WOUNG, RALPH

WEGENER, RONALD E.

WINTER, KERSTER H.

WITHROW, KERRY F.

WOUNG, RALPH

WEGENER, RONALD E.

WITHROW, KERRY F.

WOUNG, RALPH



1980 Rollamo MSM Alumnus/5

ADAMS, JOHN C.

AUBERRY, WILLIAM D.

BAUM, FRANK L. JR.

BAYLESS, JERRY R.

BERKEL, JAMES A.

BITZER, DAVID B.

BOLGN, LUCIEN M. JR.

BOXDORFER, ROBERT L.

BRAMON, GERALD A. JR.

BROWN, DONALD E.

CAIN, CLARENCE JR.

CAVALIER, FRANK D.

CAVALIER, FRANK D.

CAVALIER, FRANK D.

COURSON, LEF R. JR.

CONNISON, WILLIAM F.

DENNISON, WILLIAM F.

DENNISON, WILLIAM F.

DENNISON, WILLIAM F.

HARRIS, DALE W.

HOFFMAN, JAMES P.

HELLER, ENRIQUE S.

HUDGENS, LOWELL L.

HUMPHREY, ELBARD L.

HUMPHREY, EDWARD E.
HUMPHREY, KICHARD L.
ITSCHNER, EMERSON C.
JANES, FRANK E.
JOHNSON, GORDON E.
JOHNSON, PHILIP R.
KENNEDY, RALPH C.
KESSLER, HARRY H.
KIEFFER, ALONZO R. IIII
KOEDERITZ, EUGENE H.
KOHLER, KLAUS M.
KRUEGER, HARRUD A.
LAWSON, NEAL L.
LUTZHARSKI, EDWARD A.
LAWSON, NEAL L.
LUM, HARRY K.
LUTZH, H. JOHN
MADIGAN, DENNIS D.
MATTINGLY, RAYMOND C.
MC HAFFIE, GERALD T.
METCALF, GERALD T.
METCALF, GERALD T.
MITCHELL, JOHN F.
MORGAN, GEORGE H.
NEUMEIER, LEANDER A.
OBERLANDER, RICHARD K.
PUGH, JAMES E.

PUGH, JAMES E.

PUNTNEY, ALBERT W.
RATLIFF, JOHN L.
REICHERT, JOSEPH F.
ROBINSON, MARQUIS B.
RUESTER, JOEL S.
SCHARP, JOEL S.
SCHMIDT, E. ROBERT JR.
SCHNEIDER, CHARLES S.
SCHCONVER, CARL R.
SCHWACHER, CARL R.
SCHWALB, BILLY L.
STAURD, CHARLES G.
SOULT, JOHN P.
SPRUILL, VICTOR F.
SWANSON, KENNETH A.
TACKETT, CHARLES E.
TATE, CHARLES F.
THOMPSON, BILLY J.
VOLKER, RONALD Y.
WALLACE, CHARLES E.
WARMAN, STANLEY
WEIMHOLT, JAMES E.
WENTZ, CHARLES A. JR.

WENTZ, CHARLES A. JR. WEST, HARRY E. WIEKER, RICHARD H. WOOD, WILLIAM S. WYMAN, GERALD R.

ADAMS, HUBERTI L.

ALYEA, JERROLD M.

ATHAR, LARRY CODN W.

BARTLETI, SERVIVORN GER.

BARTLETI, SERVIVORN GER.

BELNEY, ROBERT YNE J.

BELNEY, PAUL WARROLL M.

BOSTON, LOE F.

CARLTON, JOE F.

CARLTON, JOE F.

CHAN, DOWNER, NOTH H.

COARBIN, KENFTH R.

DONALDSON, WILLIAM E.

DELENEY, FRUILLIAM J.

COARBIN, KENFTH L.

DONALDSON, WILLIAM J.

GILDERT, WILLIAM J.

GILDERT, WILLIAM J.

GILDERT, JERRGE H.

GUSTAFSON, JERRGE H.

GUSTAFSON, GERRE.

HAARTS, ALPHARRY C.

HAARRIS, GORMEN H.

GUSTAFSON, GENRE E.

HAARRIS, GORMEN H.

GUSTAFSON, GENRE E.

HAARRIS, ROBBERT G.

KUSTAFSON, GORMEN H.

GUSTAFSON, GORMEN H.

JACOB, JONALD D.

KENT ES.

GUSTAFSON, GENRE E.

HAARRIS, ROBBERT G.

KIEFSER, ROBBERT G.

KIEFSER, ROBBERT T.

KUSTAF, ROBBERT T.

KUSTAF, GORMEN H.

JACOB, JOHN R.

KEFFER, ROBBERT T.

KUSTER, HARROLD W.

KUSTAF, JOHN R.

KLESBBA, KENNETH T.

KUSTER, MERRIERT T.

LOEDS, JOHN R.

KLEMKE, MERRIERT A.

LOOS, JOHN H.

LOEDS, JOHN H.

MC DANIEL, DAVID C.

MEDLEY, PAUL B.

MC DANIEL, DAVID C.

MEDLEY, PAUL B.

MC DANIEL, DAVID C.

MEDLEY, PAUL B.

MERTL, EUGENE E.
MOIT, DANIEL D.
MOIT, DANIEL D.
MONTGOMERY, THOMAS S.
MOYERS, GERALD E.
MUNSELL, B. DOUGLAS
NEUMEIER, LEANDER A.
ODENDAHL, LEO A.
ODENDAHL, LEO A.
ONENDETUSS, RICHARD H.
PENDLETON, KENNETH I.
PENNING, THOMAS F.
PRICE, DAVID E.
PRIESMEYER, WILLIAM F. JR.

PRIESMEYER, WILLIAM F
RATLIFF, JOHN L.
RAY, RUGENE E.
REILLY, WILLIAM J.
REYNOLDS, MAURICE M.
RIZER, GENE C.
SCOFIELD, GENE L.
SCHOCKLEY, GILBERT R.
SHITH, BERT L.
SPEIDEL, ROWARD D.
STEINMANN, WALTER D.
STEIMARN, JAMES P.
SWATTZ, GLENN I.
TAYLOE, LEO F.
TESTERMAN, ROY L.
TODD, LAMAR S.
URBAN, ROBERT J. JR.
VACCA, HERMAN L.
VAN GROUW, MARTIN P.



1980 Rollamo

## 1960 Cont.

VANSANT, CARL A.
VOLKER, RONALD E.
WAGENHEIM, NEAL T.
WALKER, PAUL M.
WALTERS, JAMES T.
WATSON, FRANK
WEISENSTEIN, KENT
WESCOAT, WILLIAM H. III
WHELAN, RAYMOND A.
WOOD, KENNETH W.
YANCIK, JOSEPH J.

## 1961

AMSLER, LARRY C. ANNIS, DONALD J.

JOOD DE STITIERER, N. F. GEARNENSRY, RECUELLUS GERANDON, RECUELLUS

## 1962

BAKER, JAMES L.
BAYLESS, JERRY R.
BEDNAR, CHARLES J.
BINZ, DONALD P.
BRADY, FRANCIS J.
BROCKHAUS, ROBERT H.
BUCKROD, GARY J.
BUSCH, RAY E.
CHENG, AYLMER P.
COYLE, R. TOM JR.
CULNAN, PATRICK D. JR.
DAVE, BHALCHANDRA T.
DUVALL, H. PAT
EINSEL, MILLER D.
ELFRINK, LINDELL H.
ERICKSON, WILLIAM C.
FARNHAM, ARTHUR H.
FISCHER, DAVID E.
FLANIGAN, VIRGIL J.



1980 Rollamo

## 1962 Cont.

GAERHAM, JAHNER B.

HAMKIS, LIERDY, MILLIAM B.

HAMRIS, LIERDY, MILLIAM B.

HERFALAR B.

HERFALAR B.

HERFALAR B.

HERFALAR B.

HERFAL B

## 1963 Cont.

FARMER, JOHN O. III
FEHSENFELD, GARY D.
FULCHER, DALE.
GLASSEL, CLIFFORD
HARIMAN, JAMES P.
HENDERSON, GERALD E.
HERRON, GEORGE F.
HERSHEY, HARRY C.
HOWELL, ROBERT C.
HOWELL, ROBERT C.
HUSTON, ROBERT E.
IBRAHIM, MOHAMMAD A.
JAEGNAY, RICHARD A.
JAUER, RICHARD A.
JAUER, RICHARD A.
KAHL, RICHARD A.
KAHL, RICHARD A.
KIRBY, JAMES R.
KNOPP, JOHN V.
JETT, CLIFFON R.
KNOCH, JEDNUND O.
KOESTER, ROBERT D.
KOESTER, ROBERT D.
KOESTER, ROBERT L.
LANGANGER L.
LAYLANTE, ROBERT L.
LAYLANTE, ROBERT L.
LAYLANTE, ROBERT L.
LOVERIDGE, JOEL F.
MACHMEIER, PAUL M.
MARTIN, WADE A.
MATTIEI, PETER F.
MILLER, THOMAS F.
MILLER, THOMAS F.
MILLER, THOMAS F.
MILLER, THOMAS F.
MARTIN, WADE A.
MATTIEI, PETER F.
MILLER, THOMAS F.
MILLER, THOMAS F.
MILLER, THOMAS F.
MILLER, THOMAS F.
MARTIN, WADE A.
NORTHCUTT, MARICE L.
OTTEN, PETER E.
PACKHOOD, DONALD L.
PATEL, WILLIAM J.
RICKARD, M. DAVID
ROBBETSON, ROBERT H.
SCHARTON, LONGLAS A.
REILLY, WILLIAM J.
RICKARD, M. DAVID
ROBBETSON, GLERN R.
SCHAEFER, SETH C.
SEHL, EUGENE JR.
SHALTON, LONGLAS A.
SCHAEFER, SETH C.
SHALTON, LONGLAS A.
STEVENSON, GERAT H.
SMAJDR, EDWARD A.
LOVARDON, GERAT H.
LO

## 1963

ALLEN, LOUIS B. JR.

AMSLER, LARRY C.

ANDERSON, JOHN H.

ARMS, ROBERT L.

BAKER, MERL

BARTILING, DONALD L.

BAUMBACH, DALE M.

BROWN, DALLAS L.

BRUNS, MARTIN T.

BUCK, RICHARD L.

BURTON, ROBERT R.

CARRIERE, SCOTT H.

CCHRISMAN, JAMES W.

CLARK, DENNIS A.

CLEMENTS, JOHN L.

CLEMENTS, JOHN L.

CCCCHRAN, ANDREW A.

CRADER, HAROLD W.

DAVERNHEIM, WOODY D.

DAVID, EDWARD G.

DEL PRETE, ANTHONY JR.

DENZEL, JEROME A.

DIEMER, CHARLES F.

DOWLING, PAUL T.

DRESSEL, THEODORE H. JR.

## 1964

ALEXANDER, CHARLES F.
ALLEN, LOUIS B. JR.
ARZABE, HUMBERTO Q.
ASHLEY, CARL G.
BAILEY, KEITH E.
BARTEL, DONALD S.
BEEGLE, DONALD W.
BIERMAN, SHELDON L.
BRONSON, FRAZIER L.
BUESCHER, ALFRED J.
BUESCHER, GENE E.
CAMPBELL, CHARLES E.
CAMRIERE, SCOITH.
CHERVITZ, JERROLD
CHRONISTER, THOMAS G.
CORWIN, ROBERT F.
CUSHMAN, ROBERT F.
CUSHMAN, ROBERT L.
DANIELS, WILLIAM H.
DAVE, BHALLGHANDRA J.
EDWARDS, HARRY K.
ELLEBRACHT, CLARENCE A. JR.
ELLIS, WALTER H. JR.

EVANS, DONALD L.
FEHSENFELD, GARY D.
FERRELLE, C. STUART
FOURNELLE, RAYMOND A.
GARDNER, DONALD T.
GARLICH, THOMAS K.
GLAESE, JOHN R.
GRAY, WILLIAM R.
GRAY, WILLIAM L.
HILL, JAMES L.
HOLKENBERG, WILLIAM L.
HOLKAND, GARYY R.
HOLKENBRINK, MICHAEL H.
HOLKAND, GARYY R.
HOLLEY, ROBERT G.
HOPPE, GERALD P.
HUDELSON, JOHN R.
HUTAURUK, KARTINI
JACOBS, WILLIAM A.
JOHNSON, JERRY G.
JOHNSON, JERRY G.
KING, FRANK W. III
KRAUS, RONALD W.
KANDEGER, KENDETH B.
KUHLMAN, WILLIAM H.
LAMONT, DONALD W.
KRUEGER, KENDETH B.
KUHLMAN, WILLIAM H.
LAMONT, DONALD W.
LAROSE, T. HARREL L JR.
LEBER, WALTER P.
LEWIS, DAVID M.
LIMBERG, JOHN M.
LAMONE, WILLIAM M.
MARTIN, CARL D.
MALONE, WILLIAM R.
MC CAULEY, RONALD A.
MC CAULEY, RONALD A.
MC CAULEY, RONALD A.
MC CAULEY, RONALD A.
MILLS, CHARLES S. JR.
MOCHEL, WILLIAM R.
MORRIS, MARK W.
MUNS, BENNETT L.
MC CAULEY, RONALD A.
MILLS, CHARLES S.
JR.
MORRIS, MARK W.
MUNS, BENNETT L.
OMBALSKI. STEPHEN JR.
PARKINSON, LARRY D.
PARKINSON, LARRY D.
PARKINSON, LARRY D.
PARKINSON, LONNIE J.
PARKINSON, LONNIE J.
PARKINSON, CHOON K.
RABER, RICHARD F.
RANEY, EDWAND M.
REINHEIMER, CHARD L.
SCHMIDT, RICHARD L.
SCHMIDT, ROMALD C.
WILLS, CHARGE W.
TERFFINGER, CAAIG A.
VOORHIY, LEWIS CR.
FINGER, CAAIG
VOORHIY, JOHN H. JR.
WULLIAMS, RONALD R.
WILLIAMS, RONALD R.
WILLIAMS,

## 1965

ADAMS, JOSEPH T.
AGRAWAL, ARUN K.
ALONGE, NICHOLAS J.
ARNOLD, RICHARD I.
AUBRECHT, LADIMIR J. JF
BARR, RALPH S.
BASS, PAUL J.
BERGT, DAVID E.
BERSETT, GERALD W.
BICUNAS, JOSEPH D.
BICUNAS, JOSEPH D.
BOAZ, JAMES K.
BRANUM, WILLIAM H.
BRUNE, PETER A.
BRUNNER, GARY D.
BUGG, DONALD A.

## 1965 Cont.

BUGG, STEPHEN F.
BUTLER, JAMES L.
BYINGTON, MARYIN L.
CHIN, PHILIPS C.
CLINE, JOHN L.
COUNNING HAM, JAMES R.
DABNER, M. KIM
DAVID, D. DAN JR.
DEKEN, LOUIS R.
DOLF, ROGER HALL.
JR.
GAYLORD, THOMAS K.
GIGER, D. FRANKLIN JR.
GAYLORD, THOMAS K.
GIGER, D. FRANKLIN JR.
GODDMAN, DANIEL K.
GODDMAN, JACK
HELL, WIGHT T.
HAMMEN, B. DENNIS
HABBEICHT, W.
HABBEICHT, W.
HABBEICHT, BORNAS
HABENTON BORNAS
HOFFMAN, DAVID J.
HOHMAN, JOE A.
HOLEN, DOUGLAS E.
HENERY, BARRY S.
HOFFMAN, DAVID J.
HOHMAN, JOE A.
HOLEN, DOUGLAS E.
HRASTICH, THOMAS A.
HUAST, DONALD W.
HUAST, DONALD W.
HUAST, DONALD W.
LU, HARMES R.
KASTERPHEN K.
LILLIER, RAMNOND O.
KASTILER, RAMNOND O.
KASTILLER, RAMNOND O.
KASTILLER, RAMNOND O.
MARTIN, CHARLES R.
MILLER, THOMAS F.
MUNSON, WILLIAM F.
MILLER, THOMAS F.
MUNSON, WILLIAM F.
MUNSON, WILLIAM F.
MILLER, THOMAS F.
MUNSON, WILLIAM F.
MILLERS, ARTHUR
NICKLESS, ARTHUR
N

MYRICK, CHARLES R. IIII
NICKLESS, DARRELL M.
OHMS, EDWARD J.
O'KEEFE, THOMAS J.
PACKWOOD, DONALD L.
PASEK, THEODORE D.
PEIRSON, ROBERT C.
PEIRSON, ROBERT C.
PERDLETON, RICHARD L.
PERESZTEGY, LAJOS B.
PICKER, MELVIN L.
PRICE, WILLIAM J.
PROVINCE, E. EDWARD JR.
RANKIN, LARRY V.
RIGGS, W. ROBERT
RINEY, CHARLES W.
ROE, CERALD J.
ROE, LAWRENCE A.
RYAN, ROBERT J.
SCHMITT, KARL J.
SILVERS, PAUL L. JR.
SILVERS, PAUL L.
SILVERS, PAUL L.
SILVERS, PAUL L.
STICKLER, ROBERT L.
SUNKEL, THOMAS M.
SUTHIPASNARUPON, A.
TERRY, RICHARD L.
THIEDE, ALFRED J.
THOMAS, DONALD O. JR.
THOMAS, DONALD O. JR.



## 1965 Cont.

TOEDTMAN, CHARLES H.
TOWERS, TERENCE G.
VOORHIS, GARY L.
WADE, ROLLA T.
WADE, ROLLA T.
WAGNER, ROGER C.
WANG, JYUE-SHENG
WANG, MEN-LI
WELLS, WILLIAM L.
WHITTEN, TRAVICE W. JR.
WILSON, CLYDE W.
WILSON, TOMMIE C.
ZIMMERMAN, WAYNE M.

## 1966

ANNEAUX, DWIGHT G. B.
BENNET, PARTICK B.
BELLIAM H.
BELLIAM H.
BRACK, JEELS M.
BRACK, M. GENAL J.
BRACK, M. G.
BRACK, M.
BR



1980 Rollamo

## 1966 Cont.

WEYAND, THOMAS E. WIDEMAN, LAWSON G. WILKENS, ROY A. WILLIAMS, WILLIAM S. WILLIAMS, WILLIAM S. WOODF IELD, RICHARD A. WOODFARD, CHARLES D. YUNG, SHU C.

## 1967

ADAMICK, CHESTER J. JR. ALLMAN, JAMEL I AM E. JR.

BARGER, HUBERT S.

BARGER, HAROLD B. JR.

BARTLING, DONALD JR.

BAUER, JCR.

BAUER, JCR.

BAUER, WILLIAM C.

BEVEL, JERRY ENNETH C.

BRAUER, FRIANCIS V.

BROWNE, MICHAEL J.

BROWNER, MICHAEL J.

BRUNNERTER, MICHAEL J.

BRUNNERTER, MARVI.

CARSISTOPHER, HORACCE W.

JR.

COYLE, R. PAUL D.

CARSISTOPHER, HORACCE W.

JR.

COYLE, R. PAUL D.

CARSISTOPHER, HORACCE W.

DELLOR, JAMES, PETER A.

COYLE, R. PAUL D.

CARSISTOPHER, HORACCE W.

DELLOR, JAMES, PETER A.

COYLE, R. PAUL D.

DEGENHAMIT, ELLEMAR A.

DELLONG, CARSISTOPHER E.

DOBBER, GARYNIN H.

DELLOR, FRANK L.

EVARNELL, ROICHAEL E.

FRITSCHELL, ARRY E.

EVARNELL, ROICHAEL E.

FRITSCHELL, ARRY E.

EVARNELL, GEORGE E.

DOBBER, GARNIN M.

FERRE, GAR

## 1967 Cont.

NOBLE, LAWRENCE S.
OLIVER, KEVIN F.
OWENS, GARY S. E.
PALMERN, JAMES E.
PARSONS, EDWARD W.
PEER, DANIEL D. E. JR.
PERKINS, MICHAEL A.
PERKINS, MICHAEL A.
PERKINS, MICHAEL J.
RATER T. NICK L.
RIGESS, MICHAEL K.
RIGESS, JAMES E.
RILESS, JAMES E.
RILESS, JAMES E.
RILESS, JAMES E.
RILESS, JAMES D.
ROBLO, GERALD J.
ROBLO, ROBBERT J.
RUHEH, KENNETH W.
RYMER, RUSSELL S. JR.
SCANLAN, JAMES W.
SCANLAN, JAMES W.
SCANLAN, JAMES W.
SCANLAN, ALAN H.
SCHUETTE, LOUIS H.
SCHUETTE, LOUIS H.
SCHUETTE, LOUIS H.
SCHUETTE, ROBERT T.
SIMMONS, JOHN L. IIII
STEWART, ROBERT T.
STEWART, BENNIS W.
TURNER, ROBERT T.
STOVER, ROBERT T.
WAGNER, RICHAM D.
WEBSE, THEODORE L.
WAGNER, WILLIAM D.
WEBSE, THOMAN J.
WOLLF, JOHN D.
WOULF, JOHN D.
WOULF, JOHN D.
WOULF, JAMES M.

## 1968

ALLEN, LOUIS B. JR.
ALYEA, JERROLD M.
ALYEA, JERROLD M.
APPLEYARD, FRANK C.
ASTRACK, RICHARD F.
AWAN, MANSOOR A.
AYARS, ROBERT S.
BEHRING, ALLEN G.
BEHRING, ALLEN G.
BEHRING, ALLEN G.
BERNINGTON, LESLIE C. JR.
BERGER, JOHN M.
BOUDMAN, W. THOMAS A.
BOUDMAN, W. THOMAS JR.
BOUDMAN, W. THOMAS JR.
BRADD, JOHN R.
BRADD, JOHN R.
BRADD, JOHN R.
BRADD, JOHN R.
CARNAHAN, DANNY L.
CHADWICK, JACK L.
CHAOWICK, JACK L.



1980 Rollamo

HEITZMANN, JOHN E.
HINTON, DONALD R.
HUNTON, DONALD R.
HUNTON, DONALD R.
HUNTON, DONALD R.
HUNTON, JAMES C.
HUETT, MICHAEL S.
JOHNSON, STEPHEN S.
JOHNSON, STEPHEN S.
JONES, ELENARD F.
KUDG, ALFRED E. JR.
KUDG, ALFRED E. JR.
KUDG, ALFRED E. JR.
KOEGEL, FRANK R.
KREILICH, JAMES L.
LEWIS, LELAND
LI, SHULLIAM M.
LEE, DAVID W.
LEE, STEPHEN K.
LEWIS, LELAND
LI, SHUMEL LAWRENCE H.
JR.
HUNTON JOSEPH J.
HUEBBERT, LAWRENCE H.
HUECK, RALPH H.
MABRY, DEWAYNE P.
MC CURNAY, JAMES S.
MC KELVEY, RALPH B.
MC CURNAY, JAMES S.
MC KELVEY, RALPH B.
MITCHELL, FL THOMAS JR.
MONTGOMER, RONALD A.
MUNNSON, ELIZABETH A.S.
MITCHELL, FL THOMAS JR.
MONTGOMER, RONALD A.
MUNNSON, FRED J. ROBERT
PEINERER, STEPHEN E.
PEPPERS, ROBERT C.
PEPPERS, ROBERT C.
PEPPERS, ROBERT C.
PEPPERS, ROBERT C.
PERSER, STEPHEN E.
PERSER, STEPHEN E.
PERSER, RICHARD E.
SCHAEFFER, NEAL T.
SCHA

## 1969

ANDRE AE, ROBERT A.
ANDRE W, WILLIAM K. V
ARNOLD, ROBERT D.
ASCOLI, DON M.
BASA, LADDIE A. JR.
BAY, ROBERT D.
BECKER, JOHN J.
BERRY, JOHN J.
BISHOP, DAVID K.
BOES, DAVID H.
BOLANDER, RICHARD W.
BONDURANT, FREDERICK N.
BONDURANT, FREDERICK N.
BONDURANT, FREDERICK N.
BONDURANT, FREDERICK N.
BOURNE, DONALD W.
BRACKBILL, ROBERT M.
BREESE, THOMAS.
BRINKOPF, ROBERT L.
BRIUKNER, ROBERT L.
BRUCKNER, RANDALL K.
BURROWS, RANDALL K.
BURROWS, EUGENE H.

8/MSM Alumnus

1969 Cont. BUSH, DONALD R. CAHALAN, JAMES E. CAPONE, GARY J. CARY, STANLEY E. CASE, GLENN R. CHOW, ROBERT Y. COULINS, WILLIAM E. CONLEY, RALPH R. JR.

CHOW, ROBERT Y.M.
COLLINS, WILLIAM E.
COULENS, WALPH R. JR.
COUNLEY, RAIPH E.
COUNLEY, STEPH E.
COUNTER, STEPH E.
COUNTER, STEPH E.
COUNTER, STEPH E.
COUNTER, STEPH E.
CROSS, CHARLES M.
CROSS, CHARLES M.
CROSS, JOHN K.
DANIEST, JUNE A.
DANIEST, JUNE A.
DANIEST, WILLIAM G.
DELLIAM, DAVID R.
DESPAIN, DAVID R.
DESPAIN, DAVID R.
DESPAIN, DAVID R.
DESPAIN, JAMES S.C.
EASTER, JAMES S.C.
EASTER, JOHN R.
FISCHER, JAMES S.C.
EESCHER, JAMES S.C.
EESCHER, JAMES S.C.
EESCHER, JOHN R.
FISCHER, CHARLES W.
FESCHER, CHARLES W.
FOSTING, MARTHA M.
GENTZLER ON THE COUNTER S.
GERIG, MARTHA M.
GENTZLER ON THE COUNTER S.
GREEN, JOHN R.
GENTZLER, JOHN R.
GENTZLER, AND JOHN R.
HANDLER, AND JOHN R.
HANDLER, AND JOHN R.
HANDLER, AND JOHN R.
HANDLER, AND JOHN R.
HOLLMAN, TERRY L.
HANDLER, AND JOHN R.
KELKAR, SUBHARLES B.
JR.
KELKAR, SUBHARLES B.
JR.
KERNS, WALLER W.
KOEDERITZ, LEONAR W.
KOEDERITZ, LEONAR W.

KERNS, WAYNE L.
KMECZ, GLENN M.
KOEDERITZ, LEONARD F.
KOESTER, RICHARD W.
LABIT, JAMES R.
LIN, CHING-LIANG
LOWE, WILLIAM S.
MASSEY, JIMMY C.
MASSEY, JIMMY C.
MASSEY, JIMMY C.
MASSEY, JIMMY C.
MASTERSON, DENNICHAEL
MC MULTREY, DANIEL
MC MULTREY, DANIEL
MC MURTREY, DANIEL
MC MORALD C.
MORALD

## 1969 Cont.

STEFFAN, CHERYL A.
STEVENS, ROBERT W.
STEWART, THOMAS J. JR.
STRAUSER, CLAUDE N.
TERRY, JAMES W.
TODD, RUSSELL
TOMLIN, GLENN P. JR.
VANCE, JEROME J.
WANSING, ALVIN D.
WEBB, E. VICTOR
WIE SENMEYER, JOHN C.
WILSON, PATRICK J.
ZENGE, THOMAS L.

## 1970

1970

ABERNATHIE, WILLIAM E. ADLER, ROBERT B. AGRAWAL, ARUN K. ALEXANDER, WILLIAM D. ANDREAE, VICKI M. ANDREAE, HUMBERTO Q. BAEBLER, ARTHUR G. BAKER, TY RALPH L. BAUER, WALTER A. II BARNET, TO AVID D. BEIRNE, DOUGLAS G. BEIRNE, DOUGLAS G. BISCHOFF, ROBERT F. BOWIN, MARTIN G. BRACHER, DOUGLAS G. BRACHER, DOUGLAS G. BRACHER, DOUGLAS G. BRACHER, DOUGLAS G. BRACHER, DOWGN, MARTIN G. BRACHER, DOWGN, MARTIN G. BRACHER, DOWGN, MARTIN G. BRACHER, DOWGN, BEIRK, DOUGLAS G. BRACHER, DOWGN, BRACHER, DOWGN, BRACHER, DOWGN, BRACHER, DOWGN, BRACHER, DOWGN, WILLIS G. BROWN, WILLIS D. B. BROWN, WILLIS D. BROWN, WILLIS D. B. BROWN, WILLIS D. B. BROWN, WILLIS D. B. BROWN, WILLIS D. B. BROWN, WILL

Gifts to the Annual Alumni Fund enable us to maintain current information on approximately 28,000 Alumni and Friends

CALFEE, KAREN B.
CALFON, LYNN B.
CARTER, JOHN B.
CARTER, JOHN B.
CHASTEN, DENNIS L.
CHASTEN, DENNIS L.
CHEK, KATHY S.S.
CHEN, KATHY S.S.
CHEN, WETH, HAROLD E.
CHIANG, JAMES H-H
CONGER, GLENN J.
CORBETT, TIMOTHY P.
CONSBETT, TIMOTHY P.
COUND, WILLIAM H.
DAVISSON, DAVID C.
DAVISSON, DAVID C.
DAVISSON, DAVID C.
DAVISSON, DAVID C.
DEBUGHN, GERALD D. JR.
DENLY, KENNETH L.
DILTHEY, M. ALEK
DOLATA, EDWARD W.
DOLATA, EDWARD W.
DOLATA, EDWARD W.
DUFHAM, TERRY E.
EATON, THOMAS E.
EATON, THOMAS E.
EATON, THOMAS E.
EATON, THOMAS A.
FEURER, JOHN MICHAEL
FINKELSTEIN, MICHAEL
FINKELSTEIN, MICHAEL
FINKELSTEIN, JERICHARD
FINKELSTEIN, JERICHARD
FINKELSTEIN, JERICHARD
FINKELSTEIN, GARRILL
FINKELSTEIN, MICHAEL
FINKELSTEIN, JERICHARD
FINKELSTEIN, JERICHARD
FEURER, JOHN IJ.
GLASSEL, CLIFFCRD
GRIFFER, GONALD L.
HAMBER, HAROLD W.
HAMBER, PHILLIP G.
HAMBER, PHILLIP G.
HAMBER, PHILLIP G.
HARDWICK, J. ROBBERT
HARRIS, MICHAELD D.
HARDWICK, J. ROBBERT
HARRIS, PHILLIP L.
HERBISON, ROBERT G.
HOMKE, TERRANCE
HOMMER, CHARLES
HOMMER, TERRANCE
HOMMER, TERRANCE
HOMMER, TERRANCE
HOMMER, TERRANCE
HOMMER, TERRANCE

## 1970 Cont.

HUSKISSON, WESLEY M.

JAGGI, DER GREMEN W.

JOHNS, DER GREMEN W.

JOHNS, DAVICHARD F.

KAD, LAND HELLY W.

KEEND, MARCHILLY W.

## 1970 Cont.

SIEGEL, ROBERT J.

SIEVERT, O. MORRIS
SIZEMORE, LAMAR T. JR.
SMITH, BEVERLY D.
SMITH, BEVERLY D.
SMITH, BEVERLY D.
SOULT, JOHN P.
SPENCE, JAMES R. JR.
SOULT, JOHN P.
SPIELDOCH, RICHARD B.
STEPHENSON, MICHAEL W.
STEURY, THOMAS D.
STERETT, WILLIAM K.
STEURY, JANET A.
STEURY, THOMAS D.
STUCKE MEYER, RANDYL L.
STUCKE MEYER, RANDYL L.
STUCKE MEYER, RANDYL L.
STUCKE MEYER, RANDYL L.
STUCK, CECIL R.
TENES, EDWARD B.
TENNILL, DANA D.
THOMAS, JAMES D.
THOMAS, JAMES D.
THOMAS, JAMES D.
THOMAS, JAMES D.
VAUGHN, PAUL E.
VAN BUREN, JAMES K.
VAUGHN, PAUL E.
VERKAMP, JAMES F.
WARLER, HARVEY J. JR.
WARLER, HARVEY R.
WARNER, JOHN R.
WARLER, HARVEY J. JR.
WARLER, HARVEY R.
WARNER, JOHN R.
WARLER, HARVEY R.
WARNER, JOHN R.
WARLER, HARVEY H.
WESEN JAMES C.
WEATHERDAGGER D.
WILLIAMS, RICHARD K.
WILLIAMS, RICHARD K. WILSON, TOMMIE C.
WOLFF, THOMAS F.
YOUNKER, FORREST A.
ZAGAR, ROBERT A.
ZIEGER, JAMES B. JR.
ZOLLER, HENRY E.
ZYLICH, RONALD G.

#### 1971

ABDEL-LATIF, A. ISMAIL
ABERNATHIE, WILLIAM E.
ALLEN, JOHN E. JR. V
BALDWH, WILLIAM M.
BARRESI, WILLIAM M.
BARRESI, WILLIAM J.
BALWAN, WILLIAM J.
BALWAN, WILLIAM J.
BECKMEYERSLIR R.
BENOTY, LGER, ROBERT W.
BENOTY, LGER, LARRY W.
BONDISON, CHARLES E.
BONLISON, CHARLES E.
BONLISON, CHARLES C.
BOULSON, CHARLES C.
BOULSON, MARTIN GHN R.
BUCKW ALTER, JOHN R.
BUCKW ALTER, JAMESRA.
W.
CAMPBELL, LARRY W.
CAMPBELL, LARRY W.
CHAMPMAN, JAMES M.
CHIONARIN, MICHAEL B.
CLARK, ROBERT C.
CANGER, DANNY C.
CHONRER, MICHAEL B.
CLARK, ROBERT J.
CCHONRER, MICHAEL B.
CLARK, ROBERT J.
CHOUARAIN, MICHAEL B.
CLARK, ROBERT J.
CHOUARAIN, MICHAEL B.
CLARK, ROBERT J.
CHONRER, DANNY C.
CONNER, DANNY W.
CHONRER, DANNY W.
COOVER, DANNY W.
COOVER, RANDALL L.
DENNIE, POWELL A.
DENNIE, POWELL A.
DOLLISON, FRANK E.



1980 Rollamo



1980 Rollamo

DONZE, TERRY W. DOSTAL, GREGORY G.J. DOUGHERTY, GEORGE J. DOUTT, THOMAS R. DOWNING, KENNETH B. EHRLICH, ROBERT L.

DOWNING, KENNETH B.
EHRLICH, ROBERT L.

EIMER, RICHARD W. JR.
EKTERMANIS, JOHN A.
ELLERMAN, WILLIAM E.
ELLIGTT, JOSEPH O.
EPPESTINE, DAYID A.
ERICKSON, NANETTE R.
ERICKSON, NANETTE R.
ERICKSON, NANETTE R.
FERRELL, C. STUART
FINKANG, JOHN W.
FINNEGAN, JERREY D.
FERRELL, C. STUART
FINKEANG, JOHN W.
FINNEGAN, JERREY D.
FLAIMSTHOMAS A.
FOURNELLE, RAYMOND A.
GALLUP, ARCHIBALD M.
GAYER, WAYNE J.
GALLUP, ARCHIBALD M.
GAYER, WAYNE J.
GALLUP, ARCHIBALD M.
GGAYER, WAYNE J.
GGAYER, WAYNE J.
GRAYER, WAYNE J.
GRAYER, BORNE A.
GRAYER, WAYNE J.
GRAYER, BORNE J.
GRAYER, THOMAS L.
GREENE, THOMAS L.
GREENE, THOMAS L.
HANGER, STEVEN C.
HARDMICK, CHERYL
HAYDEN, THOMAS M.
HEADY, J. WENDELL
HELLWEGE, JAMES W.
HELLWEGE, JAMES W.
HENDERSON, DONALD D.

HARY, GETHOMAS M.
HEADY, J. WENDELL
HENDERSON, DONALD A.
HERROON, DONALD A.
HERROON, DONALD A.
HERROON, WILLIAM M.
HERROON, BRUCE CHOYES
HERROON, BRUCE CHOYES
HILBARA, ROBERT A.
INTAGR, CARL E.
ISRAEL, JOHN I JR.
JAHAGSON, BRICERT J.
JOHNSON, JAMES H.
KELLY, MICHAELL S.
KERCHURE, FRANK S.
KKINGHUS, JAMES S.
KROMUSE, ANTHOL W.
LADPROSTA, ROBERT W.
MAYS, LARRY ROBERT D.
MONTGOME S.
MC CORMICK, ROBERT W.
MAYS, LARRY ROBERT W.
MILITCHELL, ROBERT D.
MONTGOME ROBERT W.
MOUUSER, GERALD L.
NEVINS, MARVIN L.
MONTGOME ROBERT W.
MOUUSER, GERALD L.
NEVINS, MARVIN L.
MOUUSER, GERALD L.
NEVINS, MARVIN L.
MOUUSER, GERALD J.
NEVINS, MARVIN J.
MONTGOME ROBERT J.
NEVINS, MARVIN J.
MONTGOME ROBERT W.
MONTGOME ROBERT J.
NEVINS, MARVIN J.
MONTGOME ROBERT J.
NOLUSER, GERALD J.
NOLUSER, GERALD J.
NOLUSER, GERALD J.
NOLUSER, GERALD J.
NOLUSER, MARVIN J.
NOLUSER, M

## 1971 Cont.

1971 Cont.

POWELL, RICHARD F.
PRICE, JOHN B. JR.
PRICE, JOHN B. JR.
PRICE, MARK H.
FRAITHEL, JAMES F.
REDINGTON, STEPHEN L.
REULINGTON, DAVID A.
REYNOLDS, JOHN A.
ROBINSON, GORDON D.
ROBINSON, GORDON D.
ROBINSON, GEORGE T.
ROTHERMICH, THOMAS A.
SANDHAUS, HENRY W.
SCHERER, PAUL K.
SCHERER, PAUL K.
SCHERER, PAUL K.
SCHERER, PAUL K.
SCHMIDT, E. ROBERT JR.
SCHMIDT, E. ROBERT JR.
SCHMIDT, THOMAS E.
SCHMIDT, THOMAS E.
SCHMIDT, THOMAS E.
SCHMIDT, E. ROBERT W.
SCHMIDT, THOMAS E.
STENDER, JAMES W.
STENDER, JAMES W.
STENDER, JAMES H.
JR.
TAYLOE, CHARLES H.
ULRICH, JAMES E.
VONKAEPHILIP J.
WANGE, JOHNNY S.
WEDGE, W. KEITH
WHITE, CHARLES A. IIII
WHITE, CHARLES A.
WANG, LIEJERN
WARNER, JOHN R.
WEBB, JOHNNY S.
WEDGE, W. KEITH
WHITE, CHARLES A.
WILLEKER, VICTOR F.
WILLIAMS, RAYMOND R.
WILLEKER, VICTOR F.
WILLEKER, VICTOR F.
JR.
WULLER, C. STEPHEN
WUSSLEF, RONALD L.
WILLIAMS, RAYMOND R.
WILLEKER, VICTOR F.
JR.
WULLEF, C. STEPHEN
WUSSLEF, RONALD L.
YANCEY, ROGER L.
ZLATIC, MILTON T.

## 1972

1972

ACKMANN, DAVID A.
ALLEN, MICHAEL P.
ALSPAUGH, DAVID H.
ANDERSON, JOHN R.
AUBRECHT, LADIMIR J. JR.
BACHMANN, DAVID E.
BALAZ, WILLIAM P. JR.
BARTOLI, ERNEST C.
BEHRING, ALLEN G.
BEHLI, ARTHUR H.
BENION, JAMES R.
BERRY, ROBERT I.
BINESH, BIZHAN
BLACK, WILLIAM M.
BLACK, WILLIAM M.
BLACK, WILLIAM M.
BLAIR, NKI, BRENT
BONDI, JAMES O.
BRADSHAW, SAMUEL C.
BRAVE, PHILIP V.
BROSE, MARTIN A.
BRADSHAW, SAMUEL C.
BRAVE, PHILIP V.
BROSE, MARTIN A.
BUTTS, JAMES D.
BUTTS, JAMES D.
CARMICHAEL, DWIGHT E.
CHANG, JOSEPH J.
CHEN, HOLGER E. CARSON, ALAN W.
CHANG, JOSEPH J.
CHEN, HOLGER E.
CHIEN, JOHN F.
CHRISTEN, RANDOLPH F.
COLE, HUGH E.
COLLINGS, JAMES R.
COMMERFORD, JAMES J.
CONNER, DANNY R.
CRETIN, PAUL F.
CURTH, F. OSCAR
DAVIS, ROBERT S.
DEARDEUFF, DWIGHT L.
DERIEMER. DANIEL I.

## 1972 Cont.

DOLL, WILLIAM E. JR.

DREISEWERD, DOUGLAS W.

DRISSEL, NANCY R.A.

DUNKMANN, STEVEN W.

DUNN, WYATT M.

ECHOLS, LORRAINE W.

ECHOLS, LORRAINE W.

ECHOLS, LORRAINE W.

ECHOLS, LORRAINE W.

EGBERT ROBERT I.

EGBERT ROBERT I.

EGBERT, ROBERT I.

EYERMANN, THOMAS J.

FERGLISH, THOMAS J.

FERGLEMAN, DENNIS D.

FLETCHER, C. SCOTT

FORD, RAYMOND F. JR.

FURBELMAN, DENNIS D.

FIEBELMAN, DENNIS D.

FIEBELMAN, THOMAS J.

FIEBELMAN, DENNIS D.

FIEBELMAN, DENNIS D.

FIEBELMAN, DENNIS D.

FIEBELMAN, DENNIS D.

FORSEE, GARY D.

FIEBELMAN, DENNIS D.

FORSEE, JANIE L.

GANTT, JAMES DANIE L.

HUKUREIGH, MICHAEL L.

GANTT, JAMES DANIE

GRANA, DOMINIC J.

GROSS, EDWARD P.

HALBERT, JEFFERY L.

HANSON, STEVE A.

HAO, WUU

HARRIS, BARRY A.

HARVEY, HUGH W.

HELLRICH, LINUS H.

HESERANN, CALVIN R.

HESERANN, CALVIN R.

HOELSCRER, FREDERICK W.

HELLRICH, LINUS H.

HESEMANN, TICHARD L.

HOULT, MICHAEL L.

HUNDING, CARL W.

HILLIAM, DON L.

ISBELL, CLARENCE A. JR.

JENSEN, DONALD K.

JENSEN, DONALD K.

JENSEN, DONALD K.

KAPLAN, ALARD K.

KMECZ, GLENN M.

KNUSSMANN, WILLARD T.

Grants-in-Aid are authorized by the Board of Directors of the MSM-UMR Alumni Association for the support of campus activities. The Library, the Music Department and the Athletic Department are currently receiving grants-in-aid funded by the Annual Alumni Fund.

KREILICH, JAMES L.
KREMER, JON A.
KRIEGSHAUSER, PAUL C. JR.
KRIEGSHAUSER, PAUL C. JR.
KRYSA, MITCHEL S.
LADEROUTE, CHARLES D.
LAMBE, CLINTON R.
LAPLANTE, ALLAN H.
LAUTH, JOHN A.
LEAVITT, DALLAS R.
LEWIS, RALPH A.
LUZYNSKI, LAWRENCE H.
MADDUX, LARRY R.
MATTHES, ALFRED W. II
MC CORMACK, HOWARD F. JR.
MC COY, JAMES R.
MELDI, RONALD
MIESNER, STEPHEN H.
MINDEN, FRANCIS J.
MINTNER, DAVID C.
MOODY, ROBERT A.
MOORE, JOSEPH R.
MORRISEY, JOHN W.
MUELLER, ROY E.
MUGLIGAN, JAMES A. III
NASH, WILLIAM R.
NELSON, FREDERICK E.
NORTH, MICHAEL A.
OBERBECK, WILLIAM F. JR.
OLIVER, DANIEL L.
PADBERG, JOSEPH G.
PARK, OFAN A.
PARSONS, CLYDE F.
PARTIZO, PERRY A.
PEATTIZ, PERR

## 1972 Cont.

1972 Cont.

SCHERRER, PAUL K.

SCHERER, RICHARD C.
SCHOENEFELD, KARL F. III
SIDDENS, RARK A.
SIDDENS, RARNDALL T.
SINDEL, MARVIN V. JR.
SMITH, RUSSELL D.
STAHL, JOSEPH W.
STEHY, DANIEL W.
STEPHENS, WILLIAM R.
STEPHENS, WILLIAM R.
STEHY, THOMAS D.
STEHY, THOMAS D.
STEHY, THOMAS D.
STEHY, THOMAS D.
TAYLOR, MICHAEL E.
TAYLOR, PHILIP G.
T

## 1973

ACREE, JAMES A.
ALVERSON, V. MICHAEL
ANDERSON, JOHN R.
ANDERSON, JOHN R.
ANDERSON, JOHN R.
ANDERSON, JOHN R.
BATRACK, RICHARD F.
BANKA, JOSEPH E.
BAKER, JOHN W.
BARKAU, ROBERT L.
BERKHYER, MARGY
BEHAN, THOMAS A.
BEHAN, THOMAS A.
BEHEAN, THOMAS A.
BEHESH, LELAND F.
BENESH, LARRY J.
BENESH, LARRY J.
BERKBIGLER, KARRY W.
BLAYIN, STEVEN R.
BLAYILL W.
BLAYING BARRY W.
BLAYING BARRY W.
BLAYING STEVEN R.
BUNGRER, WAYNE P.
BRINTON JOHN C.
BROSE, MARTIN C.
BROSE, MARTIN C.
BROSE, MARTIN C.
BROWN, PAULE B.
BRYANT, STEVEN L.
BUTERBAUGH, BASIL E.
BUTERBAUGH, BASIL E.
BYANE, PATRICK W.
CAPCHE, GARY J.
CAMPBELL, FRANK.
COALSNO, WILLIAM E.
COALSNO, WILLIAM E.
COOMBE, RICHARD B. JR.
COOLLINS, KICHARD B. JR.
COOLLINS, KICHARD B.
DEGEL, FRANK C.
DOLATS, CAROL A.
DOLATS, CAROL A.
DOLATS, HALDIS R.
DOLATS, JAMES M.
EDBESSMEYER, DAVID J.
FCK, JAMES M.
EDBESSMEYER, DAVID J.
FCK, JAMES S.

## 1973 Cont.

FADEM, CRAIGE L.
FANTY ICH DAVIG M.
FEHTLER MANK G.
FITTYPATRICK, PHILLIP A.
FLEMING, ROGER S.
FITTYPATRICK, FITTYPATRICK, FITTYPATRICK, F.
FLEMING, ROGER S.
FRANKLIN, JAMEAN A.
GAYZENBACH, JERANDA C.
GAYZENBACH, JERANDA B.
GAYZENBACH, JESEPHALD
GAYZENBACH, JESEPHALD
GAYZENBACH, JOSANDA P.
HABLICH, RAYGARY R.
HABLICH, RAYGARY R.
HINKLEY, JOSANDA M.
GGULLEY, GEORDHALD W.
HABLICH, RAYGARY R.
HINKLE, K.
DANNLE W.
HINKLE, K.
DANNLE W.
HINKLE, K.
HINKLE, K.
KADANE C.
KANTEL, JOHNAN M.
KELKAR, SUBHAS D.
KANTEL, SUBHAS D.
KENTINGRA, ROGER L.
KKAMER, ROGER L.
KKAMER, ROGER L.
KKAMER, ROGER L.
KKAMER, ROGER L.
KKUEBLER, KENNETH K.
KILLINGER, ROLVID A.
KKILLINGER, ROLVID A.
KKUELRA ROLVID A.
KKOLL, DAVID A.
KKUELRA ROLVID A.
KUELRA ROLVID A.
KOURA ROLVID A.
KOURA ROLVID A.
KOURA ROLVID A.
KOURA ROLVID A.
KUELRA ROLVID A.
KUELRA ROLVID A.
KOURA ROLVID A.
KUELRA ROLVID A.
KOURA ROLVID A.
KOURA ROLVID A.
KUELRA ROLVID A.
KOURA ROLVID A.
KUELRA ROLVID A.
KOURA ROLVID A.
KOUR

PETERMANN, ERNIE W.

PETERS, RICHARD E.
PICKELL, MARK B.
POE, EAPL J. III
POTTINGER, JAN M.
PRESTON, ROBERT P.
RATH, DAVID L.
REED, ALLAN J.
REEL, DANA V.
REYNOLDS, JOHN A.
RILEY, KENNETH G.
RISSELL, MICHAEL E.
ROBERTSON, JAMES P.
ROIS, ROSEMARY F.
RORABAUGH, JAMES I.
RUZICKA, WILLIAM F.
SCHALER, JAMES D.
SCHALLER, STEVEN E.
SCOTT, LARY L.
SCHALLER, STEVEN E.
SEVICK, CHARLES W.
SHEAR, DENNIS P.
SHEARD, STEPHEN E.
SITZ, CAROLE L.





1980 Rollamo

SKAIN, JOHN C.
SMITH, CAROLYN M.
SMITH, JAMES A.
SMITH, NICKIE L.
SMITH, RICHARD A,
SMITH, RICHARD A,
STRITZEL, DAVID L.
SUETTERLIN, JACK F.
TATTITCH, STEPHEN T.
TAYLOR, RICHARD M.
VAETH, RICHARD M.
VEDEN, LEONARD S.
VIOX, DAVID F.
WALZ, MICHAEL A.
WARREN, JOSEPH P.
WEDDLE, PHILIP B.
WEDGE, W. KEITH
WEIDLER, GARY R.
WHITNEY, MARK S.
WILLIAMS, ANITA L.
WILLOUGHBY, RONAL D.
YATES, FRANK M.
YORK, THOMAS A.
ZIEGLER, KARL F.

## 1974

ADAMS, JOHN E.
ALFORD, REX
ATKINS, PAUL F.
BACHMANN, ROY O.
BARCZEWSKI, DAVID E. ATKINS, PAUL F.
BACHMANN, ROY O.
BARCZEWSKI, DAVID E.
BARTOLI, ERNEST C.
BECKMEYER, RUSSELL R.
BONDA, ELLEN B.
BONCZYK, BRUCE S.
BONDI, JAMES O.
BONDI, JAMES O.
BROWN, DANIEL J.
BROWN, DANIEL J.
BRUECKMANN, MICHAEL A.
BROWN, DANIEL J.
BRUECKMANN, MICHAEL A.
BROWN, DANIEL J.
CAMPBELL, JOHN R.
CANIZARES, HIMDIHY J.
CESARE, JOSEPH A.
CCANIZARES, HILLARD D.
COLLINGS, JAMES R.
COODER, JAMES M. JR.
COODER, JAMES M. JR.
COODERA, JOHN M.
CORDERA, JOHN M.
CURDT, J. CALVIN
DEAVER, ELIZABETH E.
DEGENHARDT, DEAN A.
DEHAVEN, SAMUEL J.
DOTY, ELMER L. JR.
DUNAVANT, STEVEN J.
DUNAVANT, DAVID A.
DUNAVANT, DAVID A.
DUNAVANT, STEVEN J.
ENTWISTLE, JAMES M. JR.
ERITKSON, GORDON L.
FAILS, ALLEN D.
ENTWISTLE, JAMES M.
FITZGERALD, COLLEEN A.
FITZGER

10/MSM Alumnus

## 1974 Cont.

HAMILTON, JOHN W.
HAMILTON, KENNETH C.
HANNA, ROBERT L.
HARRIS, NORMAN A. JR.
HAUSER, JAMES D.

HARRIS, NORMAN A. JR.
HARRIS, NORMAN C.
HEMUSER, JAMES D.
HAWTHORNE, ROBER, LARRY J.
HOLLT, MICHAEL L.
HOLLT, MICHAEL L.
HOLLT, MICHAEL W.
HOVEY, RICHARD P.
HOWST, MICHAEL D.
IVERS, JEFFREY L.
JOHNST, MICHAEL D.
IVERS, JAMES S.
JONES, RICKON T.
KELLEY, JOHN M.
KERNS, DANNY L.
KERNS, RANDY G.
K

OLDHAM, STEVEN C.
ORTWERTH, CRAIG N.
PARIANI, SARY J.
PARIANI, SARY J.
PARSANT, CRAIG L.
PETERSON, JERRY D.
PIRANO, VINCENT E.
PLEASANT, LINDA J.
POHLIG, KENNETH D.
POLAKOWSKI, DAVID R.
PONZER, ROLLAND J.
PRACHAKVEJ, SUPPAMAS
PRICE, BERNARD W. III
RAGAN, MICHAEL E.
RAMEY, ROY RAEL E.
RAMEY, ROY RAEL
RAMEY, ROY RAEL
RAMEY, ROY RENETH J.
REHKOP, THOMAS G.
RICH, JERRY L.
RICH, JERRY L.
RODEMS, RAND J.
RYTIER, NOEL J.
SAGER, DAVID A.
SAPPRITA, NOEL J.
SAGER, DAVID A.
SAPORITA, VINCENT J.
SAGER, DAVID A.
SAPORITA, VINCENT J.
SCHANDAL, JOSEPH M. JR.

## 1974 Cont.

1974 Cont.

SCHELLER, JAMES D.

SCHEMPER, LEON I.

SCHRICKER, DON

SCHRICKER, DON

SCHWARTZ, ANDREW

SCHWARTZ, ANDREW

SCHWARTZ, ANDREW

SMITH, RICHARD A.

SMITH, RICHARD A.

SMITH, RICHARD A.

SMITH, STEPHEN D.

SOULTON, RUSSELL C.

SOULTON, RUSSELL C.

SOULTON, RUSSELL C.

SOUDERS, STEVEN W.

SOUDERS, STEVEN W.

SOUDERS, STEVEN W.

SPECK, ROBERT C.

SIEGNER, GFORGF D.

SIEGNER, GFORGF D.

STRUCKHOFF, JOHN J.

STRUCKHOFF, JOHN J.

STRUCKHOFF, JOHN J.

STRUCKHOFF, JOHN W.

TAPPELLA, ROBERT J.

TAPPELLA, ROBERT J.

TAPPELLA, ROBERT V.

THENFELDER, JOHN W.

TERRY, MICHABEL L.

THEMPSON, RANDALL G.

TILHES, ROBERT V.

TILHMAN, STEVEN M.

TOTH, DIANA L.

TRAVELSTEAD, CHARLES W.

UMPHREYS, RAY E.

VANNOUTEN, JAMES H.

VANVEGHTEN, WILLIAM T. IIII

WARFIELD, DAVID M.

WHIST, MARK D.

WHIST, MARK D.

WIST, MARK D.

VOUNG, DAVID M.

ZIERCHER, SUZANNE M.

ZLATNICK, STANFORD D.

The Annual Alumni Fund supports: Commencement Alumni-Student-Faculty Conference Libraries Scholarships **Faculty Awards** Homecoming **Alumni Directory** Area Meetings Class Reunions MSM ALUMNUS **Special Projects Alumni Awards** Newsletters Grants-in-Aid Alumni Records **Educational Assistants** Student Awards

## 1975

ADAMS, ERIC B.
ADAMS, ERIC B.
ADRIAN, JOSEPH B.
AGNEW, ALLEN B.
ALGAIER, MARK D.
ARNOLD, ROBERT D.
ARONBERG, GARRY R.
BAKER, BRUCE D.
BARRACK, NICHOLAS.
BASYE, RICHARD E.
BASYE, RICHARD E.
BESYE, RICHARD E.
BESYE, RICHARD E.
BESYE, ARTHUR H.
BENOY, LESLIE D.
BERTRAM, JEFFERY P.
BIER, PATRICK K.
BLAUVELT, DAVID S.
BIEK, HERMAN W.
BODENHAMER, STEVEN D.
BOGGMEYER, MARVIN E.
BORGMEYER, MARVIN E.
BORGMEYER, MARVIN E.
BROWN, RICKY J.
BRUGGER, THOMAS J.
BROWN, RICKY J.
BRUGGER, PATRICK H.
BUCHEN, KENNETH W.
CLAYTON, BARBARA J.
CCOBB, DAVID E.
COLVIN, DAVID E.
COLVIN, DAVID E.
COROCKER, WILLIAM J.
DANIELLS, CHARLES P.
DECLUE, DALE R.
DRAKE, KENNETH D. JR.
ELLEBRECHT, DAVID E.

## 1975 Cont.

ELLIS, THOMAS B.
EPPESTINE, DIANE C.
EVERTOWSKI, MARK S.
FINLEY, FRED W.
FISHER, PATRICE M.
FOURNIER, JOSEPH D.
GALBIERZ, BRUCE E.
GIULVEZAN, MARK S.
CNAGEY, GROVER H. GALBIERZ, BRUCE E.
GIULVEZAN, MARK S.
GNAGEY, GROVER H.
GOWER, PATRICK E.
GRAFTON, FREDERICK D.
GRAHAN, DOMINIC
GRAUMANN, RICHARD W.
HALL, RALPH D.
HANSEN, ROBERT C.
HEISSERER, KARL M.
HENRY, DOUGLAS J.
HEUCKROTH, MARK W.
HILHOUSE, CHARLES D.
HINKLE, DELORES J.
HOECKELMAN, LESLIE
HOFFMAN, JANICE M.
HOFFMAN, JANICE M.
HOLLAND, MICHAEL S.
IRVINE, WILLIAM D.
JOHNSON, JERRY G.
KAUFMAN, JOHN M.
KEIL, LOUIS H.
KNOCH, JAMES W.
KOEHLER, DAVID E.
KORKOIAN, CRAIG S.
KURZ, CLEVE A.
LAMANO, LARRY L.
LEITTERMAN, PAMEL A.
LEWIS, DAVID R.
LUECKENHOFF, WILLIAM F.
LUECKENHOFF, WILLIAM F.
LUECKENHOFF, WILLIAM F.
LURCY, BRUCE D.
MAND, REX A.
MARSH, JANET E.
MARSH, JANET E.
MARTING, JOHN J.

PACE, JAMES M.

PASCHKE, ALLEN J.
PATRICK, WESLEY C.
PETERSON, DOUGLAS E.
PETERSON, JERRY D.
PETERSON, JERRY D.
PETERSON, MITCHELL F.
PETERSON, MITCHELL F.
PETERSON, MITCHELL F.
PHILLIPS, STEPHEN D.
PINT, DALE M.
POWELL, RAYMOND B.
JR.
QUINN, MICHAEL J.
RATH, DAVID L.
REGHIEN, THOMAS J.
RETZINGER, ROGER L.
RETZINGER, ROGER L.
REGHIEN, THOMAS J.
RETZINGER, ROBEN W.
ROBBINS, AMY L.
ROBBINS, AMY L.
ROBBINS, AMY L.
ROBBINS, AMY L.
SCHAFER, ROBERT P.
SCHAFER, ROBERT P.
SCHAFER, ROBERT P.
SCHAFER, ROBERT T.
SCHAFT FREDERICK G.

## 1975 Cont.

SKIBISKI, KEVIN C.
SMITH, P. GENE
SPALDING, THEODORE J.
SPECK, DONALD R.
SPECK, ROBERT C.
STECK, ROBERT C.
STARK WEATHER, MICHAEL H.
STELLER, JOHN L.
STELLER, JOHN L.
STORK, W. FRED
TESAR, MARK W.D A.
THATCHER, DAVID A.
THATCHER, DAVIEL W.
TOTH, LOUIS F. JR.
VAN, HARTY C. JR.
VAN, HARTY C. JR.
VAN, TERY L.
WENER, DAVIEL W.
WESTERMAYER, JOHN C.
WHITWORTH, VIRGIL L.
WILKERSON, WILLIAM I.
WILKERSON, WILLIAM I.
WILKERSON, WILLIAM I.
WILKERSON, WILLIAM I.
WILKERSON, RAY E.
WISCH, DAVID J.
WYANT, JOAN
ZERWIG, HARRY J.

## 1976

IRYINE, WILLIAM DO
JOHNSON, JERRY G.
KALLAL, CHARLES G.
KAMBOL, STEPHEN A.
KAUEMAN, JOHN M.
KEIL, LOUIS H.
KNOCH, JAMES W.
BARRAKK, NICHOLAS E.
BRANKS, KNUL W.
BARRAKK, NICHOLAS E.
BRANKS, KNUL W.
BRAYLIAM P.
BRAYL, DALE E.
BRAUN, LANA J.
BRAYL, ANA J.
BRAYL, ANE J.
BRAYL, ANA J.
BRAYL, ANA J.
BRAYL, ANA J.
BRAYL, ANA J.
BRAYL, AN HOPKINS, JOSEPH P. JR.
HOWELL, SUSAN B.
HOWELL, SUSAN B.
JOHNSON, RICHARD H.
KRAMER, ROGER L.
KUHN, CATHERINE M.
KUTZ, ANTHONY W.
LARKINS, RICHARD R.



1980 Rollamo



1980 Rollamo

1976 Cont. LAW. F. HONMING
LEACH, RODNEY W.
LEACH, RODNEY W.
LEET, JGCHN R. JR. S W.
LEET, JJCHN R. JR. S W.
LEINTERMAN, DENVIS.
LIAGREGO TO THE C.
LIAGREGO

## 1977

ALLENS BRUCE H. R.

ARONBER MITCHELVID BE.

BAKER MITCHELVID BE.

BARRACZEMSKI, DAVID H.

BAUER, PHILLIP J.

BECKHONG RARD J.

BECKMEYER A.

BILLIA J.

BILLIA J.

BECKMEYER A.

BILLIA J.

BECKMEYER A.

BILLIA J.

BORCHERDING LENZINI, VERNON L.
LINCICOME, JAMES D.
LINDBERG, ALEX H.
LIVENGDOD, ROSS D.
LIVENGDOD, ROSS D.
LODS, LOUIS G. II
MAC GLASHAN, MARK L.
MADDOX, ARNOLD W.
MAHIN, CLIFFORD A.
MAT IES, ROY J. JR.
MC GHEE, VERNON T.
MC GRATH, GEORGE M. JR.
MC GRATH, GEORGE M.
MICNHIMER, TERRY L.
MINNE, ERIC M.
MOELLERING, DOUGLAS F.
MOELLERING, DOUGLAS F.
MOORGAN, TWYLA D.
MOSBY, RANDALL L.
MUELLER, PATRICIA I.
NAEGER, ROBERI J.
NAEGER, ROBERI J.
NAEGER, ROBERI J.
NELSON, STEPHEN R.
NEWBY, ARNOLD S.
NOLAND, LESLIE A.

## 1977 Cont.

OFFUTT, JOSEPH C. III
PALMER, EARLE F.
PANHORST, TERRY L.
PANHORST, TERRY L.
PARKHILL, REBECCA J.
PERRY, E. L. ROY
PINAIRE, RONALD
PONZER, ROLLAND J.
PRACHAVEJ, SUPPAMAS
PRICEAUSTON, STEVEN T.
RABADUEX, JAMES J.
RAUZI, THOMAS J.
RAUZI, THOMAS J.
RAUZI, THOMAS J.
ROWESELL, CAROL A.
SCHALLER, BRUCCE J.
SCHALLER, STEPHEN M.
STUTSMAN, JOHN V.
SUMMER, RICHARD A.
TAYLOR, NANCY LYNN
THOMPSON, JOH
WALTON, DAVID J.
TOOMEY, JOHN B.
VOGE, RICKY R.
WEAVER, SAMUEL C.
WEHMEIER, LEE M. J.
WELZBACHER, JEFREY D.
WILLIAMS, RONALD J.
WISCH, DAVID J.
WILLIAMS, RONALD J.
WILLI

The Alumni Educational **Assistants Program is** financed by the Annual Alumni Fund and provides employment for undergraduate students as reasearch assistants or in academic or support departments.

## 1978

ALLEN, STEPHEN J.
BAKER, REGORD F.
BAKER, REGORD F.
BAKER, RONALD E.
BAKER, RONALD E.
BALLEN, STEPHEN J.
BAKER, RONALD E.
BALLEN, RONALD E.
BELLEN, ROLL AM J. C.
BRAUDONCK, PAUL F.
BODDENHAMER, AUIL A.
BESTOR, WILLIAM J. C.
BRUGNARA, MICHAEL A.
BRYANT DE BRA J. D.
BULLMAN, BRUG J. GALE
BURNIS, DAR IS J.
BULLMAN, BRUG J. GALE
BURNIS, DAR IS J.
BUSCHME JOHN MAS IS J.
BUSCHME JOHN RB.
CAIN, SCOUT DALE
CANNEY, JAMBERT R.
CAIN, SCOUT DALE
CANNEY, JAMBERT R.
CHAPMAN, ROBBERT R.
CCHAPMAN, ROBBERT R.
CCHAPMAN, AND LL T.
DIERERSON, SAMUHN F.
CHAPMELL, JAMBERT R.
CHAPMELL, JAMBERT R.
CHAPMELL, JAMBERT R.
COLLIITVA, AN ULL T.
DIERERSON, SAMUHN F.
FLEDRON, SAMUHN F.
FLEDRON, SAMUHN F.
FLEDRON, SEPH W.
ERABEIS CHARRILLICHAR S.
GGJUDBER J.
GGOLDBER J.
HITCHAR S.
HITCHAR S

## 1978 Cont.

JONES, G, LEDNARD C.

KUNZ, FREDERICA L.

LANGKOPF, BRENDA S.

LANGKOPF, BRENDA S.

LANGKOPF, BRENDA E.

LANGKOPF, BRENDA E.

LEVINGS, DAVID M.

LEE, DANNSELE WINRES

LEOPARD, ELLIA M.

LEE, DANNS ELLIA M.

LEVINGS, DAVID M.

LIESCHEIDT, BR ENDANE

LINCICOME, E.A. ELIA M.

MC MINN, RITAS.

MC ALLISTER, WILLIAM C. III

MC KEAN, RITAS.

MC KEAN, RONALD S.

MELCHEN, JOHNALD S.

MELCHEN, JOHNALD A.

MICHELL, SANDAR J.

MORAGAN, RONALD A.

MICHEL, JAMES J.

MICHELL, JAMES J.

MORAGAN, RONALD G.

MICHEL, JAMES J.

MICHELL, JAMES J.

MORAGAN, RONALD G.

MICHEL, JAMES J.

MORAGAN, RONALD A.

MICHELLER, JAMES J.

MORAGAN, RONALD A.

MICHELLER, JAMES J.

MICHELLER, JAMES L.

MORAGAN, RONALD G.

MICHELLER, JAMES L.

MILLESTER C.

SAPPHELDIN, MICHAEL E.

SCHAEFER, H.

MILLESTER C.

SAPHAEFER, H.

MILLESTER C.

SAPHAEFER, H.

MILLESTER C.

SAPHAEFER, H.

MILLESTER C.

MALKER, BRIAN A.

MILLESTER C.

MALKER, WILLIAM D.

MALKER, WILLIAM D.

MILLESTER C.

WALKER, WILLIAM D.

WALKER, WILLESTER C.

WALKER, WILLIAM D.

WALKER, WILLIAM D.

WHILLS, JAMES H.

WILLIST, JAMES H.

WI

## 1979

ACKER, RONALD K.
ARNDLD, ROBERT D.
BALES, BRUCE S.
BEILSTEIN, GREGORY L.
BELD, WALTER P.
BUCHANAN, E. CLAY III
BUCKWALTER, JOHN R.
BUCKWALTER, JOHN R.
BUCKWALTER, JOHN R.
BUELER, FREDERICK JR.
CAMPBELL, WOLFGANG S.
CANIZARES, HUGO M.
CLAYTON, ROY T.
CLAYTON, ROY T.
COLE, RICHARD E.
CROMER, ERIC J.
DEWING, H. HARVEY
DINH, TUYEN VAN
DONALDSON, KEITH L.
DOYLE, PATRICIA A.

## 1979 Cont.

DREW, WY, BRUCELLAY E.

ENGLEHART, WILD D.

FAUST, MICHARL B.

FEAGAN, WILBUR S.

FIELD, LINNA R.

FORD, STEPHEN P.

FORSTER, MILD G.

FORDN, ANNE

GARDNER, DONALD J.

GREENWARLT, TIMOTHY A.

JANSEN, JAMES R.

HEHMEYER, MICHARL J.

KEINSCH, JOHN M.

HENSON, D. KENT

HODGES, JOHN L.

JANSEN, JAMES L.

JANNEM ANNA STEPHEN

JANNEM ANNA STEPHEN

KEINSCH, THOMALD S.

KUDS, L.

JANSEN, JAMES R.

LAGMERY, JEFFERTY

KOLUS, LI, JAMES R.

LAGMERY, JEFFERTY

KOUS, LI, JAMES R.

LOCKINGTON, STEPHEN

MCUMBER, THOMALD

NEUBBER, CARCLEY

NIEBER, CARCLEY

NEUBBER, CARCLEY

NEUBBE

## 1980

CHRONISTER, DONALD J.
ENSBERG, ROBERT A.
ETEM, RICHARD D.
FRITSCHEN, HERMAN A. JR.
HICKS, GREGORY K.
HICKS, GREGORY K.
HUNT, J. RICHARD
KILLINGER, JOHN C.
KILLINGER, JOHN C.
KNOCH, JAMES W.
LEDERLE, GARY J.
ROENFELDT, MARK.
ROLOFF, DON V.
STEWART, FKA IZER M.
TELTHORST, EDGAR J.
WRIGHT, HAROLD R.



1980 Rollsmo

## **Century Club**

The Century Club Honor Roll for 1980 lists the names of 726 donors whose gifts made them eligible for membership in the Club. In 1979, the Honor Roll carried the names of 586 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 Annual Fund." There were 38 members in the first year of the Century Club and you slide rule or caculator will allow you to figure the percentage of increase in the last 12 years.

#### \*Deceased

A. I. A. Abdel Latif, '71 Mrs. Gene Abernathy Henry S. Adamick, '44 Rex Alford, '40 James S. Anderson, '55 William A. Anderson, '60 Andreas A. Andreac, '41 Robert A. Andreae, '69 licki M. Andreae. '70 Wayne T. Andreas, '58 J. Lewis Andrews, '24 Frank C. Appleyard, '37 David W. Archer, '55 Frederick W. Arnold, Jr., '36 Robert D. Arnold, '69 Donald R. Askeland Marion L. Atkinson, Jr., '25 George W. Axmacher, '42 Roy O. Bachmann, '74 Arthur G. Baebler, '55 Robert F. Baerveldt, '48 Keith E. Bailey. '64 Walter E. Baily, '49 Ronald E. Baker, '78 Jack S. Balmat, '48 Ralph Banks, '48 Robert L. Banks, '44 Arthur H. Barclay, Jr., '37 Hubert S. Barger, '39 Charles R. Barnard, '20 Byron A. Barnes, '31 Herbert D. Barnhart, '44 Carlton W. Barrow, '36 Edwin H. Barsachs, '50 Donald S. Bartel, '64 Donald L. Bartling, '63 Richard H. Bauer, '52 William J. Bauman, '71 Dale M. Baumbach, '63 George R. Baumgartner, '56 Rupert P. Baumgartner, '28 Walter A. Baumstark. '40 Robert D. Bay, '49 Reade M. Beard, '36 Donald W. Beegle, '64 Allen G. Behring, '66 Gregory L. Beilstein. '79 David C. Belden, '79 Maurice O. Bellis, '43 Wayne J. Bennetsen, '41 Charles W. Bennett. '49 Paul W. Benz. '60 Vernon G. Berkey, '50 Joseph P. Berndt, Jr., '43 Hugh R. Berry, '25 Jerome T. Berry, '49 Charlotte A. Bhasin, '77 Kul Bhasin, '76 Patrick K. Bier, '75 Norman D. Blair, '41 Philip L. Blake, '24 C. Dudley Blancke, Jr., '51 David S. Blauvelt, '75 George J. Boje, Jr., '50 Lucien M. Bolon, Jr., '59 Morris Boorky, '39 Marvin E. Borgmeyer, '74 Harry F. Bossert, '27 James H. Bottom, '43 James I. Bowman, '78 Charles L. Boyd, '51 Marvin W. Boyd. '53 Robert K. Boyd, '41

12/MSM Alumnus

Robert M. Brackbill, '42 Matt W. Bratovich, '73 Robert P. Braun, '76 Francis V. Breeze, '49 Coy L. Breuer, '49 William Brewer, '32 Joe F. Brock, '60 Frazier L. Bronson, '64 Ralph H. Brouk, '42 Guy Brown, Jr., '40 Robert S. Bruce, '69 Michael A. Brueckmann, '74 Patrick H. Brugger, '7.5 Robert W. Buel. '50 Gene E. Buescher, '64 Melvin A. Buettner, '51 George E. Burke, '46 Otis A. Burns, '51 Robert R. Burton, '63 Ray E. Busch, '62 William D. Busch, '42 Herman C. Byrd, '50 Charles V. Cameron, '38 Wolfgang S. Campbell, '79 Hal E. Carter, '71 Albert E. Cawns, '59 James B. Chaney, '48 Dennis L. Chasten, '70 Willie Y. Chen. '50 Alex C. Chiang. '66 Henri Chomeau, '23 Randolph F. Cristen, '72 Gordon P. K. Chu, '64 Bruce B. Clark, '71 Charles F. Clarkson, '41 Roy T. Clayton, '50 Andrew A. Cochran, '41 Matteo A. Coco. '66 Benjamin R. Coil. '29 Ernest R. Cole, Jr., '66 Ralph C. Cole, '34 Richard E. Cole, '47 William W. Collins, '50 George W. Comanich, '51 Jack N. Conley, '31 Thomas W. Cook, '65 Donald J. Coolidge, '43 James M. Coonce, Jr., '57 Roy C. Cornett, '38 Harold R. Crane. '53 Donald G. Crecelius, '41 Joseph D. Crites. '49 James Crookston, '42 E. Jefferson Crum. '29 Ramona K. Cummings, '76 Ted M. Cummings, '76 Reed A. Curtis, '77 David Dalpini. '49 Arthur A. Dasenbrock, '51 Edwin A. Davidson, '50 Jerry W. Davis, '66 Delvert E. Dav. '58 Donald G. DeBolt, '49 Michael L. Deelo, '67 Dean A. Degenhardt, '74 John F. Delaney, '50 Kenneth L. Denney, '70 Powell A. Dennie, '40 William E. Dennis, '36 Richard L. Dickens, '51

Russell S. Dittmer. '29

Richard J. Dobson, '34

Henry W. Doennecke, '18

Roger A. Dort, '65 James D. Dowd, '44 Paul T. Dowling, '40 Jack S. Downs, '49 William L. Drake, '29 Waldemar M. Dressel, '43 Melvin J. Dull, '58 Roy H. Dunham, '47 Ervin E. Dunn, '51 Donnell W. Dutton, 35 Bruce W. Eberle, '66 Fay E. Eckert, '76 Ralph A. Ecoff, Jr., '68 Max E. Edgar, '35 Miller D. Einsel, '62 Clarence A. Ellebracht, Jr., '64 Elmer Ellis, '56 J. Craig Ellis, '38 William R. Ellis, '39 Floyd A. Ellison, '48 Howard W. Eloe Bernard M. Enfield, '50 Thomas O. English, '29 James M. Entwistle, Jr., '74 David A. Eppestine, '71 Diane C. Eppestine, '75 Donald L. Evans, '61 Durward E. Fagan, '34 Donald H. Falkingham, '41 John O. Farmer. John O. Farmer III. '63 Edward C. Farrell. '41 William M. Farrell, Jr., '65 Charles M. Faulkner, '49 Wilbur S. Fagan, '76 John A. Feurer, '70 Armin F. Fick: '41 Raymond R. Finch, '43 Fred W. Finley, '41 Thomas J. Finley, Jr., '39 Edward C. Fiss, '36 Virgil J. Flanigan, '60 Jack E. Fleischli, '43' Robertr F. Fleischman, '76 David J. Flesh, '23 H. William Flood, '43 Ferrill E. Ford, Jr., '78 Ragan Ford, '23 James M. Forgotson, '20 George E. Fort. '40 Jack D. Foster, '49 Wayne S. Frame, '23 George J. Freebersyser, '53 Edward S. Fris. '43 Herman A. Fritschen, Jr., '51 Harold H. Fukubayaski, '66 William L. Gabelmann, '50 Elmer Gammeter. '26 William H. Gammon, '49 John W. Gardner II, '41 James H. Garrett, Jr., L. Wayne Garrett, '72 Edwin J. Garrison, '70 S. Craig George, '74 Bill L. Gerhart, '61 Martha M. Gerig, '69 Vernon A. C. Gevecker, '31 John W. Gibson, '74 Kristie C. Gibson, '74 Dale D. Gilliam, '55

Jerry L. Gilmore, '60

Mark S. Giulvezan, '75

Guy V Givan, '69 William A. Givens, '61 Thor Gjelsteen, '53 Clifford Glassel, '63 David E. Glenn, '51 William Godwin, '25 James D. Gostin, '44 David S. Gould, '51 Joe E. Gray, '54 Sidney J. Green, '59 James I Gregg, 23 Marguerite A. Gregory, '30 H. M. Griffith, '27 James Grimm, '30 Willis G Grinstead, '45 Henry E. Gross, '28 Gary M. Gulick, '69 Russell A. Gund. '40 Douglas G. Gundy. '72 Henry K. Hachmuth, '67 Alden G. Hacker, '41 Robert E. Hackmann, '48 Harold J. Haffner, '35 Edward D. Hale, '32 Comer C. Haley, '48 Wilbur A. Haley, '43 Ralph D. Hall, '40 William L. Hallerberg, '62 William M. Hallett, '55 Walter L. Hampson, Jr., '50 J. Richard Hansen, '44 Peter G. Hansen, '53 Walter C. Harbison, '48 William S. Harper, '51 Oliver E. Harris, '60 Gerald W. Haslett, Jr., '55 William F. Hauck, '25 Gary W. Havener. '62 Irvin J. Hawkins, '50 Eldon W. Head, '58 Burns E. Hegler Carl J. Heim. '25 Karl W. Heimberger, '20 Frederick W. Heiser, '39 William B. Heisler, '50 Albert L. Heitmann, '25 William H. Hellwege, '47 Robert E. Helmkamp, '76 Gerald E. Henderson, '61 Joseph T. Hepp. '48 Theodore Herman '28 R. R. Herrell. '27 Thomas A. Herrmann, '50 Michael S. Herzog, '62 Robert M. Hess, '59 Albert J. Higgins, '50 Albert L. Hill, '28 William E. Hill, Jr., '42 Delores J. Hinkle, '75 K. Daniel Hinkle, '72 Sam D. Hodgdon, Jr., '28 John L. Hodges, '61 Arthur J. Hoeman, '32 Eugene F. Hohlfelder, '51 Robert G. Holley, '64 Michael L. Holt, '72 Robert J. Holt. Sr., '78 Donald L. Honerkemp, '50 Bert F. Hoover, '23 William E. Horst, '51 Richard B. Howell, '48 James A. Huddleston, Jr. '66 J. Richard Hunt, '50

Robert F. Huston, '63 Mohammad A. Ibrahim. Clarence A. Isbell, Jr., '50 Edward S. Isenmann, '44 Farl E. Jackson, '51 Dennis F. Jaggi, '70 Francis P. Jaquay, '77 Richard L. Jaquay, '63 \*Joe R. Jarboe, '30 Robert D. Jenkins, '53 \*Charles H. Jennings, '30 Charles W. Johnson. Gordon E. Johnson, '59 Virgil A Johnson, '47 Alan W. Jones, '72 Billy R. Jones, '56 Eugene F. Jones, '48 Sam P. Jones, '49 Vernon T. Jones, '53 Oliver W. Kamper, '35 Ching Nan Kao, '70 Louis Kapernaros, '50 Joseph T. Karbosky, '42 Andrew W. Kassay, '32 Raymond O. Kasten, '43 Karl W. Kaveler, '30 Edwin A. Kehr, '50 Wayne R. Kemp, '70 Claude L. Kemper, '24 Daniel Kennedy, '26 Harry E. Kennedy, '51 Herbert E. Kent. Nevada A. Kent III, '53 William D. Kent. '43 Charles B. Kentnor, Jr., 240 Hossein R. Keshari, '60 Harry H. Kessler, '24 Alonzo R. Kieffer III, '59 Frank M. Kieffer, '66 Carl G. Kind, '41 Frank W. King III, '74 Ronald M. Kingsbury, 355 Ruel L. Kirkpatrick, 31 Charles L. Kitchen, 26 Kenneth T. Klebba, '60 James L. Knearem, '53 William E. H. Knight. '24 James J. Knowles. Richard H. Knox. '27 Kenneth C. Ko. '70 David E. Koehler, '75 Beverly W. Koeppel, '38 James W. Koewing, '73 Melanie A Koewing, '74 Alan S. Kornacki, '74 John J. Kovach, '50 Donald J. Kozeny, '57 Ralph H. Kramer, '66 Ronald W. Kraus, '64 Harold A. Krueger, '42 Raymond J. Kruep. '66 Frederick S. Kummer, '52 Edward W. Laird, '49 Jennings R. Lambeth, '41 Paul T. Lammert, '79 Eugene B. Lanier, 38 Gilbertt H. LaPiere, '47 Allan H LaPlante, '63 Lawrence J. Larkins, '75 Helen D. Lasko. John O. Latimer, '66 John C. Latzer. 61 Neal I Lawson, '59

Harvey B. Leaver, '48 Walter P. Leber, '40 Walter Lee, 53 Charles I Lehmann, '51 B. Neil Lewis, 58 I: Dianne I micome, '78 James D. Linicome, '77 Milan Lipensky, '53 Vernon I Loesing, '42 Floyd E. Loftin, '61 Joel F. Loveridge, '39 William S Lowe, '69 R. Ralph Lusk, '27 H. John Lutz, '59 John H. Lyons, '42 Fdwin G. Machin, '22 Paul M. Machineier, '63 Ferdinand G. Machmer, '40 Frank Mackaman Arnold W. Maddox, '55 John N. Mangoft, Jr. '76 Joseph M. Marchello Charles F Marosek, '61 Donald W. Marshall, '50 Dan W. Martin, '52 Kent W Martin, '42 Hovd Mason, 53 Fred P. Matlack, 25 Peter F. Matter, 37 Allen R. Maune, '30 Joseph D. McBeth, 53 Hollis E. McBride, '26 William F. McConnell, '42 George F. McCormack, '48 Martha McCormick Mary H. McCracken Belding H. McCurdy, '38 Arthur R. McDermott, '50 Collins H McDonald, '35 Vernon T. McGhee, '42 Shawn K. McGuire, '79 John F. McIntyre, Jr., '52 Jack B. McKee, '41 James M. McKelvev, '45 Ralph E. McKelvey, '48 William P. McKinnell, Jr., '47 Druery W. McMillan, '76 A. Dale Mears, '61 James M. Medlin. '67 Michael F. Meehan, '64 Robert H. Mendell, '50 James H. Menetee, '36 Edmund L. Mengel, '49 William K. Mengel, '50 Allen W Meskan, '61 David A. Meskan, '52 Henry W. Meyer, '32 Hilbert F. Michel, '36 Joseph E. Michelotti, '52 Frank S. Millard, '37 Chester E. Miller, '50 James G. Miller II. '38 James R. Miller, '44 Janet B. Miller, '74 Richard J. Miller, '67 Robert C. Minton. '58 George L. Mitsch, '40 Henry D. Monsch, '29 Edward W. Mooney, '50 Joseph W. Mooney. '39 Ronald T. Moore, '71 Ernest Moran, '27 J. Derald Morgan, '65 William A. Morgan, '49 Mrs. Richard Morgenstern Gerald P. Morris, '66 Michael J. Mullen, '76 Walter C. Mulyca, '65 Paul R. Munger, '58 James J. Murphy, '35 Paul J. Nauert, Jr., '78 Kenneth R. Neal, '30 Stephen R. Nelson, '77 Ralph L. Neubert, '42 James A. Neustaedter. '43 James R. Nevin, Jr., '42 Marvin E. Nevins, Jr., '41 Roland J. Niederstadt, '50 Nelson H. Noell, '61 William J. Nolte, '20

Amos Norman, '49 Oliver S. North. '50 Wallace F. Northup, '58 David L. Oakley William F. Oberbeck, Jr. '72 R Kevin Oberdick, '76 James 1 Odom, '61 Thomas J. O'Keefe, '58 Douglas G. Oldham, '69 Edgar Oliphant, '52 Stephen A. Olson, '78 John J. O'Neill, Jr., '40 Claude J. Osbourne, '53 Herbert R. Osterwald, '30 Peter F. Otten, '6. Conrad G. Otto, '69 P. Darrell Ownby, 62 Jack K. Ozawa, 45 Clifford F. Page, '31 John L. Painter, '50 Rebecca J. Parkhill, '77 John W. Parks, '50 James L. Pasley, '25 Jerome D. Patterson, '61 William E. Patterson, '53 James R. Paul. '43 Murray J. Paul, '27 Criag L. Payken, '74 David N. Peacock, '64 Robert E. Peppers, '50 Lajos B. Peresztegy, '65 E. L. Roy Perry, '40 Robert C. Perry, '49 George I. Perryman, Jr., '47 Herman J. Pfeifer, '36 Ronald Pinaire, '75 Louis A. Pisacane, '58 \*Theodore J. M. Planje, '40 Jim C. Pogue Marilyn Pogue Robert A. Pohl. '42 Kenneth D. Pohlig. '64 Robert M. Ponder, '50 Rolland J. Ponzer, '74 Clayton G. Porter. '68 John R. Post, '39 C. J. Potter, '29 V. Lee Powell, '55 Herman W. Pracht, '43 Robert K. Preiss, '50 Francis C. Prewett. '66 Steven T. Primeau. '77 Richard G. Prough. '38 James F. Raithel, '71 Joseph E. Rakaskas, '40 John P. Rasor, '36 Edgar A. Rassinier, '42 Charles T. Ray, '70 Thomas J. Rechtien, '75 Michael L. Reed, '70 Kenneth E. Reisen, '50 Charles R. Remington, Jr., '49 Donald E. Reser, '56 Roger L. Retzinger, '75 Lloyd E. Reuss, '57 Earl G. Reynolds, '50 John A. Reynolds, '71 Robert P. Rhoades, '32 A. E. Rhodes, '39 Jerry L. Rich, '74 Larry M. Rich. '66 Robert P. Ridley, '40 Vernon W. Rieke. '40 W. Robert Riggs, '32 Clay Robbins, '53 Irvin D. Robbins, '48 Gerald A. Roberts, '28 J. Kent Roberts, '50 Ronald R. Roberts, '75 S. Kent Roberts, '69 Ronald S. Robertson, '63 David A. Robinson, '71 Guy M. Robinson, '70 Harold R. Roenfeldt, '50 Don V. Roloff, '51 Lewis E. Rosser, '43 Paul B. Rothband, '43 Susan E. Rothschild, '74 Richard C. Runvik, '54

Thomas F. Rutledge, '62

William A Rutledge, '46 William F. Ruzicka, '73 Noel J. Rytter, '69 Carl L. Salley, '29 Ardeshir Samrad, '62 Erich Sarapuu, '51 Julius L. Sarzin, '49 Robert R. Schafer, '52 Mrs. Walter S. Schamel Fred Scharf, '53 John A. Schlensker, '55 Steven E. Schlueter, '73 Harold A. Schmid, '56 Hans E. Schmoldt, '44 Charles S. Schneider, '59 Norman F. Schneider, '50 Kenneth W. Schoeneberg, '44 John E. Schork, '47 Mrs Walter T. Schrenk James B. Schroer, '66 Louis H. Schuette, '29 Leonard L. Schuler, Jr., '49 Lloyd C. Schumann, '43 Sally S. Schwager, '76 Arthur S. Schwarz, '32 William K. Schweickhardt, '28 Robert E. Schweitzer, '41 James J. Scott, '50 J. Roger Scrivner, '52 Robert L. Seaman, '69 Bhikhubhai M. Sedalia, '51 Bryan G. Sec. '50 Joseph H. Senne, '51 Joseph G. Sevick, '49 James W. Shaffer. '42 Charles W. Shanes, '71 Everett W. Sharp, '40 William T. Sharp, '30 Andrew C. Shearer, '30 Robert W. Shields, '51 Cilbert R. Shockley, '42 Roy R. Shourd, '50 Michael F. Simmons, '64 Milton R. Skinner, Jr., '50 Gabriel G. Skitek, '43 Benjamin K. Smith, '55 Frederick J. Smith, '65 Harlan D. Smith, '48 Harry W. Smith, '51 Hubert R. Smith. '48 J. Warren Smith, '28 James A. Smith, '47 Leroy E. Smith, '39 Neil S. Smith, '68 Edward A. Snajdr. '61 Mrs. James W. Snider Russell Snowden, '47 L. Phillip Snyder, Jr., '50

Theodore J. Spalding, '69 Lawrence A. Spanier, '50 James J. Spence, '68 Irvin C. Spotte, '38 Frederick M. Springer, '49 Guy W. Staples, '26 F. Clifton Steed, Jr., '69 James W. Stephens, '47 Janet A. Steury, '70 Thomas D. Steury, '70 Billy Stevens, '50 Walter I. Stevens, '47 Gerald L. Stevenson, '59 Frazier M. Stewart, '40 Leslie D. Stewart, Jr., '66 Joe A. Stoll, '57 S. Allan Stone. '30 Robert A. Strain, '50 Joseph O. Strawhun, '41 John F. Strong, '50 C. F. P. Stueck, '43 Alfred L. Summers, Jr., '72 Huey Summers, '40 Robert W. Sundermeyer. '65 David A. Sutton, '58 Kenneth A. Swanson, '59 David W. Swinny, '70 Paul E. Tanner, '49 Clifford C. Tanquary, '57 Ronald A. Tappmeyer, '47 Fred N. Taylor, '39 Otis H. Taylor, '42 Edgar J. Telthorst, '49 Roy L. Testerman, '60 Albert L. Tetley, '39 Wayne Thielsen, '61 Harold D. Thomas, '27 Bennet R. Thompson, '26 Dudley Thompson Gordon R. Throgmorton, '31 Harold E. Tibbs, '50 Carlos H. Tiernon, '54 James B. Timlin, '50 Lamar S. Todd, '60 Anton J. Tomasek, '63 John B. Toomey, '49 James O. Toutz, '54 Charles W. Travelstead, '74 Armin J. Tucker, '40 Ronald W. Umphrey, '66 Daniel H. Underwood, '76 Claude N. Valerius, '25 Charles W. Van Eaton III, '48 Robert E. Vansant, '51 William J. Vark, '50 Charlie F. Vaughn. '55 Donald J. Vejvoda, '68 Joseph E. Vollmar, Jr., '76 Stephan M. Vrazalich, '77 Richard H. Walker, '48

William D. Walker, '58 Robert L. Walz, '52 Joseph M. Wanenmacher. '23 Robert N. Warren, '57 Paul A. Watkins, '48 Chris M. Wattenbarger, '41 Royal S. Webster, Jr., '55 W. Keith Wedge. '70 Ernst A. Weinel, '44 Robert Weinel '51 Harold A. Weinland, '53 Carl J. Weis, '43 Kent Weinsenstein, '60 Gary E. Welch, '62 Charles A. Wentz, Jr., '57 Edwin J. Werner, '49 Harry E. West, '59 Thomas E. Weyand, '66 Henry P. Whaley, '48 Ernest S. Wheeler. '22 Jennie Lenox Wheeler. '22 Leroy K. Wheelock, '52 Charles A. White III, '71 Mark S. Whitney, '73 Virgil L. Whitworth. '23 Dave A. Wicker, '44 Dirk H. Wiebe, '64 Richard H. Wieker, '59 Russell H. Wiethop, '32 Larson E. Wile, '51 Roy A. Wilkens, '66 Augustus B. Wilkerson, '23 Anita L. Williams, '70 Rex Z. Williams, '31 Russell E. Williams, '57 Victor F. Wilreker, Jr., '71 Tommie C. Wilson, '64 David J. Wisch, '75 Louis B. Wissler, '43 Patricia S. Wist, '74 Kerry R. Withrow, '58 Bobby G. Wixson Robert V. Wolf, '51 Ted R. Wolfarth, '48 Christopher S. Wood, '78 Richard A. Woodfield, '66 Morris T. Worley, '61 Harold R. Wright, '50 John C. Wright, '61 De Marquis D. Wyatt, '41 Joseph J. Yancik, '56 Kenneth H. Yochum, '50 Robert J. Yochum, '49 Marvin C. Zeid, '51 Donald G. Zimmerman, '50 Henry E. Zoller, '23 Jacques W. Zoller, '42 Victor H. Zoller, '43 Frank J. Zvanut, '32 Michael C. Zwirbla, '48

## **Engineering Management Building Trust Fund Donors**

1980 contributions to the UMR Engineering Management Trust Fund are listed below. The trust fund is a tax deductible charitable trust established by E. A. Smith in December, 1978. The purpose of the trust is to "Help provide capital funds to help defray the cost and expenses of construction of a new Engineering Management Building which the University plans to construct on the campus in Rolla, Missouri."

Abbott, James W. Ahmed, Abdullah Y Amthauer, David E. Barczewski, David E. Beckmeyer, Margy A. Bene, Debra A. Bowman, james 1. Brandhorst, Lynn D. Brinton, John C Canizares, Hugo M. Cieciwa. Gregory A. Cole. Daniel F. Dolle, Gary L. Durling, Veronica S. Erickson, Gordon L. Garrigan, James T. Gaw. Martin T. Goodman, Roger K. Gordon, Kraig L. Hart. Gerald J. Hatlan, James T Hawk, Dexter W. Hedington. Dennis H.

William S. Soper, '57 John P. Soult, '39

> Hill, Elmer W. Hill, Randall S. Hinkle, K. Daniel Huck, Mark F. Jurgens, Carl A. Jr. Kallenberger, Daniel L. Keys, James W. Lambert, Donald B. Lee, Stephen K. Lincicome, E. Dianne Lincicome, James D. Nagy, John T. Newton, Glenford A. Jr. Northern Foundation O'Dear, Craig S. Offutt, Joseph C. III Olusanya, Olusegun O. Owens, Thomas J. Packaging Machinery Mfgrs. PPG Industries Park, Robert B. Perry, Norris W. Peters, John W.

Ponzer, Rolland J. Posey, Jack W. Ross & Baruzzini, Inc. Reese, Bartley L. Rushing, Larry L. Scarff, Edward A. Schnurbusch, Larry J. Sealright Co. Inc. Smith, Edward A. Smith, Harry B. Stanley, Nicholas C. Stine, Howard H. Jr. Stoltz, William A. Suetterlin, Jack F. Tallon, Richard J. Thiede, Alfred J. Toula, Terry N. Udomkanjananan, Teerapon Vaughan, Gerald W. Viox David F Weis. Steven C. Wilson, Daniel M. Yadon, O. W. Tobey

## **University Development Fund Sets New Record**

We have enjoyed our participation in a truly magnificent chapter in the history of the University of Missouri-Rolla. History has indeed been made by the University Development Fund. The securing of \$2,011,086.04 in gifts during 1980 is an advance in private fund raising that will never be forgotten and will benefit the University of Missouri-Rolla for many years.

Gifts to the Development Fund took many forms, included are a precious gem collection, an active mining claim, and computer hardware. The majority of the gifts were cash and securities. More than 2,700 gifts were received and processed during the year. Many of these gifts were from individuals, corporations, and foundations who had never previously made a gift to the University of Missouri-Rolla.

These results can be reported in part because more volunteers worked on behalf of the University than ever before in our history. These dedicated alumni, parents, and friends, led by the Development Council, came from across the State of Missouri and from throughout the nation. The efforts of these people will result in greater dimensions in the excellence of the University's fund raising activities.

The Golden Shillelagh, the University's major gift club, increased its membership during the year from 53 to 58.

Vern Jones, '53

Abernathie, William E. Achterberg, Ernest R. Acker, Ronald K. Adamick, Henry S Adams, Gregg & Sally Adawi, Ibrahim Ahland, Mr. & Mrs. Wayne Alexander, Andrew & Susan Alexander, Jr. Ralph W. Allen, Harry W Allen, Jr. John E. Allgood, Mr. & Mrs. Robert Anderhub, Anthony P. Anderson, Martha Anderson, Mr. & Mrs. E. R. Anderson, Patricia A Anderson, Richard A Anderson, Searles T. Andreae, Robert A. Andreas, Wayne T Andrews, William W. Asnpach, Earl E. Appleyard, Frank C. Archer, Glenn & Dolores Arneson, A. N. Arnett, Kenneth E. Ash, Richard L. Atkinson, Jr. Marion L. Aubrey, Jr. Leo A. Aughenbaugh, Nolan B. Austin III Thomas F. Avery, M. Ronald Avula, Xavier J. Axmacher, George W. Ayars, Robert S. Ayer, John & Hope Babcock, Daniel L Bagley, William C. Bailey, Keith E. Bailey, Stephen & Marg Baily, Walter E. Baker, Chester H. Baker, John P. Baker, II Walter A. Balaz, Jr. William P. Ballou, Brian & Linda Barczewski, David E. Barefield, Robert S. Barger, Hubert S. Barker, Marvin W. Barnard, Albert E. Barr, Jo W Barr, Ralph S. Barsachs, Edwin H. Bartlett, Dr. & Mrs. Hugh Bartlett, Sylvan Basch, Burnett & Jane Bash, David A Battaglino, Daniel Bauer, Richard H. Bauer, William C. Bauman, William J Baumann, Richard E. Baumgartner, Rupert P. Baumstark, Walter A. Bay, Robert D. Bayless, Jerry R.

14/MSM Alumnus

Beardmore, Harold R. Beck, Sharon W Beecher, Richard Beil, Walter F Bell. Robert J. Benard, John Bender, John H Bene, Debra A. Bene, Mr. & Mrs. Vince Bening, Robert G Benn, Edward Bennetsen, Wayne J Bennett, Carrol P. Benson, William A. Berg, Helen M. Bergtholdt, Stephen J. Berkbigler, Larry W Bermi, Samuel A. Berrey, Mary Jane Berry, Charles A. Berry, Jerome T Berry, Robert T. Bertnolli, Edward C. Berwald, Gail B. Besleme, James H. Bess, James D. Beunen, Joseph A. Bevel, Jerry E. Beveridge, Mrs. T. R. Bie, Wendy A. Bise, Wayne & Shirle Blackwood, Gary & Jean Blankenship, Dean M. Blattel, Steven R. Blauvelt, David S. Bledsoe, James N Bledsoe, Wayne M. Blevins, Larry G. Blizewski, Brent Blumfelder, William O. Bockhorst, Don & Mable Bogan, James J. Bohley, Ronald G Boll, Herman Bollinger, Howard Bolon, Jr. Lucien M. Bondi, James O. Bondurant, David W. Bonewits, Harvey & Margu Bono, Sr. Thomas L. Bontz, Daniel L. Boorky, Morris Borgmeyer, Thomas S. Bosch, Wouter Boulson, Charles E Bourne, Donald W Bowles, Janet F Boyd, Kent C Boyd, Mrs. J. K Boyd, Robert K Boyd, Scott S Boyt, Eugene P. Brackbill, Robert M. Braddock, Paul F Bradley, Henry J. Bradley, Kenneth R

Brady, Dale E.

Branson, Donald A. Branstetter, Elna M. Bratovich, Matt W. Brenneisen, Joe F. Brenning, Eugene D. Breshears, Otis & Joan Breuer, Coy L. Brewer, John M. Briggeman, Homer & Adalen Broaddus, Mrs. Wayne R. Bronson, Frazier L Brotherton, Charles K Brown, Geneva Brown, Jr. Guy Brown, Harry A Brown, Phillip O. Brown, Robert N Brown, Roger & Harrie Brown, Willis L. Browning, Bertie L. Broyles, Charles L. Bruehmann, Ott & Helen Brunnenmeyer, Lester R. Bruno, Mark T. Brunson, Vernon T Bryant, James & Barbara Budd, Vincent J. Buehrlen, Earl & Nancy Bull, Russell & Mary Bullman Mrs Gale Burgett, Max A. Busch, William D. Butler, Dennis F Butterfield, David A Butts, Dr. & Mrs. James Butts, James D. Butts, Michael C Byrd, Herman C Byvik, Charles E Cain, Thomas & Thelma Calandro, Rosalind R. Callahan, Carter Callahan, Jerry & Carol Calodney, Martin M. Calton, Lynn B. Canizares, Hugo M. Cappellari, Lewis C Carlo, Joseph W Carlton, Paul F Carmichael, Ronald I. Carnes, Ross O. Carney W. Dale Carozza, James L Carpenter, Lloyd W. Carr, Jr. Walter J. Carroll, August & Anna Carroll, Timothy J Carrolla, Ross R Carson, Alan W Carson, Ralph S. Carstens, John C Carter, Hal E. Carter, Ronald W.

Case, Walker E.

Chaney, James B.

Castleman, Donald L.

Cheek, Michael R. Chen, Willie Y Cheng, Franklin Y. Chervitz, Jerrold Chomeau, Henri Chorney, Peter L Christen, Randolph F. Christensen, Lawrence Christopher, Leo L. Chrypinski, Jan C Chrysler, Edward & Colet Chu, Gorden P. K. Cibulka, Mr. & Mrs. Norman Cima, Gregory F. Clark, Dennis A. Clark, J. Beverley Clark, Robert E. Clark, Terry & Marita Clay, Barry & Sandra Clayton, Barbara J. Clayton, Roy T. Clinkingbeard, Terry A. Clinton, Elizabeth P. Clodfelter, Gene C. Cogell, Elizabeth A. Cohen, Jerry L. Cohen, Mrs. George Cole, Daniel F Cole, Jr. Ernest R Cole, Malcolm B. Cole, Patrick L Cole, Richard E. Colgrove, George A Collins, II Jesse H. Colwell, Philip E Conner, Stella Conner, Truman & Shirl Conrow, Dennis D. Cook, Henry B. Cool, Leroy T. Cooper, Evelyn B. Cooper, Richard C Corn. Arther & Mary

Chang, Kaung Jain

Cox, W. E. Craig. Wallace C Creighton, Harlan & Wilma Crews, Eddie L Crissup, David A Crookston, James Crosser, Orrin K. Crowley, Arthur D. Crum, Edward H. Crumbaugh. Daniel H. Cubit, James & Laurie Culbertson, William W Cullen, Michael J. J. Cullen, Michael M. Cullison, Elizabeth Cummings, Alan Cuthbertson, Mrs. G. Raymond Cutler, David Daane, Adrian H. Dalpini, David Daniels, Armand & Janic David, Edward G Davidson, Edwin A Davis, Gary W. Davis, Jerri V Davis, Jr. Ralph T. Davis, Robert L Davis, Russell & Pats Dawson, Darrow & Maria Day, Delbert E. Dean. Warren E. Dearth, David W. Debolt, Donald G. Dekock, Arlan R Delaney, John F. Delany, Michael J. Deles, Vincente D. Denney, Kenneth L. Dennie, Powell A. Deragowski, Gene De Shazo, Neal' Desvousges, William H. Deutsch, Peter W. Devine, John & Barbara Dewar, Harold

Cornett, Roy C.

Couch, G. Robert



1980 Rollamo



1980 Rollamo

Dewing H. Harvey Dick, C. Alfred Dieckmeyer, Jr. Orrin J. Diederich, James J. Dietrich, Frederick J. Dietzman, John F Dimaggio, Thomas Dinh Tuyen, Van Dinsdale, James Ditton, Jr. Vernon R. Divers, Wesson & Mary Dods, Stuart Doe, Bruce R. Doennecke, Henry W. Dolan, Thomas J. Doleckli, Stanley Doll, Paul N. Donaldson, Keith L. Dostal, Gregory G. J. Dowling, Paul T. Dovle, John J. Draper, Bernard & Jacq Drummond, Floyd M. Duenckel, Robert J. Dunn, Paul P. Durling, Veronica S. Eberle, Bruce W. Eck. Robert A. Eckert, Fay E. Eddy, James & Edith Edwards, Mrs. Francis C. Eike, Clarie & Marga Eisenman, Harry J. Elifrits, C. Dale Ellebrecht, David E. Elliott, Joseph O. Elliott, Madonna Ellis, J. Craig Ellis, Mr. & Mrs. J. E. Ellis, Thomas B. Ellis. William R. Eloe, Howard W Emanuel, Jack H. Engelhardt, Bill Engeman, Ivan L. Engineer, Roy English, Thomas O. Enke, Daryl D. Eppelsheimer, Daniel S. Epstein, Erwin H. Erb. Robert D. Erickson, Gordon L Esbensen, Edwin & Elsie Euler. Delores E. Eversman, Walter Eyberg, Walbridge P Falkenhain V. E. OD Farrar, Billy F. & Jane Farrell, Jr. William M. Faucett, Thomas R. Faulkner, Charles M. Fausek, Irwing F Faust. Ronald G. Feagan, Wilbur S. Fearon, Ralph & Shirle Featherston, C. Ronald Federow, Harry

Fennewald, Gary J.

Ferrell C. Stuart Ferry, Mr. & Mrs. Flo Fesler, Carney C Festag A. P. & Joan Fick, Armin F Finch, Jr. David M. Fine. Morris M. Finkelstein, Bessie Finley, Charles B. Finley, Fred W. Finley, Mr. & Mrs. E. B. Fischer, George & Mary Fischer, Rev. John H. Flanigan. Virgil J. Flentje, Linda C Flentje, William Flesher. Robert G. Fletcher, Robert A. Flood, Thaddeus F Fogarty, Dr. & Mrs. W. Fogarty, Edward J. Foltyn, Stephen R. Ford, William A. Forgotson, James M. Fort. George E. Fowler, Martha S. Fox. George W. Frame, Wayne S. Francis, John & Elsa Frank, Gregory B. Freeman, Charles A. Freeman, Mark L. Friberg, Stig E Friese Michael M Fris, Edward S. Fritchey, Justin & Gerald Fronick, David H. Fuller, Harold Q. Fulton, Anne Funk, Joseph N. Gaebler, Robert F. Gahr, Mabel Galbierz, Bruce E. Galloway, Mrs. C. T. Gammeter, Elmer Gammon, William H. Gardner, Donald J. Garlich, Thomas K Garnett, Jack & Ida Garrett, Jr. James H Gates, Robert H. Gault, Randolph P Gavin, Brian & Rebecca Gaylord, Thomas K. Geonetta, Sam C Gerard, James A Gergs, Richard O. Gerlach: Paul D. Gevecker, Vernon A. C. Gibson, John W. Giese, Henry Gieseke, Donald & Janet Gilbert, Joan Giuliani, Dolores Givan, Guy V Givens, William A. Glaese, John R.

Glassel, Clifford

Gnade, Albert J. Gnecco, Richard & Sandra Goddard, Walter O. Goin, Paul & Margaret Goodman, Daniel K. Gordon, Jr. John A. Gould, David S. Graham, Glenn H. & Ruth Grannemann, H. Neal Grant, George T Graves, Thomas E Grawe, Mrs. O. R Gray, David L. Green, T. Howard Greening, Frank S Gregory, Scott H. Gremmer, Thomas B. Grice, Harvey H. Griffeth, Thomas J Griggs, Jr. Will Grimm, C. James

Grimm, Walter B. Groat, D. K. Grosberg, Alexander Gross, Alan, C. DVM Gross, Henry E. Gubernik, Ben & Fay Guehne, Elmer & Mary Guethler, Timothy A. Gundy, Douglas G. Haas, Kim Haberstock, Eugene R. Hacker, Alden G. Haddock, A. Glen Hadley, Stephen D. Haemmerlie, Frances M. Haffner, David & Donna Haffner, Harold J. Hahn, James H. Hale, Edward B. Haley, Comer C. Haley, Wilbur A. Hallett, William M. Hallows, Jr. Raymond L. Ham. John S Hambacker, John & Ro Elle Hamblen, John W Hammerand, Edward Hammett, R. Lucille Hanlon, Dennis R. Hanna, Samir B. Hansen, Peter G. Hansen, Robert C. Harding, George W. Harmon, John P. Harris, George L. Harris, Michael D. Harvey, Berna D. Harvey, Edwin T.

Harvey, Hugh W. Harvilla, George & Dolores Haseltine, Gregory K. Hasselmann, Karl F. Hastain, Kirk R. Hatfield, Charles Hatlan, James T. Haul, Robert W. Haviland, Robert P. Hawkins, David L. Haydon, Jack B. Head, David W Heflin, Bertha Heflin, Robert W Hegler, Burns E. Heider, Robert L Heilbrunn, Ilse, M.D. Heilig, Warren Heimsoth, Dan Heisserer, Karl M Hellrich, Limus H. Hellwege, James W. Henderson, Deborah Hendricks, Craig Henery, Edward N. Henry, Douglas J. Hepp, Joseph T. Herrell R. R. Herrick, Thomas J. Herrman, Mrs. Cecil

Hershberger, Bruce & Norma Heuckroth, William E. Higgins, Albert J Higgins, Arthur J. Hill. Otto H. Hillhouse, David L Hinkle, Delores J. Hirner, John A. Hitchcock, William Hitzeroth, Rev. & Mrs. John Hock, John R. Hockenbury, Melvin C. Hodgdon, Jr. Sam D. Hodgson, Jack & Evelyn Hoelzer, Essie H. Hoertel, William W. Hoffman, Kurt H. Hoffman, Mrs. Max Hoffman, Ronald E Holley, Evaline Holmes, Thomas A. Holmes, Wallace H. Holt, Michael L. Homer, St. Clair Honigfort, Henry F. Hoops, William C Hopkins, Alfred R. Hoppock, Harland H. Hornsey, Edward E. Hornung, Dr. & Mrs. Fra Houghton, Clark F. House, Max & Linda Howell, Richard B. Howell, Richard F. Howerton, Louise Hubbell, Sue Hubeli, James A. Huffman, Gene A. Hughes, Alice Margaret Hughes, George & Henri Hughes, Margaret D. Hughes, Richard A. Humphreys, Jr. Richard Hunt, J. Richard Hunt, Mrs. Mabel J. Hyman, Charles W Ihms, David W. liames, Carl E. Irvin, Patricia A

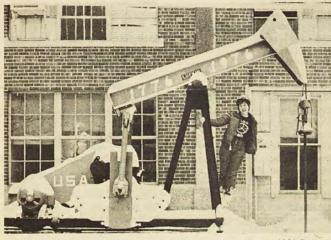
Jackson, Earl E. Jackson, Leroy H. Jaffe, David N. James, William J. Janke, Stephen R Jarboe, Rupert A. Jauer, Jr. Richard A. Jenkins, Lloyd H. Jenkins, Robert D. Jenks, Jr. William S. Jensen, William J. Johnson, Charles A. Johnson, Charles W. Johnson, Dr. & Mrs. Steph Johnson, James W. Johnson, Ken & Henriett Johnson, Margaret L. N. Johnston, Ronald L Jolley, Dr. J. B.

Jones, Alan, W. Jones, Dennis D. Jones, James H. Jones, Ronald L. Jones, Thomas A. Jones, Tim S. Jorcke, Oliver A. Jordan, Paul R. Joslin, Le Compte Jost, Robert D. Jostes, Mr. & Mrs. C. Jozwiak, Vincent R. Kahle, Thomas A. Kamper, Oliver W. Kamper, Russell A. Kaufmann, William J. Keeley, Gilbert S. Keeton, Joe Kehr, Edwin A. Keith, H. Dean Kellerman, Charles & Mary Kelly, Michael G. Kemper, Claude L. Kemper, Robert J. Kennedy, Daniel Kent, Herbert E. Kentnor, Jr. Charles B. Kenyon, Rex. E. Kern, Frank J. Kessler, Harry H. Khalifa, Saeed A. Khanwalkar, Rajendra T. Kieffer, III Alonzo R. Kiesler, A. James Killgore, Ross D. Kimmel, Lee Kimmick, Edward J. Kinder, Florence M. Kirkpatrick, Kevin P. Kirpatrick, Ruel L. Kirn, Don & Wilma Kisslinger, Fred Kitchen, Charles L. Klein, Martha D. Klein, Mr. & Mrs. John Klipp, James E. Klosterman, Michael J. Knauff, Carol C. Knehans, James H. Knight, Marlin R.

Knight, W. Nicholas Knight, William E. H. Knowles, Pauline D. Knutson, Elmo G. Ko, Kenneth C. Koehler, Brian M. Koehler, David E. Koenig, John W. Konrad, Richard J. Kornacki, Alan S. Koval, Leslie R. Kovener, Gary S. Kramer, Ralph H. Krebs, Carolyn A. Krener, Gilmore W. Kriegshauser, Jr. Paul C. Kroupa, Allan R. Krueger, Harold A.



1980 Rollamo MSM Alumnus/15



1980 Rollamo

Kruger, William A. Krummel, Jr. Clyde H Kuechler, Adolph H. Kuelker, Eugene L Kuhlman, William H. Kuntz, John R. Kunz, Frederick L Kurtz, Sam A. Kurz, Joseph & Linda Kutz, Anthony W. Kyburz, Edward P. Ladd, Harley W Laird, Edward W Lamar, Jerry & Frieda Lane, Jr. Thomas F Lang, Wayne & Betty Lange, Robert C Langston, T. R. Lannen, Richard & Rosa Lanning W. Ken Lapiere, Gilbert H. Laplante, Allan H. Lasko, Helen D. Lautenschlaeger, Steven D. Lawler, Charles E. Lawson, Vernon R. Leach, Mrs. Thomas Witt Leachman, Catherine S. Leaver, Harvey B. Leavitt, Mrs. J. E Leber, Walter P. Ledbetter, Terry J. Legsdin, Mrs. Adolph Leitterman, Dennis W. Lenox, Mr. & Mrs. Leste Levenson, Leonard L. Lewis, Tim Ley, Weber L. & Clar Lian, Chong-King Licht, Harry & Betty Lincicome, E. Dianne Lintner, Carl W Lipensky, Milan Livengood, Ross D Livingston, Robert G. Lloyd, G. Wesley Lloyd, Mrs. Samuel H. Lobmire, Daniel & Jane Lockhart, Frazer R. Loesing, Vernon T. Loftin, Floyd E. Logan, Edwin W Long, Gary J. Look, Jr. Dwight C. Lorey, G. Edwin Love, Donald & Kathrine Love, Mollyann Loveridge, Joel R. Lovinggood, Thomas & Nancy Ludwig, Michael F. Lueckenhoff, Roger & Loren Luehrman, Lois M. Lund, Carl M. Lusk, R. Ralph Lutz, H. John Lyon, James S. Lyon, Louise R. Mace, Harold & Juanita

16/MSM Alumnus

Mace, Leland & Freed Mac Glashan, Mark L Machmeier, Paul M. Mackaman, Frank Macklin, Floyd S. Maggi, Louise Mais, Raymond A Malisch, Ward R. Mangoff, Jr. John N. Manley, David B. Marble, James B. Marchello, Joseph M. Marfice, Paul & Joan Margulis, Augusta Markley, Stephen E. Martin, Dan W. Martin, G. Vilas & Dor Martin, Jr. J. Douglas Martin, Leonard & Catherine Martin, Roy S. Mason, Robert W. Matchell, Delores Mathews, Donald J Mathis, I. S. & Mary Max, Mary B. Maxwell, Larry May, John M. McBeth, Joseph D. McCarthy, John M. McCaw, Charles W. McChesney, Stephen McCloud, Roger W. McClure, H. Winston McCormack, George E McCormack, James E. McCreight, Richard L. McCurdy, Belding H. McDaniel, Dennis R McDaniels, John L. McDonald, Collins H. McDowell, Charles M McFarland, Charles E McGehee, Paul McIntyre, Robert C. McKee, Richard H. McKelvey, Ralph E. McKinnell, Jr. William P. McNabb, James E. McPherson, Jr. George Melick, Ross A. Mellott, Robert N Menamin, Margaret Mengel, William K. Metcalf, Walter B. Metzner, Henry E Metzner, John R. Meyer, Henry W Michelotti, Joseph E. Middendorf, Mark A Mikelionis, Lawrence J. Millar, Mrs. C. J. Millard, Frank S. Miller, Edward D. Miller, Michael J. Mills, Dr. Harlan D. Miltenberger, James L

Minden, Francis J.

Minne, Eric M.

Mische, William E Mitchell, Charles E. Mohr, John W. Monroe, Rex Monsch, Henry D. Montgomery, Miss Grace V. Montgomery, Robert L. Mooney, Joseph W. Moore, Robert F. Morgan, J. Derald Morgan, Joe Morgan, Louise Morgan, Michael L Morgan, Ray, E Morgenstern, Mary E. Morris, Arthur E Morris, Orville W Morrow, Patricia Moss, Robert D. Mouser, Gerald F Muehl, Edward S. Mueller, Raymond E Muhlbauer, Karlheinz C

Mullen, James G. Mullen, Michael J. Munger, Paul R. Murphy, Dan Murphy, Larry L Murr, James & Elaine Murray, Charles J. Murry, Milton J. Myers, Donald D. Myers, Robert E Nagy, John T. Nanney, Larry J. Napper, Richard & Roxi Nau, Elizabeth Neal, Kenneth R Nebel, Thomas C Nelson, Donald R. Nelson, Harve P. Nelson, Nicola A Neumeier, Leander A Neumeyer, Donald G. Noble, William D. Nolan, John B. Nold, Walter Norman, Amos North, Michael A. North, Oliver S. Northcutt, Maurice L. Northup, Wallace E. Nuss, Larry R. Nygaard, Kaare J. Oakley, David L. Oberbeck, Jr. William F Obermann, David F. O'Connell, Celia O'Keefe, Thomas J Okenfuss, Richard H. Oliver, Larry J. Olson, Ethel M. Olson, John P. & Estel Olson, Langus Omurtag, Janet Omurtag, Yildirim Oppliger, Larry D. Orrick, Dale J Ownby, P. Darrell Owsley, Ed. A. Oxenhandler, Louis & Bertha

Panhorst, Terry L. Park, John T Pasley, Lisa Patel, Mahesh S. Patterson, Jerome D Paul, Murray J. Pauls, Franklin B. Payken, Craig L Payne, Thomas E Peacher, Jerry & Barbara Pearson, Mr. & Mrs. Harry Peccola. Amel & Frances Pedersen, Constance Pence, Mrs. Harry Perkins, Michael A. Perry, E. L. Roy Perry, Michael M. Perry Norris W.

Pesante. Jose & Mildred Peterson, Henry N. Peterson, Jav A. Petrovic, Barbara Pfeifer, James W Phipps, John O. Pichat, Pojanasomboon Pierce, Thomas R Pinsky, Rose Pitts, David & Dana Planje, George & Leola Planje, Theodore J. M. Ploeger, Richard A. Podzimek, Josef Pogue, Jim C Pohl, Robert A Pohlig, Kenneth D Pohlmann, Edgar F Pomeroy, Mrs. G. K Pomeroy, Wilford C. Ponder, Paul E Ponzer, Rolland J. Poor, Mr. & Mrs. Gerald Popp, Raymond Porter, G. Scott Porter, Randy E Potter, C. J. Pottinger, III Hardy J. Prange, Mrs. Herbert L. Prater, Jr. Raymond B. Prewett, Francis C. Price, Delphia L Priesmeyer, Jr. William F. Priest, John E. Primm, Alex Proctor, Paul D. Pursell, Lyle E. Purtee, Aaron D. & Iva Quinn, Michael J. Rages, Kathy A. Raidt, Paul B. Rankaskas, Joseph E. Ramey, Roy R Randolph, Earl J. Range, Robert D Rankin, Norman O. Rankin, Rolfe J. Ranney, Dr. & Mrs. Royal Ransdall, Bill Rapplean, Kenneth J Rassinier, Edgar A Rath, David L. Rathbun, Betty M. Ratkey, Craig M. Rauls, Gary L. Ray, Charles T Ray, Robert L Reidt, Leroy J. Reisen, Kenneth E. Remington, Jr. Charles R. Remmers, Edward G. Remmers, Thomas A. Remmers, Mr. & Mrs. Walter E. Renick, Mr. & Mrs. Murray Renick, Murray Jr. & R. Renth, Mr. & Mrs. John Reynolds, Earl G Reynolds, John A

Rhoades, Robert P. Rhodes, A. E. Richards, Charles & Merry Richards, Lynda L Richards, Turner W Richardson, Margaret A Rickerd, Joan D. Rickey, John W Riden, Mrs. Marty Ridley, Robert P. Rieke, Vernon W Ries, Walter L. Rigg, Joseph E Rigler, A. K. Rine, A. L. Ringo, Myra Rittenhouse, Joseph W Rivers, Jack L Roach, D. Vincent Roach, Kenneth C Robbins, Irvin D. Roberts J. Kent Roberts, Omer H. Roberts, Ronald J. Roberts, S. Kent Robertson, B. Ken Robinson, C. C Robinson, David A Robinson, Guy M. Robinson, Larry L. Robinson, Marquis B. Rockaway, John D. Rockaway, Linda N Rogers, Douglas B. Rogers, Frank B. Roloff, Don V Roman, Robert & Donna Romero. Harold V Romine, Barry R. Roney, Bruce Q. Rosenburg, Janice E. Ross, Charles E. Ross, Charles J. Ross, Clay & Andrea Rosser, Lewis E Roth, Brian J. Roth, Priscilla H Rotramel, John David Rotramel, Mr. & Mrs. D. W Rouse, Allen L. Roush, Philip S. Routburg, Michael S. Routh. Dewey Roux, James R Royer, Leroy J Ruble, Craig & Linda Ruess. Tom J. Ruga, Kurt & Gail Ruhe, Paul & Ettie Rumler, Kurt Runcik, Karel & Anna E Rushing, Allen J. Rushing, Larry L Russell, Robert R. Rutledge, Thomas F. Rutledge, William A. Sachs, Alan & Rhoda Sackewitz, Robert A.



1980 Rollamo



1980 Rollamo

Stevens, Robert P.

Sadler, Carl L. Sadowski, John M Sakonyi, John J. Sally, Gene Sams, Jr. John L Sanders, Mrs. Fern C. Sands, William & Linda Sandstedt, Roger & Gudrun Sankovich, Richard Saporita, Vincent J Sarapuu, Erich Sarchet, Bernard R Sargent, Barry A. Sarzin, Julius L. Sauer, Jr. Harry J. Saunders, Dr.'s John & Car Scarff, Edward A. Scarr, Richard A. Schaefer, Rodney A Schaeffer, Charles H. Schafer, Robert P. Schaible, Helga Schamel, Mrs. Walter S. Scharf, Fred Scharf, Joel S. Scheer, Samuel A. Scheffner, Jack & Lois Scheiter, Gene & Margaret Schepflin, Michael D. Schiffner, Larry L Schilling, John R. Schlensker, John A. Schmidt, Frederick G. Schmidt Otto R Schmidt. Thomas E. Schmitt, John L. Schneeberger, Fred C. Schneider, Harry & Grace Schneider, Thomas P., Schnurbusch, Larry J. Schoeneberg, Kenneth W Scholtes, Peter Schowengerdt, George C. Schrader, Mark T. Schrenk, Mrs. Walter Schricker, Don Schroeder, Edgar B. Schroer, James B. Schroer, Wilbert F. Schubert, Fay E. (Eckert) Schuette, Louis H. Schultz, George & Helen Schumacher, Joanne Schumann, Lloyd C. Schwager, Sally S. Schwarzmann, John J. Schweickhart, William K Schwertz, Eddie L Sconce, Lindell W. Scott, James J. Scrivner, J. Roger Seay, William & Shirly Sedalia, Bhikhubhai M. Seifert, Richard C. Self Edward I Senne, Joseph H. Sevick, Joseph G. Sevier, Jean D.

Shaffer, Robert B. Shanes, Marion A Shanker, Stanford D. Shaw, Arlene B. Shearer, Andrew C Sherry, Brian G. Sherwin, Charles S. MD Shiells, James Shive, James & Carolyn Shoelen, Sidney & Alice Short, Donald H. Siehr, Donald J. Silver, Ward Simmons, III John. L Simmons, Michael F Simmons, Robert W Simon, Dennis M. Simonds, Peter Skain, John C. Skelton, Grace A. Skiles, James J. Skinner, Jr. Milton R Skitek, Gabriel G. Sladek, Bill Sloss, James P. Smith, Audrey S. Smith, Carol Ann Smith, Edward A. Smith, Hallie M. Smith, Harry B. Smith, J. Warren Smith, Jack & Frances Smith, James A. Smith, Leroy E Smith, Marvin E. Smith, Neil K. Smith, Sr. Robert E Smith, William E. Snajdr, Edward A. Solfronk, Euegene A. Sommer, Rev. Jerome Sorrell, Charlkes A. Sowers Mr. & Mrs. Tom Spalding, Theodore J. Spanier, Lawrence A. Spanos, Leon Sparlin, Don M. Spencer, Jr. Frank W. Spokes, Ernest M. Spotte, Irvin C Spratt, Robert E Spreitzer, Jim Spreng, Alfred C. Springer, Carol H. Springer, Kent S. Springer, Robert M. Squires, Harold & Anne Stanley, Nicholas C. Staples, Guy W. Stauter, Mark C Stefanik, Mr. & Mrs. Andre Steinbach, Alvin C. Steinkamp, William E. Stentz, Barbara Stephens, James W. Stephens, Mrs. Leo J. Stephenson, L. P. & B. L.

Stevens, D'Jeanne

Stevens, Jr. William W Stewart, William H. Stigall, Paul D. Stine, Jr. Howard H. Stitt, Donald & Beverly Stockhausen, William T. Stohr, Christopher & Stone, S. Allan Stonger, Michael G. Storms, Kevin P. Strain, Robert A. Stratton, Michael K Strichman, Sherri Stringfellow, Blair C. Strobel, Larry G. Struttmann, Leonard & Pat Stuart, Gladys Stuart, Mr. & Mrs. R. L. Stuart, Robert L. Stueck, C. F. P. Stumpf, Walter & Lavonne Stupka, Michael T. Stutzman, Gladys & Johathan Suetterlin, Jack F. Suhre, Jr. Maurice E Sum, Lisa Sutterfield, Dan Swanson, Kenneth A. Tappmeyer, Ronald A. Tappmeyer, Wilbur P. Tatosian, Vanagan Taylor, Otis H. Tefft, Mrs. Wayne Terry, Richard L Teske, James E. Teter, Robert D. Tetley, Albert L. Theilmann, John M. Thessing, Theodore A. DD Thielsen, F. Wayne Thomas, Hal J. Thomas, Harold D. Thomas, Herman W Thomas, Myron F. Thomasson, William M. Thompson, Dudley Thompson, J. Kenneth Thomson, Don F. & Gloria Tiehes, Robert V. Tilman, Milton & Marie Todd, Lamar S. Toedtman, Charles H. Toomey, John B. Tragitt, Mrs. E. Rowland Trautman, Dennis R. Travis, C. C. Travis, Margaret H. Treis, Steven J. Tross, Ralph G. Troyer, Jerry D. Tucker, Armin J. Tucker, Mrs. Louise S. Tunnicliff, Clarence J. Turner, Edith W Turner, James & Wilma Tuttle, Joey K. Uebelhoer, Jane F Underhill, Norman R Underwood, Daniel H. Unklesbay, A. G. Unsell, Vester B. Urban, Jr. Robert J. Urban, Jr. William C Uthoff, Robert F Valerius, Claude N. Van Bramer, William G. Van Doren, Thomas P. Van Matre, Gene L Van Meter, Joseph L Van Nostrand, Mrs. Burr R. Vansant Robert F Vanwyk, Frank J. Vaughn, John C Vaughn, Paul E. Veatch, Ann E. Venable, Raymond L. Vickery, Robert & Joan Viessman, Tony & Jan Vogelpohl, David R. Vogt, Fred K. W

Voorhis, Gary L. Wade, Hilda E Waggoner, Barbara M. Waggoner, Lvnn H. Walker, Michael R. Wall, Jr. Henry Wallace, Charles E Walraven, Donald & Carrol Walters, Frank G. Walters, Ronald P Ward, Joe A. Ward, Richard C Ward, Terry L/ Warden, Marc J. Warfield, David M. Warner, Don L. Watkins, Everett & Barb Watkins, Joseph S. Wattenbarger, Chris M. Weart, Harry W. Webb, Quentin R. Weber, Sandra Mae Wedge, W. Keith Weiland, Peter & Romanc Wenel, Ernst A. Weis, Carl J. Weisenstein, Kent Weitzel, Charles A. Weitzel, Paul S. Welzbacher, Jeffrey D. Werner, Kenneth W. Wessell, Darwin & Dorthy West, Harry E. Western, Frederick C Weyand, Thomas E. Whaley, Mrs. Audrey C. Wheelock, Leroy K. White, III Charles A. White. Daniel R. White, Major William White, Mrs. Brad White, Ronald & Delores White, Sally Whitney, Mark S. Whitworth, Virgil L Wieker, Richard H. Wieland, Warren R. Wiench, Delane & Pat Wiese, Charles W. Wiethop, Russell H. Wiggins, John D. Wiggins, William & Peg Wilcox, Catherine Wile, Larson E Wiley, Willabelle L Wilhide, Chareles W Williams, Alden D. Williams, Anita L. Williams, Doyle A. Williams, Gaylard T Williams, Rex Z Williams, Roger L Wills, Casey & Evelyn Wilreker, Jr. Victor F. Wilson, Cindy Wilson, Dale & Nell Wilson, Frederick G. Wilson, Jack K.

Wilson, Robert J. Windhausen, Richard A. Winkelmann, James M. Wisch, William L. Wisland, Richard & Lorr Withrow, Kerry R. Wityk, Robert & Linda Wixson, Bobby G. Wixson, Douglas C. Woerheide, Jr. Arthur E. Wolf, John D. Wolf, Robert V Wofberg, Leonard H Wollard, Joseph D. Womack, Leland & Dawna Wood, Christopher S. Wood, Hayward & Vern Wood, Kenneth & Rene Wood, Robert C. Woodfield, Richard A. Woracek, Louis & Rose Wortham, Mr. & Mrs. Ed Wu, Chang-Yu Wu. Christopher K Wulff, Mrs. James Wulfman, David S. Wurtzler, Robert & Mary Wyant, Joan Yang, Hsun-Kuang Yates, Frank M. Young, Clarissa C Young, Frank C. Y. Yronwode, Peter Zeid, Marvin C. Zernicke, Steve & Barb Zettwoch, Paul Ziemer, Rodger E. Zimmer, Paul A. Zink, M. Jess Zinselmeier, Albert E. Ziolko, Linda J. Zlatnick, Stranford D. Zoller, Henry E. Zoller, Jacques W. Zoller, Victor H. Zunkel, A. Doug Zvanut, Frank J. Zykan, Edward & Helen

A. P. Green Refractories Co. AT&T Long Lines A-T Research Co. Martin S. Ackerman Foundation ACME Foundry Inc. Alcoa Foudnation Alex Pizza Palace Alfermann & Havnes Allied Chemical Foundation Alpha Chi Sigma Alpha Metals Inc. Alumax Inc. Alvey Inc. AMAX Foundation Inc. American Bank of Rolla American-Standard Foundation AMOCO Foundation Inc. Amstead Industries Foundation



1980 Rollamo MSM Alumnus/17

Anaconda Wire & Cable Co. Anderson & Associates Armco Foundation J B Arthur Family Fund Asarco Foundation Ashland Oil Foundation Inc. Atlantic Richfield Co. Atlantic Richfield Foundation Auxilliary Enterprises, UMR B F Goodrich Co. The Carl Bojahr Co. Bannes-Shaughnessy Inc. BASF Wyandotte Corp. Basler Electric Co. **Bechtel Foundation** Bendix Corp. Bethlehem Steel Corp Bishop's Black & Veatch Boeing Co. Bruno's Builder's Association of Mo. Butler Mfg. Co. Carbot Corp. Carboline Co. Caterpillar Tractor Co. Celanese Corp. Central Federal Savings & Loan Central Ozark Camaro Club Century 21/Elkhead Real Estate Certain-Teed Products Corp. Foundation Chevron USA Inc. Chicago Paint & Coatings Chrisman, Crocket & Company Cities Service Foundation Cleveland-Cliffs Foundation Club T.E.A.C. Colgate Palmolive Co. Collins & Hermann Inc. Combustion Engineering Inc. Cominco American Inc. ConAgra Pet Food Div. CONOCO Inc Consolidated School Dist No. 4 Consolidation Coal Co. Corning Glass Works Foundation CPC International Cuba Arts Council Inc. Dana Corp. Danley Machine Corp. Deere & Co. John Deere Foundation Delano Oil Company Dow Chemical Co. Dow Corning Corp. Dresing Chevrolet Dresser Foundation Inc. Dresser Industries Inc. E. I. Du Pont de Nemours & Company Eastman Kodak Emerson Electric Empire District Electric Co. Enrecon Inc. Ethyl Corp. Exxon Educational Foundation Family Clinic

Fed. of Soc. for Coatings Tech. Fenix & Scisson Inc. Ferro Corp. Finley Engineering Co. Inc. Fisher Controls Co. Inc. Fluor Corp. FMC Foundation Ford Motor Co. Fund Forging Ind. Educ. & Res. Founda-Foster's Bakery Foundation in Refractories Education Foundry Educational Foundation Fru-Con Corporation Garvey Foundation General Electric Foundation General Motors Corp. General Motors Foundation Inc. Getty Oil Co. Getty Oil Co. Foundation Glacial Sand & Gravel Co. Goodyear Tire & Rubber Co. GTE Products Corp. Gulf Oil Foundation Gygas Engineering & Equipment Co. Halliburton Education Foundation Hamilton & Son Inc. Hardee's of Rolla HBE Corp. Herman Lumber Co. Hewlett-Packard Co. Hillcrest Drugs Inc. Hillcrest Super Market Hope Dress Shop Hoppers Furs LTD Houston House JM Huber Corp. Hughes Aircraft Co. Iowa Power & Light Co. Illinois Power Co. Illinois Mining Institite Illinois Tool Works Inc. Imperials Chemicals Ind. LTD Indometal Corp. Ingersoll-Rand Co. Inland Steel-Ryerson Foundation The Inst. of Paper Chemistry Int'l Minerals & Chemical Corp. Iowa-Illinois Gas & Electric Co. ITT Grinnell Corp. Kaiser Aluminum & Chem. Corp. Kansas City Power & Light Co. Kappa Kappa Psi KC Paint, Varnish & Lacquer Assn. KC Society for Coatings Tech. Kerr-McGee Foundation Inc. Koppers Co. Inc. Kozeny-Wagner Inc Larkin & Associates Long Insurance Agency Inc. Lorraine Children's Shop 3M Foundation M & T Chemicals Inc. M-G Metals and Sales Inc. Maid-Rite Drive In Mallinckrodt Inc. Marathon Oil Co. Material Service Foundation

1980 Rollamo

Maytag Co. Foundation Inc. McDonalds Restaurant McKee Enterprises V H McNutt Memorial Fund The Mead Corporation Foundation Messing Planing Mill Co. Minerals Industry Education Founda-Missouri Steel Castings Co. Mo Electrochem Inc. Mo. Golf Assn. Scholarshin Founda tion Mo. Society of Prof. Engrs. Mo. Utilities Co. Mobil Foundation Inc Monsanto Co. Monsanto Fund Wm. R Montgomery & Assoc. Inc. Morehouse Industries Inc. Motorola Inc. MSM-UMR Alumni Association Myer's Clinic Nalco Chemical Co. Nat'l Action Council Nat'l Distillers & Chem Corp. Nat'l Fund for Minority Engr. Natural Gas Pipeline Co. of Am. Needlecraft Shop Newmont Mining Corporation NL Industries Fdn. Inc Nooter Corp. Null & Son Funeral Home Old Ben Coal Co. Olin Chemicals Olin Corp. Charitable Trust Omark Industries/Ozark Equipment Owens-Illinois Inc. Ozark Environmental Lab. Ozark Lead Co. Ozarks Coca-Cola Pacific Paradise Restaurant Packaging Education Fdn. Inc Panhandle Eastern Pipe Line Co. Peabody Coal Co. Phelps Co Sr Companion Program Phelps County Bank Phelps County Broadcasting Phillips Petroleum Foundation Inc. Portland Cement Assoc The Potted Steer Powell Lumber Co **PPG** Industries Procter & Gamble Co. Public Service Co. Indiana Pyrosolar Industries Inc. Ransdall Distributing Reynolds Metals Co. Fdn Rhodes Equipment Co. Rochester & Pittsburgh Coal Co. Rockwell Int'l Corp. Trust Rogers Corporation Rolla Cable System Inc. Rolla Craft-Hobby Rolla Dairy Queen Rolla Materials Inc Rolla Motor Parts Inc Rolla Real Estate Rolla Standard Service Rolla State Bank Rosemount Inc. Russell-Young Clinic Russell's Town & College Shop Sam's Tire Service Schlumberger Foundation Schlumberger Well Services Schweiss Motor Co. Inc. Scott M T S Inc. Joseph E. Seagram & Sons Shell Companies Foundation Inc Show-Me Electronics Inc. So Central Mo. Teachers' Assn. Society of Cosmetic Chemists Society of Mining Engineers South Prairie Construction Co. Southwestern Bell Tele Co. Sowers Newspapers Inc. Sperry Univac Square D Foundation St. Joe Minerals Corp.

St. Joseph Light & Power Co. St. Louis Section, MSM-UMR Standard Oil Company (Ohio) Stoltz Realtors Students Education & Loan Founda tion Sulzer Brothers LTD Sun Company Inc. Sun Oil Co. of PA Sundstrand Corp. Sverdrup Corp. Syntex Agribusiness Inc. Гасо Тісо Tenneco Inc. Texaco Inc Texaco Philanthropic Foundation Texas Eastern Transmission Co. Texas Pacific Oil Co. Tim's Pizza Tomlinson Petroleum Inc. Town and Country Realtors Trane Company Foundation Inc.

Triad Printing
John Twitty Realty UMC Industries Inc. Union Carbide Corp. Union Electric Char. Trust Union Electric Co. Union Oil Co. of California Fdn. Union Pacific Foundation United States Gypsum Foundation University of Arizona **UPO** Foundation Vern's Clothing Store VSE Corporation Weirton Steel Western Electric Fund Westinghouse Education Foundation Westvaco Corp. Williams Pipe Line Co. Williams Shoe Store Wisconsin Centrifugal Inc. Wives Auxiliary of Prof. Engrs. Zeno's Steak House & Motel



1980 Rollamo

## Order of the Golden Shillelagh

The Order of the Golden Shillelagh was established on Founder's 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 a 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.

Members are as follows: Mr. & Mrs. Robert W. Abbett (F) Mr. Lorenzo Barton Mr. & Mrs. Philip J. Boyer (C) Mr. & Mrs. Robert M. Brackbill Mr. John S. Brown Mr. & Mrs. Donald L. Castleman Mr. & Mrs. G. R. Couch Mr. & Mrs. E. Jefferson Crum (F) Mr. & Mrs. Paul T. Dowling (F) Mr. & Mrs. Wilbur S. Feagan Mr. & Mrs. Fred W. Finley (F) Mr. & Mrs. James F. Forgotson Mr. & Mrs. Charles A. Freeman (C) Mr. C. James Grimm (F) Mr. & Mrs. Alden G. Hacker (F) Mr. & Mrs. John Harmon (C) Mrs. Marjory M. Hasselmann (F) Dr. Ilse Heilbrunn Mr. & Mrs. Thomas A. Holmes (F) Mr. & Mrs. B. F. Hoover (C) Mr. Harlan H. Hoppock Mrs. Mervin J. Kelly Mr. Charles B. Kentnor, Jr. (F) Mr. & Mrs. Harry H. Kessler (F) Mr. & Mrs. Fred S. Kummer (F) Mrs. Thomas Witt Leach Mr. & Mrs. Floyd S. Macklin (F) Mrs. Roy N. McBride (F)

Mrs. Vachel H. McNutt (F) Mr. Frank H. Metz, Jr. Dr. George E. Mueller Mr. & Mrs. James J. Murphy Mr. & Mrs. M. E. "Bob" Nevins (F) Mr. & Mrs. John K. Olsen Mr. & Mrs. Murray J. Paul (F) Mr. & Mrs. Harry R. Pearson, Jr. Mr. & Mrs. E. Leroy Perry Mr. C. J. Potter Mr. & Mrs. Edward Remmers Mr. & Mrs. Thomas A. Remmers Mr. & Mrs. Walter E. Remmers (F) Mr. & Mrs. Rodman A. St. Clair (F) Mr. & Mrs. Bernard R. Sarchet (F) Mr. & Mrs. Hans E. Schmoldt (F) Mrs. Walter T. Schrenk (F) Mr. & Mrs. James J. Scott Mr. & Mrs. Joseph Sevick Mr. & Mrs. Ed A. Smith (F) & Mrs. Walter W. Snelson Mr. & Mrs. John P. Soult Mr. & Mrs. Lawrence A. Spanier Mr. & Mrs. S. A. Stone (F) Mr. & Mrs. John B. Toomey Mr. Virgil L. Whitworth (F)

Mr. & Mrs. Henry E. Zoller (F)

Mr. & Mrs. Belding H. McCurdy (F)

Mr. & Mrs. Ralph E. McKelvey (F)

(F) Founding member; (C) Charter member

## **Memorial Funds and Donors**

Memorial Gifts have been received in honor of the following:

Gene Abernathy, '71 Lyle M. Barker, '18 T. Robinson Beveridge, '42 John W. Bodman, '10 James O. Ferrell, '40 Judith L. Flebbe, '76 Leon Hershkowitz, '41 Anthony "Tony" Homyk, '42 Edward P. Lasko, '50 Margaret McCaw Lloyd, '78 James E. McKee, Grandfather of Richard H. McKee, '74 Kenneth R. Moon, '69 Richard A. Morgenstern, '58 Barney Nuell, '21 Frank W. Owens, '51 Theodore J. Planje, '40 Dorothy Prewett Walter S. Schamel, Jr., '34 Walter T. "Doc" Schrenk, '58 James W. Snider, '47 James E. Stokes, '31 Arthur W. Walker, '24 Joseph M. Wilson, '21

## Memorial gift donors are:

Annie S. Abernathy Henry S. Adamick Mr. & Mrs. Maurice J. Alfermann Rex Alford Nancy Lee Amador Amax Lead Company of Missouri Ken and Erma Asher Association of American Universities Lynne and Tom Baird Chester and Evelyn Baker David and Kay Barr Rae Grimm Bertch Black & Veatch Allan and Marjorie Booth Oakley Watts Boyd Robert M. Brackbill Gale Bullman Dr. & Mrs. James D. Butts Edward and Barbara Carey Mary Lou Castleman Mr. & Mrs. Roy T. Charles Chrisman, Crocket & Company Charles and Alice Clarkson Liz and Wayne Cogell Diane Correy Mr. & Mrs. Bob Cowan Dudley and Kay Cress James A. and Rena Crookston Edith W. Higgins and Jo Ann Cubbison Jean and Adrian Daane Doris and Edwin Day Henry P. Day Ted, Shirley & Delbert Day Wally and Laura Dressel Marjorie T. Edwards Mr. & Mrs. Joe Eisman Elmer and Ruth Ellis Dorothy & D.J. England

Mr. & Mrs. D.H. Erikiletian, Jr. Robert E. Farris Mrs. Ralph P. Faust Warren and Eleanor Fenzi Mrs. J. O. Ferrell David Finch Michael L. Foley Edith and LaRue Foraker Mr. & Mrs. Harold Q Fuller Frank and Christina Gac Edna T. Galloway Martha M. Gerig Mildred and Vernon Gevecker A. P. Green Refractories Louis M. Greer Charles & Jeannette Haas Mr. & Mrs. Lyle Haines Ned and Berna Hainey Mr. & Mrs. Mike Halter Ken and Marie Hansen David Harper, Donna Hamilton & June Harper Buz, Ned and Berna Harvey Miles and Ginny Hedrick Mr. & Mrs. Raymond P. Heilich John P. Holt Helen K. Houston Dr. Carl James Christine Jaques Mr. & Mrs. William S. Jenks, Jr. Thomas A. Jones Mrs. Alma G. Johnson Stan and Zelda Johnson Stuart and Lucille Johnson Kaiser Aluminum & Chemical Corp. E. Irving Park Admiral Martin W. Kehart Glenda and Robert Knight Dr. & Mrs. Leonard F. Koederitz Harold A. Krueger

Helen D. Lasko Mrs. J. B. Leachman Leonard and Maryse Levenson Gordon and Helen Lewis Nancy and Frank Mackaman Joseph and Louise Marchello Bob and Twilah McFarland Richard H. (Rick) McKee Florine Kemp Mills Mrs. Kenneth R. (Pat) Moon Mary E. Morgenstern Arthur and Helen Morris L. A. Neumeier John and Bonnie Nordyke Joan Northup Wallace E. Northup Estelle Nuell Ed and Marjorie Owsley Richard and Edna Parker Mr. & Mrs. Joseph A. Pask Kate and Tom Pasley Gary and Barbara Patterson Kay and Roy Perry George and Leola Planje Ruth and Elmer Planje and Rose Fritz Jim and Marilyn Pogue John and Kim Poland Charles J. "Jack" Potter Douglas R. Powell Preston State Bank Francis C. Prewett, Sr. Michael Quinn C. R. and Agnes Remington John W. Rickey Audrey Roberts Kent and Winona Roberts J. B. Robinson, Jr. Mr. & Mrs. Don V. Roloff Bob and Betty Rotramel

Harry and Patricia Sauer Mae J. Schamel Schering Corporation Al and Eleanor Schlechten Mr. & Mrs. M. J. Schmid Leola Schmidt Hans and Jimmie Schmoldt H. Kent and Dorothy Shelton Mr. & Mrs. Hertha and Davee Sims, Dan, Kevin and Phil E. A. Smith Stan and Vicki Snelson James W. Snider H. Kent and Kay Sooter Edward and Alma Sowers Ernest M. Spokes Martha and Bill Stevens Particia J. Stogsdill Hazel Stokes M. R. and Mildred Strunk Gladys D. Stuart David and Barbara Summers Lou and Richie Tankersley Mr. & Mrs. Herman Thomas Exie and Dudley Thompson Mr. & Mrs. John Toben Betty and Bill Todd Margaret Travis Nick and Zizeta Tsoulfanidis Mr. & Mrs. Wallace Tucker John & Patricia Vickers Fred and Lucille Vogt Lynn H. Waggoner Mrs. A. W. (Josephine) Walker Floyd Watts Harry and Janis Weart Mr. & Mrs. Fred W. Webber The Alan Winter Family Bob and Dottye Wolf Mr. & Mrs. Joseph D. Wollard

## **Expanded Summer Session**

In addition to inceased course offerings, the 1981 summer session at UMR will offer students several options in terms of course length and scheduling.

Stephen and Kit England

For the first time, several six-week summer courses will be offered, as well as eight- and four-week courses. The four-week courses were introduced last summer.

"The six-week courses are an experiment," said Dr. Tomlinson Fort Jr., UMR provost. "We designed the summer program in a way that we thought would best meet students' needs and make the most efficient use of University facilities and resources.

"We also felt that some topics were best suited for the six-week format,

rather than the eight or four," he added. "The six weeks format also cuts the summer neatly in half, making it possible for a student to both attend school and work during the summer."

Courses to be offered on a six-week basis are: Economics 215, Quantitative Economic Analysis; English 210, Seminar; History 307, The Making of Modern Russia; and Speech and Media Studies 101, Mass Media and Society.

UMR's summer session will begin with the six week sessions on May 18. Preregistration for the summer session will be from April 27 to May 1 and regular registration will take place on June 1. The two four-week summer sessions will run from June 2 to June 26

and June 29 to July 25 and the eight week session from June 2 to July 25.

St. Joe Minerals Corporation

"The four-week sessions, which we began last year, offer students and faculty flexibility and increased opportunity," said Paul Ponder, UMR registrar. "An incoming freshman who attends an orientation session in June may find, through testing conducted at that time, that he or she could use some extra math. This student then could enroll in a math course offered during the second four-week session and get his or her college career off on the right foot.

"And because our curriculum contains many courses that are prerequisites for advanced work," he continued,

"students can take the prerequisite coures in the first four-week session and the advanced course during the second four weeks. This could save some students an entire semester in their scheduling."

Students enrolled in four-week sessions are limited to three credit hours per session and those enrolled in the eight-week session are limited to a total of eight or nine credit hours, depending on the courses taken. Students may take eight-, six- and four-week courses in combination, but are limited to ten credit hours total for the summer.

For further information, please write or call: Admissions Office, 102 Parker Hall, UMR, Rolla, MO 65401

**Corporate Matching Gifts** 

Abbot Laboratories The Aerospace Corp. The Akzona Foundation Alcoa Foundation Alexander Grant & Co., Foundation Allis Chalmers Foundation, Inc. Amax Foundation, Inc. American Hospital Supply Corp. American Motors Corp. Amoco Foundation, Inc. Atlantic Richfield Foundation Armco Foundation **ASARCO** Foundation Ashland Oil Foundation, Inc. AT&T Long Lines Dept. **Bechtel Foundation** Bell Labs Bendix Corporation Bethlehem Steel Corporation The Blount Foundation, Inc. The Boeing Company Cabot Corporation Foundation Carborundum Carrier Corporation Foundation, Inc. Caterpillar Tractor Co. Celanese Corp. Central & South West Foundation Certain-Teed Products Corp. Fnd. Chevron USA, Inc. Chrysler Citibank, N.A. Cities Service Fdn. The Cleveland-Cliffs Fdn. Columbia Gas System Service Corp. Combustion Engineering, Inc. Consolidation Coal Company Continental Bank Fdn. Continental Group Fdn., Inc. CPC North America Cyprus Mines Corp. Daniel Int'l Corp. Davy Inc. John Deere Fdn. Digital Equipment Corp. Dow Chemical Co. Dresser Fdn. Inc. Agency Duke Power Co. Ethyl Corp. Exxon Education Fdn. Factory Mutual Engineering & Research Corp. Ferro Corp. Firestone Tire & Rubber Co. The Fluor Foundation FMC Fdn: Ford Motor Company Fund Freeport Minerals Company General Dynamics General Electric Fdn. General Telephone of Illinois Getty Oil B. F. Goodrich Company Gould Inc. Grace Foundation Inc. Gulf Oil Fdn. Halliburton Hallmark Cards The Hanna Mining Company

Hercules, Inc. Hewlett Packard 20/MSM Alumnus Houston Natural Gas Corp. J. M. Huber Corp. Hughes Aircraft Company IBM Corp. ICM Corp. (MO) Ingersoll-Rand Company IT&T Corp. Johns-Manville Fund, Inc. Kennecott Copper Corp. Kerr-McGee Fdn. Inc. Kimberly-Clark Fdn. Koppers Company Fdn. Marathon Oil Fdn. Inc. The Marley Fund Martin Marietta The Maytag Company Fdn. Milton Bradley Co. Minnesota Mining & Manufacturing Mobil Fdn. Inc. Monsanto Fund Moore McCormack Research Inc. Motorola Nalco Chemical Co. National Distillers Chem. Corp. National Gypsum Company National Steel Corp.

NCR Foundation Olin Corp. Charitable Trust Owens-Corning Fiberglas Corp. Owens-Illinois Occidental Petroleum Charitable Find. PPG Industries Fdn. Panhandle Eastern Pipe Line Co. Pennsylvania Power & Light Co. J. C. Penney Philip Morris Inc. Phillips Petroleum Fdn. Inc. Ouaker Oats Fdn. Ralston Purina Co. Reading & Bates Republic Steel Corp. Reynolds Metals Co. Fdn. Rochester & Pittsburgh Coal Co. Rockwell International Rohm & Haas St. Joe Minerals Corp. St. Regis Paper Co. SCM Corp. Scott Paper Company Fdn. Joseph E. Seagram & Sons, Inc. Shell Companies Fdn.

Sherwin-Williams Fdn. Southwestern Bell SKF Ind. Sperry Corporation Fdn. Squard D Fdn. Squibb Corp. The Standard Oil Co. Stone & Webster, Inc. Suburban Propane GastCorp. Sun Company Inc. Tektronix Fdn. Tenneco Oil Company Гехасо Texas Eastern Transmission Corp. Textron Charitable Trust TRW Fdn. Trunkline Gas Co. Union Electric Co. Union Pacific Corp. United Engineers & Constructors Inc. United States Gypsum Co. U. S. Fidelty & Guaranty Co. Union Electric Co. Warner & Swasey Western Electric Fund Westinghouse Wilco Fdn., Inc. Yarway Corp.

## **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, 204 Parker Hall, University of Missouri-Rolla, Rolla, Mo. 65401.

PROGRAM	LOCATION	DATES
SCHOOL OF MINES AND METALLURGY		
Nuclear Reactor Operator Training	Rolla	MarApril
Applied Ore Microscopy	Rolla	Mar. 2-6
Subsidence Engineering	St. Louis	Mar. 30-Apr. 2
Remote Sensing and Strip Mine Reclamation	Rolla	Apr. 6-10
SCHOOL OF ENGINEERING		
Field Instrumentation of Soil & Rock	St. Louis	March 9-13
Concrete Conference	Rolla	March 16
Fundamentals of Grouting	St. Louis	April 6-10
Geotechnical Earthquake Engineering Conference	St. Louis	April 26-May 1
Geotechnical Laboratory Testing Short Course	Rolla	May 11-15
Hydrology of Dam Design	Rolla	May 18-22
International Conference on Math Modeling	L.A., Calif.	July 28-31
Land Surveyors Refresher Short Course	Rolla	Aug. 13-15
Introduction to Elements of Engineering	Rolla	Aug. 17-21
7th Symposium on Turbulence	Rolla	Sept. 21-23
8th Annual UMR/DNR Energy Conference	Rolla	Nov. 4-7
Cold Formed Steel Short Course	St. Louis	Nov. 17-20
COLLEGE OF ARTS AND SCIENCES		
Refresher for Painting Contractors	Los Angeles, CA	Mar. 3-5
Introduction to Composition of Coatings	Rolla	Mar. 23-27
Creating and Marketing New Continuing Ed. Programs	St. Louis	Mar. 24-25
Introduction to Paint Formulation	Rolla	Apr. 6-10
Open Water Scuba Course	Rolla	Apr. 24-May 3
		(Weekends)
Advanced Paint Formulation	Rolla	Apr. 13-17
15th Rare Earth Research Conference	Rolla	June 15-18
Practical Waste Management for the Coatings Industry	Kansas City	May 19-20
Elderhostel	Rolla	July 5-11
Porcelain Artists Workshop	Rolla	July 26-31
Times and dates of courses may change nearer to the time of the co	ourse.	

## **Lifetime Memberships**

When the Alumni Association was young, life memberships were solicited to finance the organization. The following alumni hold paid-up life memberships:

Bowers, Carlos Gehert '24 Brown, John Stafford '17 Crawford, E. A. '29 de Cousser, Kurt Herman '22 DeValve, Albert Steihler '43 Forgotson, James Morris '22 Frame, Wayne Shannon '23 Gibson, Doddridge Graham '23 Grimm, C. James '30 Halasey, Francis Richard '22 Kemper, Claude Lester '24 Miller, John Charles '16 Neal, Kenneth Robeson '30 Potter, Charles Jackson '29 Reilly, John Henderson Gay '17 Smith, Hueston Merriam '38 Swift, Roy Erwin '34 Wanenmacher, Joseph M. '23 Wheeler, Ernest Sterling '22

Truman Hagan Kennedy, '27

Each has a permanent place on the honor roll of donors. Thank you all.

## **Necrology**

These individuals who have been carried on the alumni roll have been reported deceased between January 1, 1980 and December 31, 1980. Eugene C. Abernathy, '71 William M. Akin, '53 Robert Bernard Anders, '49 Virgil Clarence Armer, Jr., '58 Emmett Lee Arnold, '17 Emil Lawrence Bahn, '46 Albert B. Bartlett, '07 Arthur R. Baumgardner, '53 Clarence Frederick Berthold, '33 John Whittlesey Bodman, '10 Victor Leroy Bradford, '48 Herman Arthur Brisch, '35 Joseph Anthony Buchek, '75 Leo Landrith Burnet, '25 Brian Allen Chaney, '79 Charles Marion Coss, Jr., '50 Herbert Fredrick Crecelius, '39 Ronald M. Crecelius, '70 Lu Gene Dawson, '42 John Mitchell Dickey, '74 George Thomas Dierking, '24 Raymond John Dowd, '19 Robert B. Ellenson, '49 Aubrey P. Fellows, '07 Steve C. Fitzgerald, '55 Judith Louise Flebbe, '76 Joseph Lynn Forinash, '42 Campbell William Floyd Funk, '48 George Dildine Grayer, '42 Billy J. Greer, '55 Richard J. Hampel, '54 Henry C. Harris, '51 John Frederick Helmerichs, '22 Leon Hershkowitz, '41 Wesley George Hippard, '20 Gerald Marvin Hohman, '69 Anthony Homyk, Jr., '42 Henry Guernsey Hubbard, '23 Jack Leroy Hubbard, '51 James Stephen Huellewig, '65 Lamar Horatio Hunt, '05 Joe Ralph Jarboe, '30 Charles Harold Jennings, '30 Ray Gorrel Kelly, '49 William McKinley Kahlbaum, '21

Richard H. Kerr, '50 Edward John Kimmick, '49 Henry Daniel Kline, '24 Russell L. Langston, '55 Donald Lee Lilly, '53 Margaret McCaw Lloyd, '79 Walter F. Lottman, '19 Horace Tharp Mann, '48 John Robert McCloskey, '38 James Smith McDonnell, '57 Morris E. McLean, '26 William Cowie McMillian, '48 Pearl Frederic Michael, '09 Richard Barclay Miller, '50 Kenneth R. Moon, '69 Richard Alan Morgenstern, '58 Thomas Daniel Murphy, '28 Roger G. Nease, '65 Robert Franklin Orton, '47 Murel Leroy Payne, '50 David J. Peery, '34 Theodore John Marion Planje, '40 Eulalie Imogene Powell, '30 Abraham D. Preston, '73 John Coleman Radcliffe, '38 Thomas Henry Reese, Jr., '34 Hugh Prentice Rice, '14 Henry Richard Rust, '46 Leo Schapiro, '24 Theodore Owen Seiberling, '33 Robert B. Shaffer, '50 John August Short, '38 W. Irwin Short, '26 Jan Michael Smit, '73 James Wilson Snider, '47 James Everette Stogsdill, '25 John Vincent Sundstrom, '29 Reuben Conrad Thompson, '1 Alfons Joseph Tiefenbrun, '31 Charles Richard Trotter, '42 Arthur Weber, Jr., '40 James Conrad Weber, '72 Jennie Lenox Wheeler, '22 Joseph Martland Wilson, '21 Paul Donovan Windsor, '22 John Frederic Winters, '51 Edmund Hugh Woolrych, '16 Glen Sherman Wyman, '22

## Non-Alumni Donors To The 1980 Annual Alumni Fund

Donald R. Askeland N. B. Augenbaugh Robert L. Ballard Marvin Barker Henry J. Bradley Robert A. Britton Joseph O. Carson, Jr. Adrian H. Daane Denyse M. Davidson Howard W. Eloe Harvey H. Grice Burns Hegler Ms. Tin Hlaing Billy A. Key
Marga M. Legsdin
Frank H. Mackaman
Joseph M. Marchello
Martha McCormick
Mary H. McCracken
Leola F. Millar
David L. Oakley
Jim Pogue
Marilyn Pogue
Mrs. Walter T. Schrenk
Dudley Thompson
Bobby G. Wixson



Left to Right: Band program director David Oakley, and band director, Tom Ruess, accept a donation to a scholarship fund for UMR Bands from John Mangoff, '76, and Paul Buschmeyer, '78, president and executive officer of Omega Delta Gamma. Omega Delta Gamma is the newly established alumni chapter of UMR's student chapter of Kappa Kappa Psi, National Collegiate Honorary Band Franternity. This first scholarship fund presentation was made Jan. 24, at a basketball game.



Mangoff sits in with pep band at the basketball game.

## SME "Joe Miner" Belt Buckles Still Available

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 Mark Prusaczyk, 125 Mining Bldg.-UMR, Rolla, MO 65401.

Please ship	buckles at \$6.00 each. Enclosed find a check
Name	
Address	

# MINER SPORTS...

## Gene Green, Editor



UMR Athletic Director Billy Key addresses appreciative Rolla football fans.

# Rolla Community Honors Football Team

On Jan. 29, the college football team with the longest winning streak in the nation savored victory once again when the Rolla area paid a special tribute to the Miner team.

A "Miner Football Community Recognition Banquet" was sponsored by the Rolla area Chamber of Commerce and several Rolla civic and service organizations. The festivities were held at UMR's Centennial Hall in the University Center East.

The Miners, under the direction of MIAA and District Coach-of-the-Year Charlie Finley, finished the 1980 slate with a perfect 10-0. In producing the first undefeated football season at MSM/UMR in 66 years, the Miners led the nation's Division II teams in rushing defense.

Talking about the season, Coach Finley told the group, "I think coaches always wonder when a year starts out what's in store for them. We knew we had a good group of men...but we didn't know how we were going to perform.

"After the first two ballgames," he continued, "I really had some mixed emotions about our team's chances. We were playing excellent defense and we had improved our offense. But our big-

gest test was yet to come in the meeting with 8th ranked Pittsburgh State University. Our 14-10 win over Pittsburgh State was probably the turning point in our season.

"Each game after this one became the most important game, and it's very difficult, I think, for anyone to say which one of these games was the most important. Four others stick out in my mind...The Southwest Missouri State game simply because it was Southwest...Central Missouri State because we didn't play so well and still won...Southeast because we were 23-7 behind and came back to win.. and Northeast because it was the end of it and we were 10-0."

Responding to the accolades given him personally, Coach Finley said, "I've received more honors this year than I ever dreamed of, but it wouldn't have all been possible without a tremendous coaching staff and a very dedicated team. To those individuals, and to the fine group of senior leaders we had this season, I say a sincere thank you."

Individual plaques (supplied by the MSM-UMR Alumni Association) were presented to the players and coaches during the banquet.

## Swimmers Dominate MIAA Foes

The UMR swimming team continued to dominate their foes, as they came off their break and clubbed the first three teams to face them.

The Miners tripped Central Missouri 73-36 and University of Missouri-St. Louis 70-37 in action Jan. 10, while they blasted Southeast Missouri 66-47 in a meeting of the two top conference schools Jan. 16.

Junior diver Ray Gill continued to dominate the board events, winning the one and three-meter battles in the two meets. Gill, who qualified for both boards in national competition a year ago, was picking up where he left off.

Pease still looks for Southeast Missouri and Southwest Missouri to be formidable conference opponents when the Miners host the 1981 MIAA Championships March 5-7 at the Bullman Multi-Purpose Center.

Another Miner who has been doing an excellent job is sophomore Mike Shive, who won the 50-yard free style and 100-yard free style events against Southeast Missouri and the 50-yard free style event against Central Missouri and UMSL.

Pease had said earlier in the season that one of the Miner weaknesses may be in the lack of depth in the free style races, but Shive was helping pick up the slack.

"The team is really looking sharp and I think we will be ready to turn things on strong for the second half of the season," Pease said. "Our goal is always the national competition."

Miner meets in March: March 5-7—MIAA Championships at Rolla; March 19-21—NCAA Division II Championships at Youngstown, Ohio, and March 26-68—NCAA Division I Championships at Austin, Tex.

# Miners Open Indoor Track Season

The UMR indoor track season opened on Jan. 27, ushering in a seven-week series of events for Dewey Allgood's crew.

Most of Allgood's cross country team are competing in track this season, so the team is well represented in the distance events. Senior Brent Haefner mans the 10,000 and 5,000 meter races, with Todd Blackford and David Moore competing in the 5,000 and 3,000 meter events.

The mile run finds Miners Mark Stucky, Jim Bullard and Clint Campbell competing.

The sprinting ranks are the thinnest, with little depth. Returning lettermen Rick Lux, Rod Rogers, Craig Heath and Rick Welsh carry most of the sprinting load.

Lux holds the team record in the 600-yard run and in the 800-meter events.

In field events, the Miners have six returning squad members on hand. The shot put may be the strongest event, with Bill Loving, Steve Bridgman and Greg Harvey available. Doug Keithly throws the discus, with Mike Biega at triple jump and Bob Benson manning the pole vault and firing the javelin.

## Grapplers Boast 5-4 Mark In Early Going

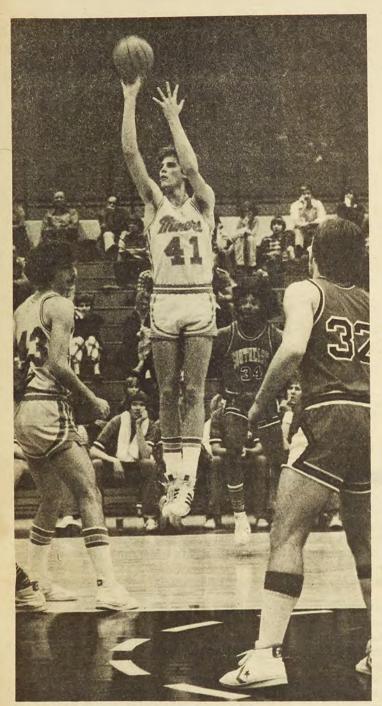
With a dual meet record of 5-4, the Miner wrestling team entered the second half of their schedule with many new faces and some reason for optimism.

After the first two months of the season, Scott Chalmers (150 pounds) paced the team in wins with a 9-5 record, while senior leader Bill Spencer (177 pounds) was logging an 8-2 mark. Fred Kummer (134 pounds) was at 5-3, with Rick Booth (158 pounds) at 3-1. Todd Meyer (142 pounds) had an even 1-1 mark.

After returning from a long break, the Miners finished eighth in the MacMurray Tournament Jan. 9-10, then whipped Lincoln 39-12 and lost to Northwest Missouri 44-3 in dual meet action at Maryville Jan. 15.

The team returned to Rolla for a double dual Jan. 17, and fell to Southwest Missouri 47-0 and lost to Southeast Missouri 34-17. The team had late month meets set with Southwest Missouri (tournament) Jan. 23-24 and at Washington University (tournament) Jan. 30-31.

Going into that action, the Miners were led in team points by Spencer (38½), match points by Chalmers (99) and takedowns by Chalmers (19). Chalmers also had the most escapes (15) and most three-point near falls (6). Miner 167-pounder Dave Clifton had the most reversals (11), with Chalmers and Spencer tied for the most two-point near falls (5).



Jeff Kipp leads Miners in scoring with 17.1 ppg.

## **Young Lady Miners Coming Along**

As the 1980-81 women's basketball season progresses, the Miner freshmen continue to improve.

Although the team posted only a 2-7 record when action resumed in mid-January, the Miner ladies showed signs of greater things to come.

st

UMR lost to Southeast Missouri 60-57 in a make-up game Jan. 14, as the Miners played for the first time in over a month. Karen Peacock turned in 19 points for the losers, while freshman Gail Halsey added ten points and a game-high ten rebounds.

Two nights later, the Miners fell to Evangel College 63-53, as freshman Laurie Behm scored 18-points and tied for the team lead in rebounds with eight. She followed that performance on Jan. 20 with a 22-point outing in a 69-58 win and the state tournament.

over Lincoln University. Also grabbing some headlines was freshman center Linda Hill, who scored a career-high 16-points and cleared 11 rebounds.

The win lifted the Miners to 3-9, and coach Annette Caruso had nothing but praise for her young team.

"They are getting a little better each game," she said. "As they cut down on their mistakes, this team will really start to come around. The playing experience that they are getting right now will be very valuable in the future."

After late January battles with Southwest Baptist, Missouri Southern and Evangel College, the Miner women are set for the last part of their schedule which includes six individual contests

## Miners Set For MIAA Stretch Run

After posting six consecutive victories from Nov. 29 through Jan. 10, injuries began to attack the Miner men's basketball team. Following an exciting 71-69 victory over Southeast Missouri State Jan. 7, the club saw three starters hampered by various mishaps.

"The main thing we need to do is get healthy," said UMR head coach Billy Key. Among the key performers affected were starting forward Rick Fuerman (knee injury), starting forward Jeff Davis (back spasms) and starting center Jeff Kipp (flu).

The last time the Miners had all the players healthy at the same time was in the Missouri Southern Green and Gold Classic Jan. 2-3. UMR captured both games of that event, clubbing Pittsburg State 80-59 and besting host Missouri Southern 79-65.

In the win over Missouri Southern, Kipp pulled down a school-record 23 rebounds and scored 20 points. In the win over Pittsburg State, Davis had 20 points and 18 rebounds.

With enthusiasm and momentum tucked away, the Miners traveled to Cape Girardeau Jan. 7 for their conference opener with Southeast Missouri State. Picked to finish second in the preseason conference poll, the Indians could not defeat the determined group of Miners.

UMR led 42-36 at the half, and jumped the lead up to 14 points early in the second 20 mintues of play before an injury happened—Fuerman's knee was reinjured. Coming off knee surgery in mid-December, Fuerman had returned to the Miner lineup in Joplin and had performed well. The knee appeared to be fine, until a drive for the basket in the

second half at Cape Girardeau.

After he made a shot, he came down at an unusual angle, trying to avoid a charge. The knee was reinjured and he would be lost the the Miners for the next two conference games.

The Miner lead soon disappeared, and the visitors were down by seven points with only three and a half minutes to play. But Key's group fought back, reclaimed the lead in the final seconds and came away with a 71-69 win.

The Miners lost the next two MIAA games without Fuerman, dropping an 88-73 game at University of Missouri-St. Louis and a 91-66 clash at home against Lincoln.

The team then made the infamous "northern swing" to Northwest Missouri and Northeast Missouri, as Fuerman returned after two weeks of rigorous conditioning.

Although bolstered by his return, the Miners were to play these two big games without the services of Davis and limited duty from Kipp. With Davis on the sidelines most of the time with a bad back and Kipp battling a case of the flu, the Miners lost to Northwest Missouri 63-59 and to Northeast Missouri 76-71.

"I was real proud of the way the team played," Key said. "We really had to play well as a team to stay in these games on the road, and with some of our big people hurt, it was even more of an effort.'

The Miners returned home to face Southwest Missouri State in a Jan. 24 contest, and defeated SMS 68-54. Lucas and Kipp led the way with 18 points

The Miners shot a fine 57 percent from the field.



Senior Karen Peacock battles for a loose ball against the SEMO

## **UMR Professor, Class Study Ozark Folklore**

Such hill country expressions as "newfangled," and "outlandish," verb forms such as "gotten" and "boughten," and the common Ozark tendency to pronounce the final "a" in a word as "y" can be traced back to 16th century England.

And the staunch independence of the typical Ozarker who doesn't want to "be beholden" reflects attitudes and values of their Scotch-Irish ancestors of the same era.

Dr. Michael Patrick, who teaches a course in Ozark folklore at the University of Missouri-Rolla, says that such speech forms and intrinsic beliefs link today's hill people with their forebears from the hills of England, Scotland and Ireland.

"The main reason elements of that culture have remained relatively unchanged for 300 years is the isolation of the hill people, an isolation they have chosen and cherished," he says. "When immigrating to this country, they have always chosen to live in areas that reminded them of home—the Appalachian Mountains in the 1700s and the Ozarks in the last century."

Patrick says that the Ozarks are rich in folklore. (His working definition of folklore is "those cultural materials that are transmitted by word of mouth in 'oral tradition' or by customs.") And as a folklorist, Patrick is dedicated to preserving a record of Ozark culture before it dies out and is diluted by change.

In his folklore classes, students learn to recognize and appreciate the folklore that is a part of their heritage, and to start collecting folklore themselves. Armed with notebooks and cassette tape recorders, they visit with older adults in their hometowns and in homes for senior citizens.

It has turned out to be a good experience, both for students and their interviewees, Patrick says.

"College students in their 20s changed their attitudes toward the elderly as they came to know them, and the elderly came to realize that their recollections and values formed a significant contribution in shaping America," he adds.

Professor and students have found Rolla an ideal place from which to study Ozark folklore—a relatively untapped source of information. It is within easy driving distance of a part of Missouri hill country that has been virtually untouched by commercial tourism

"Tourists who come to this area usually come for activities related to the natural attractions of the Ozarks, such as floating, fishing and hunting," he explains. "Around here you still find real hill people, not the hillbilly stereotype created for movies, TV—and tourists."

Patrick says that wherever he goes in the Ozarks, he learns more about what has become one of his major fields of study. He lectures on Ozark folklore in retirement centers as part of UMR's University of the Third Age, a continuing education program for older adults. "And I always learn more from them than they do from me," he says. In his leisure time, you're likely to find him at auctions and sales, standard Saturday events in the Ozarks, and wherever bluegrass music is being played.

Patrick comes to his interest in Ozark culture naturally. A native of Eldon, near the Lake of the Ozarks in central Missouri, he grew up with tall tales, bluegrass and country music, and characters straight from the Ozark hills. He became a student of folklore later, when he noted that authors of the Victorian period, his major study in literature, drew some of their material from folklore.

"In British literature, Robert Browning and Alfred Tennyson are among those who based some of their poetry on folk tales or songs. In America, Mark Twain and William Faulkner are two examples of those who made extensive use of folklore, especially the tall tale. This is one of the staples of Ozark folklore, as are anecdotes about gullible strangers and stories in which the teller is made the butt of the joke," he explains.

This is all part of the Ozarks that Patrick knows and loves, both as a native Ozarker and a folklorist. As current president of the Ozarks States Folklore Society and past president of the Missouri Folklore Society, he has found that Missourians in general are interested in preserving their heritage.

He welcomes the resurgence of interest in folkways evidenced by the popularity of bluegrass music, handicrafts and interest in the "old ways" that are still a part of Ozark life. But he fears that much of that way of life will pass too soon from the American scene.

"The late Vance Randolph, Ozark folklorist and author, predicted a number of years ago that the Ozark way of life would gradually disappear as better roads were built and people in the backwoods became less isolated. But television is accelerating the process. Almost everyone who has electricity—and almost everyone does—has a TV set. With it comes urban American culture, with its emphasis on the 'benefits' of modern technology, and, of course, what is considered to be standard middle-class English. Much of the dialect is already disappearing. In time, we'll all be homogenized," he says.

And that, UMR's resident folklorist believes, would be a loss. 24/MSM Alumnus



Jan Cooper taking part of her final exam.

## **Students Study Horsepower**

Engineering and science students who took UMR's course in horsemanship last fall studied the "original" horsepower.

Tom Renick, senior in civil engineering from St. Charles, was enrolled in the one-hour credit course just for the fun of it. "I figured if I didn't learn how to ride now, I probably never would," he said. "I'm not sure I'll ever make much use of the skill, but it is something worth knowing and I've been having a good time!"

Horsemanship, as taught by Mary Ann Walker of Union, covers the basics—such as how to walk, trot and canter a horse, how to saddle and unsaddle, and take care of and handle the horses. Most of the students in the course are beginners. But, for those with some experience, Walker teaches more advanced techniques.

Kevin McIlvain, sophomore in aerospace engineering from Kansas City, was a more experienced rider. He took the course to learn how to ride Western style, since he had been used to the English saddle and techniques or riding.

Mariana Rodriguez, civil engineering student from Lima, Peru, graduated in December. "I've always wanted to learn how to ride," she said. "I'm going home to Lima soon where I will be working in a consulting firm. We have riding clubs in Lima and I hope to be able to join one."

Mark Wilsey, senior in mechanical engineering from St. Clair, was more serious about the subject. He looked on it as a good use of his time. "This course was a chance for me to get outside on Tuesday afternoons and get some air, exercise, and learn a new skill. I've also learned to overcome a certain apprehension about being around big animals."

UMR's athletic department has been making an effort to provide opportunities for students to learn more about non-team sports and develop personal skills in this type of activity. Horsemanship is conducted both in the classroom and at the Rolla Arena, a facility about five miles north of Rolla where the horses are stabled (it includes an indoor arena) and students may learn the more practical side of the sport.

Horsemanship will be offered again during the spring semester. Because of the probability of inclement weather, it will not begin until March and will be offered on both Tuesday and Thursday afternoons until the end of the semester. Those wishing more information about the course fees, renting horses, stabling their own horses and other details, should contact the UMR athletic department, Bullman Multi-Purpose Building, Rolla, MO 65401 (phone 341-4175).

One student in this fall's course had a vital reason for taking it. Jan Cooper, freshman in computer science from Rolla (1315 Pershing), had always wanted her own horse. "Our family has a farm near Montauk," Jan said, "and my father said I cound keep a horse there, but it would be my reponsibility entirely. I took horsemanship to not only learn to ride, but to learn something about horses—how to take care of them and what they need."

## Southeast Missouri Section

How Sweet It Is...

Girardeau, even if the margin is just two points. It is even sweeter when the victory is preceeded with a super alumni did the honors, and area boosters gathered at the HoJo in Cape for beer and snacks.

Present for the event were: Leo and Shirley Hindman, Cape Girardeau; Bill and Clemmie Stewart, Carbondale, Ill.; Punch and Poo Bennett, Sikeston; R. E. Breeding, Cape Girardeau; Roger Wagner, Cape Girardeau; Dave Hilt, Cape Girardeau; Bob and Martha Patterson, Sikeston; Stu, Twila and John Ferrell, Carterville, Ill.; Frank Conci, Golconda, Ill.; Gene and Ann Edwards, Paducah, Ky.; Joe Marchello, Rolla; Frank and Nancy Mackaman, Rolla; Jan. 7. May there be many happy Billy and Naomi Key, Rolla; Dale and

To win a basketball game in Cape Linda Martin, Rolla; Elmer and Clairlee Hawn, Cape Girardeau; Dave and Sandy Howard, Cape Girardeau; Charlie and Joyce Blattner, Cape Girardeau; meeting. Again, Director Bob Patterson Rick Blattner, Cape Girardeau; Buss and Dottie Paar, Cape Garardeau; Lindy Paar and friend, Cape Girardeau; Bill Hawn and date, St. Louis; Gerald Meyer and date, Cape Girardeau; Jimmy Hawn. Cape Garardeau; Jack and Ben Ricard, Cape Girardeau; Andy Ricard, Cape Girardeau; Roger Ellis, Jackson, Ken Hosp, Cape Girardeau, Ken Hilterbrand, Cape Girardeau; Kerry Weiker, Cape Garardeau; Max and Joan Burgett, Murphysboro, Ill.; Jerry Berry, Rolla, Ethan Chamberlain, Cape Girardeau.

It was a great night for the Miners on returns!









## Jobs Available

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. The brief job descriptions shown below are examples of job listings received by the office.

To obtain information about the current job listings, alumni need only send an up-to-date resume to the Career Development and Placement Office. The Placement staff will make a search for positions similar to that requested on your resume.

You will then receive information concerning the job descriptions as well as names and addresses of persons to contact.

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

#### SAMPLE LISTINGS

Advanced technology subsidary of engineering firm-Tennessee Metallurgical/Process engineer. Degree plus 10-15 years experience. Experience in lead, zinc, copper, or aluminum industry is required. Experience in molybdenum, magnesium, ferro-alloy, or iron/steel industry is desired. Advanced degree desired.

Large chemical corporation-East, South and Midwest Multiple listings—Chem. E.; E.E.; Met. E.; I.E.; M.E.; C.E.; E.T.; Econ. Senior Economist. Monitor the U.S. economy specifically as it impacts on the company, develop econometric and financial models of products and businesses. M.A. or Ph.D. in economics and three to five years experience

Minerals and chemicals industry-Alabama.

X-Ray Florescence Spectroscopist. Supervisor of eight lab technicians. B.S. Chemistry, physics (M.S. preferred) with a minimum of three years ex-

Engineering Consulting Firm—Texas Multiple listings—CE

Assistant Design Engineer. Municipal and Industrial Projects. B.S.C.E. with some experience desired.

## Meeting Data

EVENT/SITE	DATE
FOUNDER'S DAY	March 0
Rolla	
MIDLAND TEXAS SECTION	Monch 12
Texas	
ST. PAT'S CELEBRATION	** ****
Rolla	March 13-14
HOUSTON SECTION.	March 20
Busch Gardens	
ALUMNI-STUDENT-FACULTY CONFERENCE	April 23-24
Rolla	and the same of th
MSM-UMR ALUMNI ASSOCIATON BOARD	April 25
Rolla	The state of the state of the state of
CLASS OF 1931 REUNION	May 16
Rolla	
COMMENCEMENT	
Rolla	
HOMECOMING 1981.	Oct. 9-10
Rolla	
MSM-UMR ALUMNI ASSN. BOARD	Oct. 9
Rolla	
ROCKY MOUNTAIN LUNCH.	First Tuesday
Denver Petroleum Club	I desday

ATTENTION: Please notify Alumni Office of your meeting arrangements.

## Winter Commencement



Left to Right: UM President James Olson and Chancellor Joseph Marchello participate in the cermonies as Bob Mornin receives the doctoral hood from Provost Tomlinson Fort.

## **Bob L. Mornin, '48, Delivers Commencement Address**

Bob L. Mornin, executive vice president, operations, Adolph Coors Company, and president, Coors Container Company, Golden, Colo., delivered the address at UMR's Winter Commencement Sunday, Dec. 21.

Approximately 500 students received degrees at the ceremonies held in the Bullman Multi-Purpose Building. Mornin was awarded a Doctor of Engineering (Honoris Causa) degree.

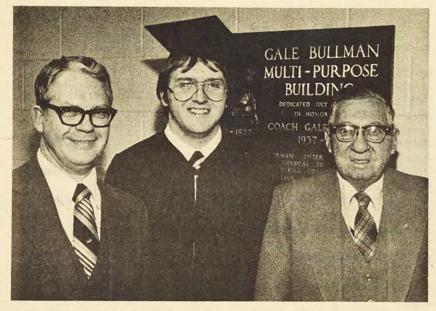
"Because people are the most important resource we have," Mornin told the graduates, "management in our free enterprise system must take a 'humanistic approach' if it is to succeed."

"You must be prepared to take advantage of all that your fellow workers and

employees have to offer," he continued. "And to do this you must develop an atmosphere of mutual trust."

Mutual trust, he stressed, can be accomplished only "by your actions—not empty words." You must provide "firm but fair treatment," "keep lines of communication open" and "offer complete employee participation and an opportunity for self-fulfillment."

Mornin received his B.S. and M.S. degrees in ceramic engineering from UMR in 1948 and 1949. He was awarded the professional degree of ceramic engineer by UMR in 1970. The MSM-UMR Alumni Association gave him an Alumni Achievement Award in 1977 and he was made an Honorary Knight of St. Patrick in 1980.



It was all in the family for Richard Isbell (center), December graduate in civil engineering. His father, Clarence (left) holds a bachelor of science degree in metallurgical engineering (class of 1950) and a master of science degree in engineering management (class of 1972) from UMR. His grandfather, Walker E. Case, was awarded the bachelor of science degree in electrical engineering from this institution in 1922.

26/MSM Alumnus



Chancellor Joseph M. Marchello, left, and Dr. Ernest M. Spokes, right, acting dean, School of Mines and Metallurgy, are shown with Benjamin Winter, student marshal. Marshals are graduating seniors leading the processional for their school. Selection of the individual marshal was made by the dean on a basis of scholarship, leadership and activities. Winter is the son of Mr. & Mrs. Robert V. Wolf, 1504 Scenic Drive, Rolla. He earned his B.S. degree in metallurgical engineering.

## **Faculty Activities**

# Christensen and Ridley To Write New History Of MSM-UMR

If you're the type of person who'd like to help make history, then Lawrence Christensen and Jack Ridley would like to hear from you.

In order to write the sort of history of UMR that they would like to, the two associate professors of history need your assistance and involvement.

"We want to produce a book that will be both readable and scholarly," said Christensen, "and so we'll include a chronicle of student and campus life as well as a more 'official' account.

"Accordingly," he continued, "oral history will play an important role in our research. We have access to official papers through the University archives and some record of student organizations and the like through sources such as the "Rollamo" and campus newspapers. More often than not, however, these sort of things lack the flavor of personal reminiscences."

"So what we'd like," Ridley said, "would be for alumni, faculty, staff and people from the area around Rolla to share their memories with us. And they can do this by getting in touch with us here at UMR and letting us know what sort of information they have.

"We're interested in all aspects of campus life—athletics, St. Pat's, campus hangouts, you name it—and we'd appreciate having any vignettes or anecdotes that individuals might know related to us," he added. "We'd also like, if possible, to view any papers, photos or artifacts that individuals might have relating to the time they spent on campus."

Both professors stressed that all such material can be returned, but if the individual is willing, the material will be placed in the UMR archives where it will be available for future use by historians.

Of particular interest to them, Christensen said, is learning about the founding of various official and unofficial campus organizations and activities.

"These sorts of things are very important," he added, "and the only way for us to learn about many of them is from the people who were and are involved.

"For example, burning an outhouse in front of the chancellor's residence on Oct. 31 is a tradition. And while it isn't an officially sanctioned activity, it has always played a role in the life of the school. So it would prove valuable for us to be able to talk to people who have taken part in something like this."

At present, plans call for the book to consist of four major sections: "Years of Founding: Laying the Foundation Blocks," 1870-1918; "Years of Stability," 1918-1945; "Years of Growth," 1945-1964; and "Years of Trial and Change," 1964-present. Each of these sections, in turn, will contain four chapters dealing with administration and construction, faculty, curriculum and students.

"The last two histories of the school—Clair V. Mann's 'The History of Missouri School of Mines and Metallurgy' and Clarence N. Roberts' 'History of the University of Missouri School of Mines and Metallurgy'—were published in the 1940s," Ridley said. "A lot of important years have passed since then and it seemed like a good time to catch up with events and produce a modern history."

The two have "only just begun" to work on the project and will be doing research through the summer of 1982. "So far," Ridley said, "we've started to go through some of the official records and have read several histories of other universities. We've found that few of them devote as much space to student and campus life as we intend to (roughly one-fourth of the book).

"Given the nature of our subject," he added, "this only seems appropriate. For, throughout its history, UMR has prided itself on putting its students first; it's been an educational institution in the best sense."

So if you know something about UMR that you think Ridley and Christensen might find helpful, please get in touch with them through the Social Sciences Department, Humanities-Social Sciences, UMR, Rolla, Mo. 65401, phone 314-341-4802 or 314-341-4806. They'll enjoy hearing from you.

# Spokes Appointed To Head National Committee

Dr. Ernest M. Spokes, acting dean of the School of Mines and Metallurgy at the University of Missouri-Rolla, has been appointed chairman of the Committee on Underground Coal Mines Safety of the National Research Council's Commission on Sociotechnical Systems.

The National Research Council is the operating arm of the National Academy of Sciences and the National Academy of Engineering and is a private, non-profit organization of scientists and engineers dedicated to furthering science and technology and their uses for the general welfare.

The Committee on Underground Mine Safety was formed to try to identify the characteristics that make some mines relatively safe and others relatively unsafe. They will examine options for improving the safety of all underground coal mines, especially those which have had a high accident rate.

The committee will gather its information by means of briefings by mine-safety specialists, visits to coal mines and review of analyses of accident records. Committee members are drawn from the fields of geology, mine engineering, economics, management, labor, medicine, law, psychology, sociology, and statistics.

The committee was formed in response to a recommendation by the President's Commission on Coal in a report issued last spring which found an "unacceptably wide variation in the safety experience among larger underground coal mines," and that fatalities are disproportionately higher in small underground mines.

## Aughenbaugh Named Fulbright Scholar

During the next two years, the Nolan B. Aughenbaugh family will experience three winters, three springs, and only one summer and fall.

From July to December of this year, Dr. Aughenbaugh, professor of geological engineering at UMR, will be a Fulbright Scholar at the University of Otago, Dunedin, New Zealand, in the southern hemisphere where seasons are reversed.

The UMR professor will be accompanied by his wife, Barbara, and two of their children, Lowell, 18, and Amy, 16. The family will live in Dunedin.

Aughenbaugh's assignement at the New Zealand university will be twofold: he will be a visiting lecturer in the department of mineral technology, and he will appraise problems related to the expansion of coal mining in New Zealand, a research project that will take him to many of the coal deposits located throughout the country.

This won't be Aughenbaugh's first trip to New Zealand. As a member of the United States team in the Antarctic during the International Geophysical Year in the late 1950's, he spent some time there, and, he says, "I've always wanted to go back and take my family."

Dunedin, his home base this trip, was his taking-off point for Antarctica. If possible, he hopes to take his son to see the area. They will visit Mount Aughenbaugh, the highest peak in the Dufek Mountains. It was named for him as co-discoverer of the mountain range.

The Aughenbaughs plan to be back in Rolla for the spring semester, 1982.

MSM Alumpus /27

Wesley George Hippard died Oct. 16, according to a notice received by the association.

#### 1921

Notice has been received of the death of William McKinley Kahlbaum, Elizabeth City, N.C. He was a retired metallurgical engineer.

## 1922

Word has been received of the death of -John Frederick Helmerichs on April 12.

Jennie Lenox Wheeler died at her home in Tucson, Ariz., on Dec. 15. She is survived by her husband, E. S. "Bugs" Wheeler, '22, a daughter, four grandchildren, and a sister and brother in Rolla.

A note to the association informs us of 1930 and Before the death of Paul Donovan Windsor.

## 1923

According to notice from the post office, Henry Guernsey Hubbard is deceased.

## 1924

Charles and Muriel Kentnor have moved to 13030 Westgate Drive, Sun City West, AZ 85375.

## 1925

James E. Stogsdill died in Tucson, Ariz. on Nov. 14. According to a note from his son, James R. Stogsdill, 2930 N. Peter Seward Dr., Tucson, AZ 85705, he is survived by three sons, and 13 grandchildren, all of Arizona.

Ted and Audrey Herman recently celebrated their Golden Anniversary with a reception for about 100 close friends. They continued the observance of the occassion by spending a month on the island of Maui in Hawaii. The Hermans live at 649 W. El Marado Court, Ontario, CA 91762.

## 1929

Luther and George Rae Murray started a Golden Wedding cruise to the Bahamas on Dec. 28. "It was a gift from our two children." The Murray's address is 804 Fairview Road, Apt. B-5, Columbia, MO 65201. They didn't say when they were coming home!

Reunion At Homecoming Class Coordinators:

Thomas O. English '29 605 Bergstrom Place Marshall, TX 75670

Wayne S. Frame '23 Route No. 3 Eldon, Missouri 65026

Charles A. Freeman, '28 5 Via Delizia Hillsborough, CA 94010

Elmer Gammeter '26 118 Duncan Cir-Windermere Beaver, PA 15009

William E. H. Knight '24 1173 Grand Carthage, MO 64836



1980 Rollamo

Edwin G. Machin '22 P.O. Box 175 Nashville, IL 62263

William K. Schweickhardt '28 417 north Woodlawn Ave. Kirkwood, MO 63122

> C. James Grimm '30 P.O. Box 105 Rolla, MO 65401

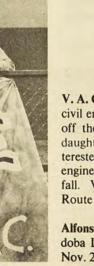
S. Allen Stone '30 1405 Three Rivers East Fort Wayne, In 46802

A note from W. R. (Jack) Mays says: "After four years of retirement, I have returned to teaching-but only parttime." He is a teacher at Kilgore College. Jack and Elizabeth live at 207 Horseshoe, Kilgore, TX 75662.

A note from J. K. Richardson says: "Retired Sept. 1, as president emeritus of the Arizona Mining Association. Was given 'distinguished citizen' award by the University of Arizona on Nov. 14." J. K. and Wilma's new address is 505 Malachite, Box 426, Tyrone, N. M. 88065.

## 1933

Walter H. Braun tells us: "I retired at the end of September but am continuing part-time work as a consultant to my former employer. Spending my free time playing golf and taking my dog for long walks." Walter's address is Main Line Berwyn, Apt. B109, Berwyn, PA 19312.



1980 Rollamo

1931

Reunion At Homecoming Class Coordinators:

Vernon A. C. Gevecker Route No. 2, Box 39 Rolla, MO 65401

> Rolla T. Wade 5202 Woodway Houston, TX 77056

V. A. C. Gevecker, professor emeritus of civil engineering at UMR, was showing off the campus this fall to his granddaughter, Karen Graves. She is interested in a career in aerospace engineering and will be a freshman next fall. Vern and Mildred's address is Route 2, Box 39, Rolla, MO 65401.

Alfons Joseph Tiefenbrun, 9263 Cordoba Lane, St. Louis, MO 63126, died Nov. 25, according to a note received by the alumni office.



1980 Roll



Louise and Reade Beard "visited the

campus Oct. 16, on the way back to

California. Triangle invited us to dinner.

Enjoyed their hospitality very much.'

The couple lives at 3698 Liscome Way,

Reunion At Homecoming

Class Coordinators:

James H. Menefee

205 Fireside Court

LeHigh Acres, FL 33936

William E. Dennis

412 Oakshire

Kirkwood, MO 63122

Herman J. Pfeifer

5 S Pego Way

Hot Springs, AR 71901

Concord, CA 94581.

1936

Eugene J. Daily tells us: "I have relinquished the title of president and am now Chairman of the Board of Daily and Associates Engineers Inc., Champaign-Peoria." His address is 816 Dennison Drive, Champaign, IL 61820.

A. E. Woerheide Jr. is now a senior petroleum engineer with H. J. Gruy & Associates in Houston. A. E. and Winston's address is P.O. Box 1632, Silsbee, TX 77656.

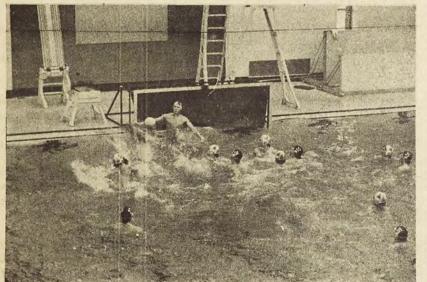
## 1938

Roy C. Cornett writes: "I retired on Dec. 20, from my civilian job as Army Power Procurement Officer, Representative for the Office of the Chief of Engineers, in Washington, D.C. Mary is recuperating well, and accompanied me on a business trip to California and Hawaii in November." The Cornetts live at 6109 Everglades Drive, Alexandria, VA 22312.

The following news comes from Joseph W. Howerton: Retired from Western Electric Co. in March (1980) after 30 years service. Was manager of the Montgomery Works. Now off to Rancho Bernardo, San Diego, for the winter." Joe and Clarellen live at 1 Normandie Drive, Prestbury, Aurora, IL 60504.

## 1939

Tom Harsell, president of Harsell Engineering Corp., reports that his business is now located at 1700 Pontius Ave., No. 203, Los Angeles, CA 90025. He and Maralee live at 141 S. Linden Drive, No. 305, Beverly Hills, CA 90212.



1980 Rollamo

Wade D. Waters says: "Will retire Jan. 31. The alumni directory lists me as a chemical engineer—a disgrace to a member of the met house gang. Chem engrs. were Parker Hallers!" Before retiring, Wade was chief engineer for Bryan Metals, Inc. His address is 319 Newdale Drive, Bryan, OH 43506.

## 1940

William and Dorothy Young have moved to 95 Valencia Way, Hot Springs Village, AR 71901.

## 1941

Reunion At Homecoming Class Coordinators:

Wayne J. Bennetsen 1542 Mason Valley Dr. St. Louis, MO 63131

Andrew A. Cochran Route No. 4, Box 99 Rolla, MO 65401

Fred W. Finley 207 W 1st Terrace Lamar, MO 64759

Marvin E. Nevins, Jr. 18960 W. Greenfield Waukesha, WI 53186

Donald H. Falkingham 7135 S. Evanston Tulsa, OK 74136

Warren L. Loveridge 16 Devondale St. Louis, MO 63131

Virgil Becker, manager, materials control, for Purex Corp. in St. Louis, brought Robyn Becker, student at Hazelwood East High School, to UMR for an inspection trip this fall. Virgil's address is 11740 Talbott Court, St. Louis, MO 63138.

Jerome P. Dreste reports that he is now retired. He and LaHoma live at 56 Oakland Ave., West Hempstead, NY 11552.

## 1942

Notice has been received of the death of George Dildine Grayer on Sept. 23, Milwaukee, Wisc. He was 60 years old.

Daniel A. Kind has been named president of Wesley-Kind Associates Inc., New York, N.Y. His home address is 444 East 66th St., New York, NY 10021.

#### 1943

Raymond and Dorothy Finch have moved to 6511 N. Walnut, Box 10566, Gladstone, MO 64118. Raymond is retired.

H. W. "Bill" Flood has joined Resource Engineering Inc. in Waltham, Mass. He was formerly with Kennecott's Lexington Development Center and with Arthur D. Little Inc. Bill will be responsible for the development of new business in the areas of business strategy and planning—particularly at the interface between corporate management and technology. His new company is a consulting firm with strong interests in coal, solid fuels and non fuel minerals. Bill and his family live at 183 Main St., Acton, MA 01720.



## E. WILLIAM KLEEFISCH

E. William Kleefisch, Ex. '43, technical consultant, Nooter Corp., St. Louis, has been named a 1980 recipient of the Award of Merit by the American Society for Testing and Materials (ASTM). The Award of Merit, naming the recipient a Fellow of the Society, recognizes distinguished service to the cause of voluntary standardization through productive service to ASTM, marked leadership, outstanding contribution, or publication of papers. Kleefisch began his career with Nooter Corp. in 1946. He did metallographic and corrosion evaluations in their mechanical test laboratory. His work covered failure analysis, fabrication techniques, and control. He served as chief metallurgist for 25 years. In his present position, Kleefisch focuses on welding procedures and related problems. His address is 7636 Maryland Ave., Clayton, MO 63105.

Gene and Donna Martin have moved to 2343 S. Terrace, Springfield, MO 65804.

Edward and Harriett Vollherbst have moved to 30 Bay View Drive, Toms River, NJ 08753. Ed has been promoted to licensing sponsor—Canada and Latin America, for Westinghouse Electric Corp., Pittsburgh, Pa.



Robert L. Banks, third from left, was honored recently by Phillips Petroleum Co. for discoveries and inventions leading to his 25th U.S. patent. The award was presented by J. W. Davison, vice president Phillips research and development, right. D. J. Quigg, patent counsel, left, and Mrs. Banks were present at the ceremony. Bob and Mildred live at 5610 Cornell, Bartlesville, OK 74003.

## 1944

**Donald G. Lepere** reports that he is now retired. He and Anne have moved to 1595 Creekford Way, Stone Mountain, GA 30088.

Vernon J. Pingel is now manager, quality control and metallurgy, with Shaped Wire Inc. St. Charles, Ill. He and Elaine live at 812 W. Grove St., Arlington Heights, IL 60005.

O. Morris Sievert is now chairman of Solar Turbines International of San Diego. He and La Wanda live at 1919 Estrada Way, LaJolla, CA 92037.

P. Gene Smith writes: "I have just completed a one-year Congressional Fellowship assignment. I was sponsored by IEEE and worked for Senator Dale Bumpers (D, Ark). Principal work was on Senate Energy Committee issues." Gene and Elaine's address is 1329 Camino Manadero, Santa Barbara, CA 93111.

## 1945

Robert F. and Juliet Schmidt have moved to 710 Locust St., Wrightsville, PA 17368. Bob is technical director for Colonial Metals Co.

## 1946

Reunion At Homecoming Class Coordinators:

Kenneth M. Wilhelms 8 Grantwood Lane St. Louis, MO 63123

Arthur R. Meenen 800 N. 12th Street St. Louis, MO 63101

Walter H. Kiburz 510 Hazel Place Mexico, MO 65265

## 1947

Harold G. Butzer, president of Harold G. Butzer, Inc., has been elected vice president of the Jefferson City Chamber of Commerce. Harold, Catherine, and their four children, live at 411 Schellridge Road, Jefferson City, MO 65101.

Roy H. Dunham reports: "Joined Bechtel Energy Corp. in the spring of 1980 as manager of engineering. The newly formed corporation has its office in Memphis." Roy and Helen have moved to 8373 Meadow Run Cove, Germantown, TN 38138.

Bill Harville sends the following information: "Daughter Susan Elaine is in Paris. She has been doing missionary work for five years—the last two in France. Three sons doing well in Georgia. Have five grandchildren. Haven't forgotton old mule company." Bill has retired as a full-time minister and is now with Bethel Presbyterian Church in Duluth, Ga. part-time. He and Alice live at 261 Pinetree Circle, Decatur, GA 30032.

A note from Philip D. Johnson reports that he is recovering from a double bypass operation on his heart. Phil and Louise's address is Rural Route, Rice, WA 99167.

John and Deborah Schork have moved to Avonwood, Route 1, Oxford, MD 21654.

Keith D. Sheppard is a senior vice president with A. A. Development/Energy Corp., Dallas. He and Jean live at 4341 Willow Lane, Dallas, TX 75234.

W. I. Stevens is now vice president of Wainoco Oil and Gas Co. He and Helen live at 13634 Balmore Circle, Houston, TX 77069.

#### 1948

Ralph Banks has been named manager, regulatory affairs, for Inland Steel Coal Co., Sesser, Ill. Ralph and Mary Carol live at 1807 Briarwood Drive, Mt. Vernon, IL 62864.

The following is a note from George E. McCormack: "After 31 years with E. I. DuPont Co., I have retired to become a blasting consultant (resume on request). I would appreciate it if you would place my name in your files in case someone needs an 'old powderman'. They can contact me at 6 Montcrest Drive, Birmingham, AL 35213, Phone: 205/871-1987."

## 1949

Jack D. Foster has been named area geologist with ARCO Oil and Gas Co. Jack and Kathy's address is 2005 North 'C', Midland, TX 79701.

William H. Magruder has a new assignment as managing director for Union Carbide in Southern Africa (Johannesburg). His and Audrey's new address is 18 Drakenstein-Heyneke Ave., Sandton, South Africa 2146. They say: "Be glad to see any visiting Miners."

Bill R. Roark reports that he retired Sept. 8, as an offshore district production superintendent. He and Ruth have moved to Route 3, Box 131 A, Grove, OK 74344.

## 1950

Vernon G. Berkey has been named president, Midwestern Steel Division of ARMCO, Inc., Kansas City. He comments: "Came full circle. Graduated in Missouri 30 years ago, returned to Missouri in 1980." Vern and Joyce now live at 11275 Hemlock, Overland Park, KS 66210.

D. Wallace Breuer reports: "Retiring Jan. 1 as professor and head of the department of aeronautics and astronautics at the Air Force Institute of Technology, Wright Patterson AFB, Ohio." He and Ethelene live at 5539 Oakshire Circle, Dayton, OH 45440.

Carl G. East is now a sales representative with his own company, Schuler & Associates, Palatine, Ill. He and JoAnn have moved to 219 Old Bridge Road, Palatine, IL 60067.

Karlheinz Eissinger, '50, '51, retired from the U. S. Geological Survey in Rolla Nov. 15. He and Loula Mae live at 211 S. Adrian, Rolla, MO 65401.

William and Melba Heisler have moved to 1432 Lemhurst Drive, Pensacola, FL 32507. He is a principal engineer with Monsanto.

David L. Hillhouse has received the Bronze Medal from the U.S. Department of Commerce National Bureau of Standards recognizing his "extremely competent performance" of official duties in the department over a number of years. He was cited for developing a modular transportable system to calibrate voltage measurement devices in electric utility substations. He has been with the Bureau for 13 years. His address is 14102 Flint Rock Terrace, Rockville, MD 20853.

R. Norman Holme is now chief metallurgst, mineral processing chemicals, with American Cyanamid Co., Knoxville, Tenn. He and Gloria Mae live at 1140 Venice Road, Knoxville, TN 37923.

G. G. Jurenka has been named producing manager, for Mobil Oil Corp., Denver Division. He and Shirley have moved to 6375 S. Geneva Circle, Englewood, CO 80111.

Peter and Doris Kelly report: "We now have two granddaughters—Emily (2) and Megan (18 months)." Peter is area engineer, preliminary engineering services, bu. deisgn, for the Illinois Department of Transportation in Springfield. The Kelly's live on Route 1, Chatham, IL 62629.

James E. Miller, project manager-construction, for Howard Needles, Tammen and Bergendoff, reports that his present management project is a four track wide, cut and cover railroad tunnel in the heart of Philadelphia—1.7 miles long with construction costs estimated at \$300,000,000.00. Jim and Lucy live at 66 Cooper-Tomlinson Road, Medford, N.J. 08055.

Henry and Lillian Reynolds have moved to Route 2, Box 385, Crystal River, FL 32629. He is a consulting engineer with Black & Veatch.

Norman F. Schneider Sr., is now manager of technical services for Phillips Petroleum Co. in Stavanger, Norway. He sends the following message: "Still enjoying life in Norway. Just returned from vacation in Israel. Nice to be warm." Norm and Jeannette's address is Marius Skadsemsvei 47, 4300 Sandnes, Norway.

Dale and Martha Sims have moved to 2211 Jamestown Court, Joplin, MO 64801. Dale is an engineer with Allgeier, Martin and Associates, in Joplin.

Larry Spanier president of Comtronic Associates, Mehlville, N.Y. brought Andrew Maly, senior at Freehold Township High School, with him when he and Elaine came back to UMR for Homecoming this fall. Andrew is interested in a career in civil engineering. The Spanier's address is 5 Pettit Drive, Dix Hills, NY 11746. Larry also took office as president-elect of the MSM-UMR Alumni Association.

Robert E. Starke has moved to 5 S. Commonwealth Ave., Aurora, IL 60506. He is chief application engineer with Aurora Pump.

Richard J. Stegemeier has been elected a senior vice president and a member of the board of directors and the executive committee of Union Oil Co. of California. He is president of the Union Science and Technology Division, the company's research and development unit, headquartered at the Fred L. Hartley Research Center in Brea, Calif. He has been with Union since 1951 and has held a variety of positions including production manager for Union's Australia oil and gas operations and vice president and general manager for the company's exploration and production activities in Indonesia. He and Marjorie live at 1731 Dana Place, Fullerton, CA 92631, with their four children.

Don and Betty Wunnenberg send the following: "Celebrated 30th wedding anniversary on Oct. 14. Oldest daughter, Jan, teaching 1st and 2nd grade at First Lutheran School, Sharpsburg, Pa. Doug is in second year at Penn State, New Kensington campus, and Linda is a junior at Fox Chapel Area High School." Don is account manager for Allis-Chalmers/Stephens Adamson. The family lives at 507 Glengary Drive, Pittsburgh, PA 15215.

1951

es, at ur in-

sts

and

ved FL vith

101

for

ger,

ing vay.

ael

ean

svei

MO

Reunion At Homecoming Class Coordinators:

William Tsai 14317 Miranda Way Los Altos Hills, CA 94022

George W. Comanich 5104 Tamarach Dr. Baytown, TX 77521 Bruce E. Tarantola 9000 Skycrest Dr. St. Louis, MO 63126

Herman A. Fritschen, Jr. 5249 S. 68th E Place Tulsa, OK 74145

Herb Akins, product development engineer with International Harvester Co., in Downers Grove, Ill., brought high school students Tim Akins (Downers Grove) and Bill Brandon (DeSoto) to campus in November. Herb's address is 6034 Grand, Downers Grove, IL 60516.

Neal B. Dowling reports that he is planning to visit Rolla in 1981 for the 30th reunion of his class. He is central regional sales manager for Centralab, Inc., Milwaukee, Wisc. Neal and Betty Jane live at 121 W. Highland Drive, Grafton, WI 53209.

George and Jane Knight have moved to 624 S. Mulberry St., Statesville, NC 28677. George is foundry superintendent for J. C. Steele.

Gerald N. Keller is now senior geophysicist for Natomas North America, Inc. He and Mary Jo have moved to 10314 Pine Pass, Houston, TX 77070.

The following news is from **Donald J. Taylor:** "Don and Cynthia Taylor are moving to Indio, Calif., from Valley Park, Mo. Don has been employed as manager of engineering for Armtec Defense Products, Coachella, Calif." The Taylor's temporary address is c/o Armtec, P.O. Box 848, Coachella, CA 92236

John Frederic Winters died June 2, in College Park, Md.

## 1952

According to a notice received by the alumni office, **Brayton Acer** died Jan. 15 of a heart attack.

Raymond and Jacqueline Heilich have moved to 228 Frary Drive, New Kensington, PA 15068. Ray is a senior engineer with Alcoa.

Leslie and Marianne Holdman's new address is 7804 N. W. 28 Terrace, Bethany, OK 73008. Les is a senior division staff engineer with Schlumberger Well Services in Oklahoma City.

Edgar Oliphant Jr. is president of Foley Engineering and Construction Inc., Kansas City. He and Nancy live at 10311 Howe Lane, Leawood, KS 66206.

Dan W. Martin has been named site manager, Comstock operations, for Houston International Minerals Corp. Dan and Shirley's new address is P.O. Box B, Virginia City, NV 89440.

## 1953

John H. Bender has been named production supervisor for Kaiser Refractories. He and Nadyne have moved to 656 West-100 North, Valparaiso, IN 46383.

Harold R. Crane, owner and general manager of Crane and Fleming—Engineers, Architects and Surveyors, brought his daughter, Kamila, to UMR this fall to inspect the campus. She will be a freshman next year. The family lives at 480 Country Club Drive, Hannibal, MO 63401.

James L. Knearem was "recently named plant manager and director of U.S. operations for PFW Division of Hercules Inc., based in Middleton, N.Y. Will be moving in June, 1981." As of now, Jim and Mary Louise still live at 1108 Independence Drive, West Chester, PA 19380.

L. James W. Reger has been named director of plant services and maintenance at the Bethany Medical Center in Kansas City. He and Marjorie have moved to 9201 W. 48th Terrace, Merriam, KS 66203.

## 1954

John L. Finley has retired. He and Susan have moved to Route 1, Box 23F, Herford, AZ 85615.

#### 1955

Samuel U. Barco was "one of the authors of a paper entitled 'Treatment and Reuse of Water in an Elemental Phosphorus Plant.' It was presented at the Water Pollution Control Federation annual conference Oct. 1, in Las Vegas, Nev." Sam is senior process engineer with Hooker Chemicals and Plastics Co. He and Joan live at 313B Country Club Lane, Columbia, TN 38401.

decree many

Word has been received of the death of Russell L. Langston on Jan. 31, 1979. He is survived by his wife, 822 Olivia Ave. S.E., Huntsville, AL 35802, and two sons.

#### 1950

Reunion At Homecoming Class Coordinators:

George R. Baumgartner 2120 Syracuse Dearborn, MI 48124

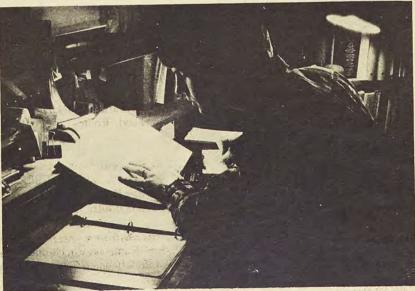
Jerry B. Overton P.O. Box 367 Airway Hts, WA 99001

Joseph J. Yancik 1703 James Payne Circle McLean, VA 22101

> Leroy E. Thompson 5860 SW 89th Place Miami, FL 33173

Peter N. Yiannos 2304 Empire Dr. Wilmington, DE 19810

Wendell and Georgia Haubein's new address is Route 1, Lohman, MO 65053. Wendell is the new pastor at St. John's Lutheran Church in Lohman.



1980 Rollamo MSM Alumnus/31

## 1957

Carl and Shirley Antrim have moved to 3646 Beechwood Drive, Lee's Summit, MO 64063. Carl is now manager of engineering for The Pritchard Corp., Kansas City.

William G. Demzik has been promoted to district manager, business electronic design, for Southwestern Bell Telephone Co., St. Louis. He and Betty live at No. 7 Frontenac Estates Drive, St. Louis, MO 63131.

Harry M. Meyer Jr., division manager, Florida Steel Corp., Tenn Steel Mill Divison, brought his son, Harry M. Meyer III, to campus this fall to look the place over. Harry III attends Erskin College and was interested in UMR's Graduate School. The family lives at 2943 Bells Highway, Jackson, TN 38301.

Lloyd E. Reuss has been named vice president and general manager of the Buick Division of General Motors. He was promoted from the position of director of engineering for Chevrolet. Reuss lives at 691 S. Hill, Bloomfield Hills, MI 48013.

John (Jack) J. Howard reports: "Have been named director of marketing for the St. Louis office of Envirodyne Engineers Inc., (headquarters in Chicago). It is a professional consulting firm specializing in environmental engineering and transportation engineering. The St. Louis office serves as the headquarters for all environmental projects." Jack and Patricia live at 295 Avant Drive, Apt. A, Hazelwood, MO 63042.



1980 Rollamo

#### 1958

Donald W. Capone has been promoted to manager, nuclear engineering, for Union Electric in St. Louis. Don's address is 4827 Moccasin Drive, St. Louis, MO 63123.

Les and Carolyn Daniels have moved to 2811 Valley Manor, Kingwood, TX 77339. Les is now marketing and supply manager—gas liquids, for Mobil Oil in Houston.

Two UMR alumni are the recipients of the first two research and development Achievement Awards presented by the A. E. Staley Manufacturing Co. Both John F. Rasche, '58, and Gin C. Liaw, '66, were honored for significant contributions to process innovation. Rasche, process engineering manager, corporate engineering division, was recognized for his contributions to Staley starch conversion processes. He has been with the company since 1958. John's address is 1821 Burning Tree Drive, Decatur, IL 62521. Both alumni earned degrees in chemical engineering.

Walter and Marilyn Rothermel have moved to 75 S. Reynolds St., Apt. G410, Alexandria, VA 22304. Walter is a physical scientist for the Defense Mapping Agency at the Naval Observatory, Washington, D.C.

Jacob and Alberta Russo have moved to 13970 Le Sabre, St. Louis, MO 63034. He is supervisor procurement liaison engineering, Emerson Electric.

George D. Tomazi has been named senior project manager for Mallinckrodt Inc. He and Lois live at 12723 Stoneridge Drive, Florissant, MO 63033.

Ronald and Karen E. Wegener have moved to 11 Northridge Drive, Lamar, MO 64759. Ron is manager of engineering for O'Sullivan Industries Inc.

## 1959

Itsu Arimura with Boeing's Radiation Effects Laboratory in Seattle, is conference chairman for the 1981 IEEE annual Conference on Nuclear and Space Radiation Effects to be held in Seattle July 21-24. Itsu can be reached at Boeing Aerospace Co., Radiation Effects Laboratory, MS 2R-00, Box 3999, Seattle, WA 98124.

Fred and Frances Dice have moved to 2001 Park Lane, Keokuk, IA 52632. Fred is now plant engineer for Midwest Carbide Corp.

William H. Love is now a senior engineer with Sperry Systems Management. He and Eleanor have moved to 9411 Danese Lane, Huntsville, AL 35803.

Arthur E. Kincaid, plant engineer for McQuay—Norris Inc., brought Kevin Kincaid, Brad Borcherding, and Eric Klemenok, students at Washington High School, to UMR on an inspection trip this fall. The Kincaids' home address is 236 Holtgrewe Road, Washington, MO 63090.

E. H. Koederitz reports that "son, Kent, is a sophomore in mechanical engineering at UMR." E. H. is a manager for Union Carbide Corp.—Linde Division, in Springfield, N.J. He and Joan live at 27 Bell Drive, Westfield, NJ 07090.

Victor F. Spruill reports: "In August, I chaired a session of Engineering Fndn. Conference on building economics in Henniker, N.H. In September, was appointed assistant professor, building construction at the University of Florida, Gainesville. In January, retired from Pullman Kellogg in Houston, Texas, as assistant to the director, general engineering." Vic and Harriet now live at 1825 N. W. 20th Way, Gainesville, FL 32605.

John D. Taliferro has accepted a position as administrative officer, health planning, with the Montana State Department of Health and Environment. He and Lenore have moved to 1026 9th Ave., Helena, MT 59601.

## 1960

Hubert Adams, who is with Founders Alliance Corp., Bloomfield Hills, Mich., has moved to 4711 Pare Lane, Trenton, MI 48183.

Robert R. Belew has moved to 2005 East Tupelo Drive, Huntsville, AL 35803.

Walter C. Gray is now staff EDP manager for TRW Inc.—Automotive Worldwide, in Solon, Ohio. He and Elaine have moved to 35054 Cannon Road, Bentleyville, OH 44022.



Charles E. Hunter is vice president of Sunbelt Mining Co. He and Margaret live at 13319 Sunset Canyon Drive N.E., Albuquerque, NM 87111.

Hugh and Patricia Logue have moved to 10218 Huntington Dale Drive, Houston, TX 77099. Hugh is now area geophysicist with ANR Production Co.

Paul B. and Betty J. Medley II have moved to 605 Old Post Road, Virginia Beach, VA 23452. Paul is a field engineer with Rockwell International.

Douglas and Margaret Munsell report "the brith of their 11th child (lost twins in miscarriage last year) on Dec. 3. He is Joseph Carlisle, 9 lbs., 1 and 1/4 oz., 4118 grams, 22 inches. Roundball prospect for Rolla?" Doug is a design specialist for McDonnell-Douglas (Patuxent River, Md.). The family lives at 186 Gunston, Lexington Park, Md. 20653.

Leo and Margie Tayloe have moved to 3945 S. Indianapolis Road, Lebanon, IN 46052. Leo is an engineer with James H. Drew.

Henry L. Ponzer brings us up-to-date as follows: "Following graduation, I was with Missouri Water Co. in Independence for a little over five years. For the next eight years, I was a project, design and resident engineer for Riddle Engineering in Kansas City, working on water and wastewater projects. In 1973, Robert Sears, Duane Youngquist and I formed Project Service Company and the consulting engineering partnership of Ponzer-Sears-Youngquist. In 1979. and 1980, we consolidated and became incorporated as Ponzer-Sears-Youngquist, P.A. (PSY), Consulting Engineers, Olathe, Kans. PSY provides engineering services for the public and private sector, primarily in Kansas and Missouri, in water, wastewater and civil engineering fields. My wife, Mary, Brian (14), Trisha (13), Matt (11) and I live at 11219 Wornall, Kansas City, MO 64114. Football and basketball are the order of the day for Brian and Matt."

#### 1960

R. Lee Miller has been named senior projects engineer with Arabian American Oil Co. Mail to Lee and Ella should be addressed: ARAMCO, Box 8192, Dhahran, Saudi Arabia.

## 1961

Reunion At Homecoming Class Coordinators:

Albert E. Bolon Rt. No. 3, Box 213A Rolla, MO 65401

Farouk E. S. El-Baz 2786 N. Wakefield St. Arlington, VA 22207

H. Neal Granneman 1000 West 10th Rolla, MO 65401

Jerome D. Patterson 1660 Ashlawn Dr. Pittsburg, PA 15241

Larry E. Farmer Rt. No 2, Box 445 Ash Grove, MO 65604

Rene J. Leonard 4214 San Amaro Drive Coral Gables, FL 33146

Michael C. Kearney 107 Trail East Dr. Hendersonville, TN 37075

Frank Jacks has been named an advisory engineer for IBM. His address is 9205 Cedar Forest Drive, Austin, TX 78750.

as

et,

n

10

ne

ng

nd

nd

vil

an

0

F. E. (Gene) Lortz reports: "Promoted to chief, branch of photogrammetry, with the USGS National Mapping Division, Mid-Continent Mapping Center on May 4. Blanche, our three girls—Sandra, Teresa and Lisa—and I live in Rolla and enjoy it here in the 'garden spot of the Ozarks.' Looking forward to 20-year homecoming in 1981." The Lortz address is Route 4, Box 460, Rolla, MO 65401.

Wendell C. Putman has been promoted to vice president, petroleum operations, for Farmland Industries, Inc., Kansas City, Mo. He is responsible for directing Farmland's petroleum activities including crude oil supply and transportation, refining, product supply and distribution and marketing. At the time of his new assignment, he was executive director, petroleum administration. Wendell's address is 4872 W. Black Swan Drive, Shawnee, KS 66216.

Robert W. Randolph has been named chief engineer for Wilkerson-Maxwell Co. in Kansas City. He and Judith live at 5204 S. Union, Independence, MO 64055.

Roy B. Smith is now project manager for the U.S. Navy ROICC, Naval Submarine Support Base, Kings Bay, Ga. He and Cynthia live at 201 S. Julia St., St. Marys, GA 31558.

Edward R. Tegland has been named director of research for the Denver Processing Center. He and Janice have moved to 8865 E. Thunderbird, Parker, CO 80134.

#### 1962

Herbert R. Alcorn, '62, '64, is a computer consultant for Queue Systems Inc. He and Rosetta have moved to 4802 Devon Circle, Naples, FL 33942.

The following comes from Tom and Judy Coyle: "Have adopted Brian Thomas, a bright little Korean infant who will be two in February. We also have a daughter, Elizabeth, who is six and enjoying first grade." Tom is with Solar Energy Research Institute in Golden, Colo. The family lives at 1606 S. Hoyt St., Lakewood, CO 80226.

A note from **B. T. Dave** says: "I, my wife, Devi, and sons Hamel (10) and Raj (6) enjoy living in beautiful Connecticut. We welcome old friends to stop by or call if in the area." He is division process engineer and services manager for Uniroyal Chemical Inc. The family lives at 17 Jeremy Woods Drive, Southington, CT 06489.

William L. Hallerberg reports: "WLH was recently promoted to vice president of metallurgy at the newly formed Ingersoll-Rand Oilfield Products Co., Specialty Steel Division (the former Machinery Division of Cabot Corp.)." He and Betty live at 2128 Christine, Pampa, TX 79065.

John Rabacs has been appointed manager-economics and planning, for Texaco International Exploration Co., Harrison, N.Y. TIEC is a division of Texaco Inc. John joined Texaco in 1962 and after a series of engineering assignments both onshore and offshore, was named assistant coordinator in the Eastern Hemisphere Producing Department in New York in 1972. He was later appointed senior staff engineer in Eastern Hemisphere Producing Operations and was promoted to his new position from assistant manager-contracts and negotiations, in the same department. His address is 165 Oyster Road, Fairfield, CT 06430.



1980 Rollam

Darroll S. McCormack has been promoted to section chief, electronics, with McDonnell Aircraft Co. He and Carolyn live at 1520 Flamingo Drive, Florissant, MO 63031.

N. C. Mehta has been named group engineer with International Harvester. He and Willa live at 7710 Wishing Well Court, Ft. Wayne, IN 46815.

Peter E. Otten has been named general manager for Heinz, Gietz, Autohaus, Inc. Peter and Sonja live at 6840 Paseo Laredo, La Jolla, CA 92037.

Michael L. Woldman delivered a paper on groundwater contamination by trichloroethylene at the 53rd annual conference of the Water Pollution Control Federation held in Las Vegas in the fall. Mike is with Roy F. Weston Inc., West Chester, Pa., and lives at 815 Oakbourne Road, West Chester, PA 19380.

## 1963

John H. Anderson is now customer service representative for Pacific Coast Title Insurance in San Rafael, Calif. John and Mary's address is 368 School Road, Novato, CA 94947.

Lane C. Chaffin is now mechanical engineer at the Weapons Quality Engineering Center, Naval Weapons Station, Concord, Calif. He and LaVerne have moved to 2001 Spring Lake Drive, Martinez, CA 94553.

Chang and Sohryang Kim have moved to 102 Woodshire Drive, Pittsburgh, PA 15215. He is associate research consultant for U.S. Steel Corp. Research, Monroeville, PA.

Charles and Twila May have moved to 5201 Verner Drive, La Palma, CA 90623. He is now vice president, marketing, for Gulton Industries-EMD in Hawthorne, Calif.

Dave Hicks, manufacturing manager for Nish-Nah-Bee Industries, brought high school junior Don Hicks to campus in November on an inspection trip. The Hicks' address is 303 Wenonah, Traverse City, MI 49684.

Narendra and Magdalena Naiknimbalkar have moved to 3700 Windsor Court, P.O. Box 15277, Rio Rancho, NM 87124. He is now acting mine superintendent for Sohio Western Mining Co. in Albuquerque, NM.

Richard Jauer is now a technical specialist for McDonnell Aircraft, St. Louis. He and Gudrun live at 4130 Pont, Bridgeton, MO 63044.

Richard A. Kahl, '63, '69, is now chief S&I Branch, Construction Division, U.S. Army Engineering Div., Europe, CD-I, APO NY 09757. He and Chris live at Otto-Hahn-Str. 1, 6082 Morfelden, Walldorf, West Germany.

A note from Raymond Lasmanis reports that he "has been promoted to exploration manager for Canadian Superior Exploration Ltd., Vancouver, British Columbia, Canada. The company has operations in Europe, North America and Australia." Ray and Josephine live at 3129 Mariner Way, Port Coquitlam, B.C., Canada, V3C3X5.

Paul H. Miller writes: "After four years in Tripoli, Libya, with Oasis Oil, I have a new assignment in London with Marathon Oil." Paul's new address is 174 Marylebone, London NW15AT, England.

James K. Van Buren, '63 and '70, reports: "Will be returning to St. Louis area with my company (Sverdrup & Parcel) as a vice president in the transportation and public works division." Right now, Jim and Karen's address is 9336 Mt. Vernon Circle, Alexandria, VA 22309.

## 1964

Jan and Wanda Allen were killed in an automobile accident Jan. 11, at Chillicothe, Ill. Jan was a supervisory design engineer for Caterpillar Tractor Co., Peoria, and had been with the company for 18 years. The couple is survived by three daughters, Tana, Tori, and Tara, all living at home.

Harold M. Beardslee is now a professor of military science at Kent State University. He and Sharon have moved to 325 Bowman Drive, Kent, OH 44240.

Jerrold L. Chervitz has been promoted from branch manager of Tymeshare Inc. to area manager of National Utilities Marketing Area, a subsidiary of Tymeshare Inc. Jerry lives at 1524 Shoemaker Court, Creve Coeur, MO 63141.

William H. Daniels, '64, '69, has been named manager, components engineering, for General Electric, Specialty Materials Division, in Worthington, Ohio. "I was formerly manager advanced application programs," he comments. Bill and Judy live at 3918 Byers Road, Delaware, OH 43015.

Choon K. Quan writes: "Am now in the division of analytic studies, whose activities and responsibilities expanded with the bureau's reorganization (U.S. Bureau of Mines) of a year ago. The division analyzes a wide spectrum of technologic and economic problems in the minerals industry." He is living at 10675 Oak Thrush Court, Burke, VA 22015.



HARRY K. EDWARDS

Harry K. Edwards, M.S. '64, Ph.D. '70, has been appointed professor and chairman of computer science at the University of Michigan-Flint. Before joining the faculty at UM-F, he had been with General Motors for 15 years. Harry and Cathie and their two children live at 1453 Huntley Drive, Flint, MI 48507.

Donald T. Gardner has been named an associate partner with Larkin and Associates, Kansas City. He and Marian live at 819 Mulberry St., Lee's Summit, MO 64063.

#### 1965

A note from **Donald A. Bugg** tells us: "Don recently moved to personnel services as manager of recruiting for the Michigan division of Dow Chemical. Don and Jeanine have three daughters, ages 3, 8, and 12." The family's address is 5205 Perrine, Midland, MI 48640.

Geoffrey C. Goldbogen reports: "Dr. Goldbogen has taken a position in RPI's new Alan M. Voorhees Computer Center. He is the author of several books for Prentice-Hall. The first PASCAL Simplified will appear in 1981." He and Deirdre live at 6 Bond Road, Altamont, NY 12009.

James Stephen Huellewig died Sept. 28, according to a note from his brother, David.

Jay and Diane Kallor have moved to 516 Monaca Drive, Erie, PA 16505.

Roger G. Nease was injured in an automobile accident Dec. 1, 1979, and died two days later, according to a letter from his wife, Gaye Nease, Route 4, Box 634, Buckhannon, WV 26201. He was working for Corning Glass at the time of his death.

Elbie and Ruby King have moved to 5 Independence Ave., Pine Bluff, AR 71602. He is now an engineer with Arkansas Power & Light.

## 1966

Reunion At Homecoming Class Coordinators:

Allen G. Behring 121 E. Witchwood Lane Lake Bluff, IL 60044

James E. Bertelsmeyer 3303 East 100th Place S Tulsa, OK 74136

Vincent P. Crane 626 Sheridan Road No. 66 Bremerton, WA 98310

Samuel A. Scheer 12109 Glen Canyon NE Albuquerque, NM 87111

Matteo A. Coco 7115 Alicton Ave. St. Louis, MO 63123



1980 Rollan

Leonard C. Kirberg 331 Carmel Woods Dr. Ellisville, MO 63011

Alan D. Shaffer 4870 Kennewick Dr. Florissant, MO 63033

Dale E. Brady is now a systems engineer with Eastern Air Lines Inc., Miami, Fla. He and Phyllis have moved to 9810 SW 55th Court, Ft. Lauderdale, FL 33328.

Glen and Fran Chaffin have moved to 2522 W. Engie, Phoenix, AZ 85029. Glen is now cast house manager at Reynolds Metals Co. Extrusion Plant.

Andrew E. Hoffee has been promoted to construction supervisor, transmission and distribution construction department for Union Electric Co., St. Louis. His address is P.O. Box 283, Bonne Terre, MO 63628.

Phil Jozwiak has been promoted to project manager for Tarlton Corp. He and Barbara live at 11928 Glenridge, Maryland Heights, MO 63043.

Frank Kieffer tells us: "Frank and Aurelia have four children—Chris (6), Catrina (5), Craig (3) and Curt (18-months). Frank has been a geologist with Bass Enterprises in Ft. Worth for the past three and a half years." The family lives at 4803 Tamanaco Court, Arlington, TX 76017.

William V. Jackson is now plant engineer for Frito-Lay. He and Mary have moved to 406 Browns Lane, Louisville, KY 40207.

John and Molly Latimer send the following news: "John was recently promoted to vice president, manufacturing, for G.S.C. Foundries. Besides that promotion he manages their aluminum facility, Castex Inc., in Mesquite, Texas." The Latimers live at 4101 Southridge, Rowlett, TX 75088.

Two UMR alumni are the recipients of the first two research and development Achievement Awards presented by the A. E. Staley Manufacturing Co. Both Gin C. Liaw, '66, and John F. Rasche, '58, were honored for significant contributions to process innovation. Liaw, senior laboratory manager, sweetner engineering, was selected for his idea to increase capacity of 55 percent high fructose corn syrup (HFCS) at the Lafayette plant. Gin has been with Staley since 1968. His address is 478 Buckingham Place, Decatur, IL 62526. Both alumni earned degrees in chemical engineering.

A note from Charles R. McDuff, P.E., says: "President of Rindt-McDuff Associates Inc. of Marietta, Ga. This firm has been in business for four years—working in civil and environmental design." He and Susan live at 737 Hampton Place, Marietta, GA 30064.

Jesse T. McMahan has been appointed to Lt. Col. with the U.S. Air Force. He is stationed at the Pentagon in Washington, D.C. He and Priscilla live at 4201 Gustus Drive, Woodbridge, VA 22193.

Richard A. Molkenbur has moved to 2144 Boundary St., San Diego, CA 92104. He is an assistant forest engineer with the U.S. Forest Service in San Diego.

Albert C. Panhorst Jr., has been promoted to assistant manager, engineering planning and administration for McDonnell Douglas Corp. He and Jeanne live at 1725 Saddlespur, Florissant, MO 63033.

James M. Rauer has a new address: Box 565—AUTEC Andros Ranges, FPO Miami, FL 34058. He is civil engineering manager for RCA Service Co., Andros Island, Bahamas.

## 1966 Cont.

Larry M. Smedley has been promoted to assistant district manager with Exxon Co., USA. He and Nancy have moved to 820 Woodhall Court, Tyler, TX 75703.

#### 1967

Thomas and Marlene Anton have moved to 1976 Shardell Drive, St. Louis, MO 63138. Tom is senior project engineer with Mallinckrodt Inc.

Thomas and Joann Bohn have moved to 15012 Valley Ridge Drive, Chesterfield, MO 63017. Tom is with Monsanto.

Theodore T. Marsh Jr. has a new position as district market manager for AT&T Long Lines in Bedminister, N.J. He has moved to 36 Independence Drive, Somerville, NJ 08876.

William E. DeLashmit reports: "We have formed our own land development corporation with me as president and Mary as secretary-treasurer." Bill and Mary's address is RFD 2, Box 349-B, Plymouth, NH 03264.

James M. Medlin is now technical director for Gulf Oil Exploration & Production Co. He and Carolyn live at 726 Misty Lea, Houston, TX 77090.

Charles E. and Diane Perez have a new address—P.O. Box 19339, Houston, TX 77024. He is now project manager for Hafer & Associates in Houston. He comments that "am interested in helping keep Houston alumni together."

Babu and Lalita Rao's new address is: c/o of ARAMCO, Box 6709, Dhahran, Saudi Arabia.



er

or

1980 Rollan

**Donald F. Sulzer** is now project control manager for Foster Wheeler in Livingston, N.J. He and Christiane live at 48 Pine Terrace East, Short Hills, NJ 07078.

Earl K. Weber has been appointed manager of American Steel Foundries (ASF) Manufacturing Research Laboratory, East Chicago, Ind. He joined the company in 1967 and has served as a research metallurgist, a project engineer, and chief of production metallurgy and quality assurance. He and Ellen and their three children live at 1440 Jasper Drive, Wheaton, IL 60187.

#### 1968

Ivan D. Abernathy has been named director of marketing for Sunbeam Ice-O-Matic in Denver. He and Nancy have moved to 12206 E. Amherst Circle, Aurora, CO 80014.

Sun Chill Chen and Jean have moved to 1120 Green Acre Road, Baltimore, MD 21204. He is a structural engineer with the U.S. Army Corps of Engineers.

The following information comes from Lincoln D. Cochran: "Earlier this year, Cochran joined the consulting firm of Associated Engineers III Inc., as an associate. He, along with two other partners, opened the firm's Springfield branch office. He will be in charge of the firm's mechanical and electrical projects in the Springfield office." He and Gean live at 215 Yeoman Drive, Springfield, IL 62704.

David M. Faintich, '68, '73, has been promoted to D. P. manager with Sigma Chemical Co., St. Louis. He and Carol live at 9604 Mansfield Drive, Olivette, MO 63132.

John and Lucretia Ann Hadel have moved to Route 2, Lake Forest, Box 91, Ste. Genevieve, MO 63670. John has been named section chief at McDonnell Douglas.

George and Cheryl Leaming have moved to 14906 Wyandotte Drive, Olathe, KS 66062. George is assistant for officer procurement, 9th Marine Corps District Headquarters, in Shawnee Mission, Ks.

Jih-Han Liu is now a structural engineer with United Engineer and constructor in Voorhees, N.J. He and Kathy Tseng have moved to 1124 Seagull Lane, Cherry Hill, NJ 08003.

Jon M. McNerney is now a research scientist with Battelle Columbus Laboratories. His new address is 1201 Shady Hill Drive, Columbia, OH 43221.

Leroy Halterman has moved to 4408 Magnolia Drive NE, Albuquerque, NM 87111. He is district geologist with Energy Reserves Group.

Noel C. and Karen Hyde Jr. have moved to 111 Great Swamp Road, Glastonbury, CT 06033. Noel is now a senior rate research analyst with Northeast Utilities Service Co. in Hartford.

Leland and Marilyn Lewis announce the birth of their first child, Amy Lynn, 7 lbs.-6 oz., on Oct. 23 (1980). Also, Leland received his MBA degree from Northern Illinois University in December. "1980 has been a super year!" The family lives at 396 Linden St., Glen Ellyn, IL 60137.

M. W. Slater is now operations manager for Yates Petroleum. He and Sandy have moved to 207 South 4th, Artesia, NM 88210.

Neil and Brenda Smith report: "Our baby girl was born on Oct. 6. We have named her Veronica Lynn." Neil is with IBM in Columbia. The family lives at 600 Woodridge Drive, Columbia, MO 65201.

William A. Stoltz has been named a vice president with Rolla State Bank. Bill and Betty live on Route 4, Rolla, MO 65401.

**Daniel F. Thomure** has moved to 5626 East 41st St. North, Wichita, KS 67220. He is manager of Boeing Computer Services.

## 1969

John E. and Barbara Clarke have moed to 1711 Tucumcari Drive, Houston, TX 72914. John is an applications specialist with Hydril Co.

Ali Daneshy has been promoted to section supervisor for Halliburton Services. He and Rowshan live at 2211 Western Drive, Duncan, OK 73533.

Cpt. Charles W. Foster is now assistant professor of military science at the Colorado School of Mines in Golden, Colo. He reports: "Began teaching ROTC in August. Just completed a year in Seoul, Korea, with Corps of Engineers in Far East District. Wife (Londa) and girls (Michelle, 8, and Sonya, 2) are fine. Enjoying the Rockies and high elevation." The Fosters live at 13570 W. Dakota Place, Lakewood, CO 80228.

Edward G. Gentzler III has moved to 8301 Zircon Drive, SW, No. 3, Tacoma, WA 98498. He is self-employed as a consultant geologist. His phone number is 206/582-1556 (above address).



DON ASCOLI

Don Ascoli sends the following note: "I have been selected as liaison representative between Motorola Semiconductor Group and the UMR electrical engineering department. Will be involved in establishing greater cooperation and support of UMR's engineering activities by Motorola's university program. I look forward to visiting UMR on a regular basis as the liaison representative at Motorola." Don's address is 1404 E. Dunbar, Tempe, AZ 85282.

John R. Featherly reports: "Changed jobs and left snowy Iowa for sunny northern California." John is now Arizona staff engineering supervisor for Intel Corp. in Santa Clara, Calif. He and Bonnie live at 4913 Tonino Drive, San Jose, CA 95136.

D. M. Haseltine has been named a development associate, organic chemicals division, with Tennessee Eastman Co., Kingsport, Tenn. He was serving as a senior chemical engineer and group leader for enginers on the central staff, intermediates department, at the time of his new appointment. He and Lydia (Chiang) and sons David and Eric, live at 1224 Watauga St., Kingsport, TN 37660.

John P. Hill has accepted a position as mechanical engineer III, gas engineering, with Arizona Public Service in Phoenix. He and Donna have moved to 7513 North 47th Lane, Glendale, AZ 85301.

Gerald Marvin Hohman was killed in an automobile accident in Biloxie, Miss., on Oct. 19. According to a note from his parents, Gerry was a supervisor in the industrial engineering department of Litton Industries in Pascagoola, Miss.

David and Lynda Malone have moved to 357 West 4th Street, Mountain View, MO 65548. He is a resident engineer for Black & Veatch.

## 1969 Cont.

Darrel A. Mank has moved to 10001 Club Creek, Apt. 271, Houston, TX 77036. He is department manager—Dynamic RAM, for Texas Instruments.

Robert H. Orr Jr., is now engineering center manager for Procter and Gamble Manufacturing Co. He and Mary Kay have moved to 1926 Hafor Circle, Iowa City, IA 52240.

James D. Payne is now a consulting petroleum engineer with Payne Petroleum Consultants, Inc. He and Mary Anne live at 137 South Drive, Mt. Carmel, IL 62863.

Rodney O. Randoll has been named a staff engineer with McDonnell Douglas Electronics Co. He and Carol live at 3335 Woodsway Drive, St. Charles, MO 63301.

The following comes from Joseph Stahl: "Just a note to tell you I bought a condo and moved (No. 6, 7723 Donnybrook court, Annandale, VA 22003). I now have my own study at IDA. IDA was written up in the December OMNI magazine. So, if you want to know about what I do, read the article."

Claude N. Strauser, research hydraulic enginer with the St. Louis District Corps of Engineers, sends the following note: "I just returned from the People's Republic of China. The Corps of Engineers sent a five-member team to China to discuss problems on the Yangtze and Huang Po Rivers with Chinese engineers. We began our trip in mid-October and returned in mid-November." Claude's address is 1271 Timberlane Drive, Sullivan, MO 63080.

Thomas R. Voss has been promoted to supervising engineer—station meter test, transmission and distribution meter division for Union Electric Co., St. Louis. Tom's address is 964 Diane Lane, St. Louis, MO 63126.

Theodore and Rita Spalding have a new address—Route 1, Box 119-N, Midland, TX 79701. Ted has been named senior area engineer with ARCO Oil and Gas Co.

#### 1970

**R. L. Barnett** has moved to 5745 East 26th St., Tulsa, OK 74114. He is a senior mechanical engineer with Cities Service Co.

Ernie and Kathy Green have moved to Route 2, Box 112, Lincoln, AR 72744. Ernie has accepted a position as reliability engineer with Moore Co. Inc., in Springdale, Ark.

Kenneth and Betty Liescheidt have moved to 396 Novara Drive, Manchester, MO 63011. Ken is now assistant district materials engineer for the Missouri Highway and Transportation Department, Kirkwood.

Linda (Glick) Brady is now a supervisor for Kafoury, Armstrong & Co. She and Mike live at 3220 Heights Drive, Reno, NV 89503.

Lloyd B. Branum is now executive vice president for Sandlin Development Inc., Sugar Land, Texas. Lloyd and Linda live at 2826 Field Line Drive, Sugar Land, TX 77479.

James and Sandy Chiang report the birth of their first baby on Sept. 29. The baby's name is Nancy. Jim is a staff process engineer for Fairchild Camera and Instrument Co. The family lives at 811 Fiji Drive, San Jose, CA 95127.

Russell G. Delay has been named supervisor, quality control—materials and civil, Tennessee Valley Authority, Iuka, Miss. He and B. Sue live on Route 3, Box 109, Savannah, TN 38372.



1980 Kollam



O. O. OLUSANYA

O. O. Olusanya is now head of the department of civil and building engineering at Plateau State Polytechnic, Barakin Ladi, Nigeria. His address is P. O. Box 249, Bukuru Via Jos, Plateau State, Nigeria.

Charles E. Heubner has been named unit chief, flight simulation, for McDonnell Aircraft Co. He and Linda live at 12295 Autumn Hill Court, Maryland Heights, MO 63043.

Abraham and Glenda Loudermilk have moved to 1730 Beckman Drive, Florence, AL 35630. Abe is an environmental engineer with the Tennessee Valley Authority, Muscle Shoals, Ala.

David Struessel is now a lead engineer—design, with McDonnell Aircraft Co. His address is 4109 Reavis Bks. Road, St. Louis, MO 63125.

John and Carol Schwager have moved to 108 Espero Drive, Natchez, MS 39120.

Peter and Mary Ellen Wagner announce the birth of their third child, Margaret Jean, on Feb. 19 (1979). Peter is a design engineer for Stainless Inc., North Wales, Pa. The family lives at 1919 S. Broad St., Lansdale, PA 19446.

William S. and Jackie Smith have moved to 2414 Winewood Lane, Arlington, TX 76013. Bill is an industrial engineer with GM Assembly Division of GMC.

James C. Wattenbarger is now acting manager, engineering division, of the Kansas City, Kansas, Water Pollution Control Department. He and Judy live at 1301 North 25th, Kansas City, KS 66102.

Russell C. Wilson has accepted a position as electrical construction superintendent with ANG Coal Gasification in Beulah, N.D. Russ and Sue's new address is P.O. Box 258, Hazen, ND 28545.



THOMAS A. SELDEN

Thomas A. Selden has been appointed marketing manager for light truck tires for the Firestone Tire and Rubber Co., Akron, Ohio. He joined the company in 1970 as a process engineer for the Firestone Steel Products Co. and has held positions of advance planning analyst in corporate research and planning, and marketing specialist in the Steel Products division. Tom's address si 538 LaLoy, Akron, OH 44319.

Ching-Lun Wu is now a control system engineer with Bechtel Inc., San Francisco, Calif. He and Mei Ye live at 35626 Gleason Lane, Fremont, CA 94536.

## 1971

Reunion At Homecoming Class Coordinators:

Donald E. Frankforther 1374 Rolling Oaks East Memphis, TN 38117

Robert J. Campbell 2640 Bluff Ridge Dr. St. Louis, MO 63129

Roger Clemons 1901 S. Compton St. Louis, MO 63104

James O. Bondi 10231 Echo Ridge Court Dallas, TX 75243

A. Ismail Abdel-Latif's new address is GE Space Division (Room U4212, Building 100) P.O. Box 8555, Philadelphia, PA 19101.

David O. Bryan is now an electrical engineer with Burns & McDonnell in Kansas City. His address is 6036 Goodman, Merriam, KS 66202.

Robert G. Butchko is now a civil engineer with May Centers Inc., St. Louis. He and Sharon live at 2261 Cowbridge Court, St. Louis, MO 63129.

1971 Cont.

Kenneth and Colleen Becker have moved to 3105 South 13th St., Arlington, Va. 22204. Ken is a mechanical engineer with the Department of the Navy in Washington, D.C.

David and Susan Beshore have moved to 22318 East 69th St., Broken Arrow, OK 74012. David is a staff engineer with Cities Service in Tulsa.

Robert C. Haiducek has a new address—3018 Valorie Lane, Midland, MI 48640. He is a project specialist with Dow Chemical Co.

Brian and Joyce Hochstatter have moved to 620 Oak Run, Bourbonnais, IL 60914. Brian has accepted a new position as engineering manager with Roper Outdoor Products, in Bradley, Ill.

Leslie A. Lakie has been named supervisor, air and water conservation, for Texaco Inc., Westville, N.J. He and Margaret have moved to 710 Lincoln Dr., Mt. Laurel, NJ 08054.

Robert P. Mohalley is now plant manager for Teletype Corp., in Little Rock, Ark. He and Edie have moved to 1134 Silverwood Terrace, North Little Rock, AR 72116.

Martin Potucek is now group leader for UOP, Monirex Division, Des Plaines, Ill. He and Patricia live at 615 W. Elm, LaGrange, IL 60525.

Dee Ann and John Stevens have moved to 11814 Apple Blossom, San Antonio, TX 78247.

Roger F. Weibrecht is now a senior electrical engineer with Hughes Missile Systems. He and Maria live at 4455 N. Tourmaline Place, Tucson, AZ 85715.



1980 Rolla

John D. Cannon has accepted a position as chief geotechnical engineer with Pittsburgh Testing Laboratory in Jacksonville, Fla. He and Mary have moved to 1431 Holmesdale Road, Jacksonville, FL 32207.

Robert E. Clark has been named purchasing specialist for Digital Equipment Corp. He and Melita live at 4420 Glenwood Hills Drive NE, Albuquerque, NM 87111.

Ron Gaus, assistant to the president of St. Louis Ship, reports: "Ron, Sandy, Kevin (4) and Katrina (2) own Sandman Waterbeds in Kirkwood." The family's address is 222 E. Argonne, Kirkwood, MO 63122.

David E. Heinlein has been promoted to assistant superintendent-operations, at Union Electric's Callaway Plant. His address is Route 1, New Haven, MO 63068.

Frank and Linda Kirchner send us word of the birth of their second child—a son, Franz Conrad Kirchner, on Dec. 18. Frank is senior project engineer for Delco-Moraine Division of General Motors. The family lives at 900 Lindy Court, Dayton, OH 45415.

John A. Reynolds "has been promoted to section manager on new UV EPROM products and processes for Texas Instruments." His address is 8724 Wilcrest, Houston, TX 77099.

Robert E. Reynolds is now a mining engineer, computer applications for Phillips Coal Co., Dallas, Texas. His address is 2813 White Oak Court, Plano, TX 75074.

Thomas and Ann Marie Weaver have moved to 92-1123 Makamai Loop, Ewa Beach, HI 96706. Tom is now construction sales engineer with General Electric Co. in Honolulu.

Johnny Webb is now senior systems analyst for Tandem Computers Inc., Maryland Heights, Mo. He and Debbie live at 274 Cedar Village Court, Ballwin, MO 63011.

1972

Dan Bontz has been named group engineer at McDonnell Douglas. Dan and Karen live at 8 Nantua, Lake Saint Louis, MO 63367.

Dan Deriemer has been named general manager of Pye Datsun Inc., Dalton, Ga. He and Cynthia live at 1844 Crestwood Drive, Chattanooga, TN 37415.



1980 Rollam

Michael L. Fureigh reports that he joined Bendix Corp. as a senior engineer in August. His new address is 9604 Lydia, Apt. B, Kansas City, MO 64131.

Archibald M. Gallup, major in the U.S. Army Corps of Engineers, says: "Now attending the command and general staff college for a year. Will graduate in June. We have a son, 9, and a daughter, 7." He and Nancy live at 85 Third Inf. Road, Ft. Leavenworth, KS 66027.

Jim Herrmann writes: "Now that I've completed a tough four-month course at the Greater St. Louis Police Academy—which left very little spare time—Jan and I are anxious to get back to our on-going project of restoration of our house. It is a 100 year-old townhouse in the Lafayette Square District in St. Louis." The address is 1219 Mississippi, St. Louis, MO 63104. Jim is a police officer with the St. Louis County Police Department.

Stephen A. Doerr has been named superintendent of schools for the Edgemont School District. He and Valerie have moved to 406 Tenth St., Box 752, Edgemont, SD 57735.

Gilbert M. Elchinger is now a project manager for Xerox Corp. He has moved to 21-C Brook Hill Lane, Rochester, NY 14625.

John P. and Faye (Morris) Haley have moved to 1112 Vintage Drive, Kenner, LA 70062. John is now assistant maintenance superintendent for Kaiser Aluminum & Chemical Co. in Chalmette, La.

James K. Hampel is now construction services manager for Law Engineering Testing Co., Nashville, Tenn. Jim and Patricia have moved to 108 Sun Valley Drive, Mt. Juliet, TN 37122. Dallas and Kathy Leavitt have moved to 1803 McCutchen, Rolla, MO 65401. He is a cartographer with the U.S. Geological Survey.

A. W. (Bill) and Vivian Matthes announce the birth of a son, Christopher Allen, on May 20 (1980). The family lives at 224 W. Winthrope, Kansas City, MO 64113. Bill is with Panhandle Eastern Pipeline.

Daniel F. Mullen is now a dentist with the Sunset Hills Dental Group in St. Louis. He and Susan have moved to 12023 Debonnaire, Creve Coeur, MO 63141.

James E. Politte says: "Joined Quarto Mining Co. in August as mine superintendent of No. 4 Mine—1,500 employees." Jim's address is P.O. Box 237, Clarington, OH 43915.

Derrill and Hae Cha Rothermich have moved to 5810 Sun Court Circle, El Paso, TX 79924. He is an AN/TSQ-73 missile minder operator/repairman with the U.S. Army at Ft. Bliss.

Two members of the Class of 1972 have recently been promoted by Union Electric Co. of St. Louis. They are: Bruce G. Schoenback, 1450 Pepperwood, St. Louis, MO 63141, to operationg supervisor at UE's Callaway Plant; and William H. Sheppard, 902 Panda, Fulton, MO 65251, to maintenance planner foreman at the Callaway Plant.

Marvin Sindel sends the following report: "Marv and Marj and Marv III are doing fine in St. Louis. Marj is expecting in April. Marv is currently a service supervisor for GE Steam and Gas Turbine Generators." The family lives at 2146 Catlin Court, Barnhart, MO 63012.

Roger Taylor is now pipeline construction estimator for Sante Fe Pipeline Construction Co. His address is P.O. Box 31166, Aurora, CO 80041.

## 1972 Cont.

Earl K. Steffen is now a post doctoral fellow at Louisiana State University Medical Center. He and Carolyn live at 7212 Beaufort Way, Shreveport, LA 71129.

Steven and Mary Ann Walker have moved to 8920 East 17th Place, Tulsa, OK 74112. Steve is now senior research engineer with John Zink Co.

Roy and Doris Wagner have moved to 6549 Bluebird Court, Jackson, MI 49201. Roy is senior geotechnical engineer with Gilbert/Commonwealth Associates.

Gregory and Rebbecca Zweing have moved to 1400 Merrywood Drive, Jonesboro, AR 72401. Greg is a process engineer with Dupont.

## 1973

Glenn R. and Andria Anderson are the parents of a new baby boy, Justin Raymond, born on July 21 (1980). The family lives at 4302 N. Tripp, Chicago, IL 60641.

Norman and Eileen Bade announce the birth of a son, Rodney Eugene, on Oct. 24. Rodney joins a sister, Lyndell (6) and a brother (3). Norman is a senior engineer—electronics, for McDonnell. Douglas. The family lives at 32 James Drive, St. Charles, MO 63301.

Brent W. Blizewski reports: "I married Cynthia Thompson on Oct. 11, in Springfield, Ill. Cynthia is a social worker who graduated from Western Illinois University." Brent is senior electrical engineer for General Tire in Mt. Vernon, Ill. The couple's address is Route 4, Chambers Lane, Mt. Vernon, IL 62864.

Matt W. Bratovich brings us up-to-date with the following: "December has been a good month. We have a new daughter, Rebecca Helen, born Dec. 9, and this month I was elected a vice president of DeGolyer and MacNaughton, Dallas." Matt, Debra and family live at 39 Merrie Circle, Richardson, TX 75081.

STATE STOLKS

Karen S. Carter is now a computer programmer for Nichols Associates. She and Hal live at 2419 Pheasant Run Circle, Grand Junction, CO 81501.

Rodney and Deborah Anderson have moved to 17 Shaffer Lane, Morgantown, WV 26505. Rod is now a research physicist with the U.S. Department of Energy.

Joseph E. Bain has been named engineering supervisor, development, for Climax Molybdenum Co., Climax, Colo. Joe and Pamela's address is P.O. Box 91, Leadville, CO 80461.

Janice E. Breidert has been promoted to captain in the U.S. Air Force and is a computer technology instructor at Kessler AFB. Her address is Maison D'Orleans, Q-5, Biloxi, MS 39531.

Robert and Linda Buechel have moved to 2965 Annunciation, St. Louis, MO 63125. Bob is now a corporate engineering project engineer with Ralston Purina.

Patrick and Dorelen Crocker have moved to 5707 E. Catalpa, Springfield, MO 65804. Pat is chief engineer with Allen Filters, Inc.

Michael and Sandra Ford have moved to 14002 Pinehurst Ave., Baton Rouge, LA 70816. Mike is now a sales engineer with J. A. Young Associates.



1900 Rollamo

Jay and Karen Cora have moved to 6 Short St., Canton, MA 02021. Jay is now a safety engineer with Fireman's Fund Insurance Co. in Boston.

on non-total and analysis of the property of the contract of t

R. Bruce Gastineau is now an electrical engineer with W. R. Holway & Associates in Tulsa. He and Rosemary have moved to 312 N. Fir Place, Broken Arrow, OK 74012.

Jim and Melanie Koewing, '73 and '74, announce the birth of a daughter, Erin Kathleen, on July 25, 1980. The couple also has a two and a half-year-old daughter, Laurel. The family lives at 957 Delfield Drive, Bethel Park, PA 15102. Jim has been named senior engineer for Westinghouse Bettis, West Mifflin, Pa.

Richard T. Nolan is now section manager, networking software, McAuto—McDonnell Douglas Corp. He and Carol live at 2576 Waterman, Granite City, IL 62041.

James E. Lawler is now a professor of physics at the University of Wisconsin, Madison. He and Katherine have moved to 5309 South Hill Drive, Madison, WI 53705.

David and Agnes Oligschlaeger have moved to 9501 West 99th Terrace, Overland park, KS 66212. Dave is with Burns & McDonnell in Kansas City.

Robert L. Scharringhausen Jr., is now a project engineer with N. L. Industries, St. Louis. Bob and Cynthia have moved to 238 Arapaho Drive, Belleville, IL 62221.

Several Class of 1973 alumni have recently been promoted by Union Electric Co. in St. Louis. John C. Pozzo, 5675 Chalet Forest Court, St. Louis, MO 63129, has been promoted to supervising engineer, environmental services; Joseph V. Laux, 1842 E. McCarty St., Jefferson City, MO 65101, has been promoted to supervising engineer, quality assurance, at UE's Callaway Plant; and Jacob G. Wagner, 8857 Manda Lane, Crestwood, MO 63126, has been promoted to manager—betterment engineering, power operations.

Notice has been received of the death of Jan Michael Smit.

Chris D. Wilson reports: "I started with City of Blue Springs as assistant city engineer in July (1980). The director left in September and now I'm acting director. The previous director was Thomas Hayes from MSM." Chris and Marsha live at 512 Mimosa, Lee's Summit, MO 64063.

Don and Mary Smith tell us they are expecting a baby in January. They have a daughter, Daphne, age three. Don is a project engineer for Tamko Asphalt Products Inc. The family lives at 374 Morse Drive, Phillipsburg, KS 67661.

Account Personals

"Capt. James D. Wood was recently reassigned to the Environmental and Safety Division of the U.S. Army Toxic and Hazardous Materials Agency located at Aberdeen Proving Ground, Maryland. Jim's new division chief is another alumnus, Col. John T. Mason III, who received both his M.S. and Ph.D. degrees in chemical engineering from UMR. Lisa recently finished her AA in nursing and passed her State Board exams to become an RN. She is currently working part-time and finishing her B.S. in nursing at the College of Notre Dame of Maryland in Baltimore. Jim and Lisa now reside at 113 Donzen Drive, Apt. F, Bel Air, MD 21014"

## 1974

Larry and Judi Barnes have moved to 5690 Del Paz Drive, Colorado Springs, CO 80918. Larry is a senior specialist with Digital Equipment Corp.

David and Kathryn Breece have moved to 7425 NW 106th, Oklahoma City, OK 73132. David is assistant district manager for The Ceco Corp.

Hugo M. Canizares, '74, '79, has been promoted to senior staff engineer for ATE Associates in Bridgeton, Mo. He and Mary Helen live at 12823 Strathearn Drive, Creve Coeur, MO 63141.

Randy Gene Kerns is now senior development engineer for Storage Technology Corp., Louisville, Colo. He and Cherie live at 4254 Redwood Place, Boulder, CO 80301.

Gary and Natalie Mackey have moved to 1402 McHenry St., Urbana, IL 61801. Gary is a hydrologist with the U.S. Geological Survey—Water Resources Division, Champaign, Ill.

Richard and Glenda Madden's new address is Route 1, Box 193E, Hope Mills, NC 28348. He is a maintenance supervisor with Monsanto in Fayetteville, N.C.

Richard H. McKee is now general foreman for U.S. Steel in Chicago. Rick and Beth live at 22627 Clarendon, Richton Park, IL 60471.

Douglas and Christie Pennington have moved to 127 Peeke, St. Louis, MO 63122. Doug is now field engineer for Square D Co., St. Louis.

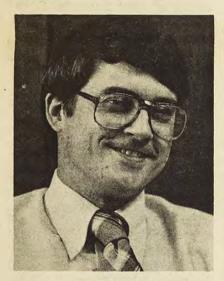
## 1974 Cont.

Jerry L. Anderson has been promoted to construction supervisor, engineering and construction, for Union Electric Co. St. Louis. His address is Route 5, Box 26, St. Charles, MO 63301.

D. M. S. Bhatia, associate professor of geology at Austin Peay State University, Clarksville, Tenn., has been appointed by the United Nations as a mineral exploration expert to Somalia, a developing East African country currently at war with Ethopia (over mineral rights, among other things). A native of India who is now a U.S. citizen, Bhatia and his wife will spend a year in Somali where he will help develop mineral exploration and find new mineral deposits.

Ronald and Stephani Birkhead have moved to 8925 Hirning Road, Lenexa, KS 66220. Ron is a senior process engineer, research and development, for Anaconda-Ericsson in Overland Park, Kans

David A. Dunavant has received his doctorate in civil engineering from Washington University in St. Louis and has accepted a position as staff engineer with ACF Industries Inc., Amcar Division, in St. Charles. Dave and Blenda live at 310 S. Hanley Road, Clayton, MO 63105.



**DICK ELGIN** 

Dick Elgin has joined the civil engineering faculty at UMR. He earned both B.S. and M.S. (1976) degrees at UMR and has completed his course work toward a Ph.D. at the University of Arkansas in Fayetteville. He is teaching surveying courses at UMR. "The demand for well-educated surveyors has really increased within the last five to ten years," Dick says. "Two major factors contribute to this-new technology and the recognition of the importance of land resources with the resulting rise in land values." Dick and Jeannette and Amanda, 3, live at 604 Whitney Lane, Rolla, MO 65401.

Robert Alving Engberg earned a second M.S. degree from UMR in December. His first M.S. degree (in 1974) was in mechanical engineering and this one is civil engineering. He is a test/design engineer for McDonnell Douglas Corp. Bob and Edna Jane live on Route 4, Box 289, St. Charles, MO 63301.

Michael S. Higley is now staff supervisor, business financial performance, for Southwestern Bell Telephone Co. in St. Louis. His new address is 1037 Roth Ave., University City, MO 63130.

Richard R. Larkins reports: "Married to Linda L. Jones on July 26 (1980). New residence: 6117 Beachview Drive, Apt. 182, Indianapolis, IN 46224. New position (promotion) traffic sign design engineer—Indiana State Highway Commission."

In July, Jerome A. Maurseth "became a registered professional engineer in Oregon." Jerome and Vicky (also '74) live at 13080 Walker Road, Beaverton, OR 97005.

Anthony L. Mei is now an environmental engineer with the Corps of Engineers, South Pacific Division, San Francisco, Calif. He and Patricia live at 1225 Ridgeview Court, Novato, CA 94947

Susan Hadley Rothschild brings us upto-date as follows: "My family was active in the defeat of Missouri Proposition 11 in November. My husband, Sandy, was the campaign manager for the 'No on 11' Committee, and my mother, Della M. Hadley, was the Kansas City 'No on 11' spokeswoman. I'm sure there were a number of UMR alumni who voted No!" Susan is manager, network engineering for Southwestern Bell in St. Louis. She and Sandy live at 6208 Washington, St. Louis, MO 63130.

Stephen and Betty Suellentrop have moved to SRA 641, Anchorage, AK 99507. Steve is a senior engineer with Atlantic Richfield.

Steven M. Tillman '74, '78, writes: "Well, I'm settling into Kansas City. This past summer I bought myself a house just north of Parkville. My new address is 7006 NW Lamar, Parkville, MO 64152." Steve is a civil engineer with the Corps of Engineers.

Dan C. Vance, '78, reports: "My brother Jack Vance, '74, is working in Singapore for Brown & Root. His address is Jack Vance, c/o Brown & Root, P.O. Box 104, Killeny Road P.O., Singapore 9, Singapore."

Harry A. Ward has moved to 4878 Skyline Drive, Shawnee Mission, KS 66205

Patricia S. (Bestgen) Wist has been promoted to senior business programmer at McDonnell Douglas Corp. Pat and David live at 7396 Bedford Ave., St. Louis, MO 63130.

David M. Young has accepted a position as staff engineer with Martin Marietta, Orlando Florida Division—automatic electro-optic test equipment. His new address is 227 Duncan Trail, Longwood, FL 32750.

## 1975

James W. Abbott reports: "After graduating from the U.S. Army Signal Corps Advanced Course at Fort Gordon, Ga., I was married June 28 (1980) to the former Miss Cyndi Allen of Tulsa, Okla. We are now living in Nuremberg, Germany. Our mailing address is: HQ 1-35 Armor Bn., U.S. Army, APO, NY 09066."

Patrick Brugger has been named supervisory civil engineer, facilities engineering, Fort Leonard Wood. His address is Route 3, Salem, MO 65560.

G. H. (Fritz) and Karen Gnagey have moved to 512 Norht 28th St., Belleville, IL 62221. Fritz is a maintenance engineer with Granity City Steel.

The following note has been received: "Phil Henry (alias Phantom Phil Phantastic) is alive and well, living as a graduate student at UMC. He should receive the Ph.D.-Physics in December. Hello all Epsilon Mu Gamma Gamma members."

Donald and Deborah Borcherding have moved to 925 W. Dorchester Way, Mustang, OK 73064. Don is now an applications engineer with Magnetic Peripherals.

Frank L. Flack is now a civil construction specialist with Daniel Construction Co. in New Hill, N.C. He and Teresa live at 1401 Lake Pine Road, Cary, NC 27511.

Mark E. Henneberry is now materials and process engineer with Ball Metal Container Group, Westminister, Colo. He and Joan have moved to 405 Cypress St., Broomfield, CO 80020.

Marty C. Henson is now a project engineer with S. H. Smith & Co., Poplar Bluff, Mo. He and Patricia have moved to 2719 Lakeside Drive, Poplar Bluff, MO 63901.

Nguyen H. Kho has moved to 2600 Skywalker, No. 2027, Houston, TX 77058. He is with McDonnell Douglas.



STEPHEN KAMBOL

Stephen Kambol writes: "Since graduating from UMR in 1975, I have completed both an M.S. degree in civil engineering and an M.A. degree in history at Purdue University. I also spent time working as a cashier at the Lady Luck Casino in Las Vegas and have recently published an article in Southern Studies (Spring, 1980) entitled, 'Southern Congressmen and the 1912 Army Appropriations Bill,' which discusses the myth of Southern millitarism. I am currently working for Kaiser Engineers in Oakland, Calif., as an assistant civil engineer on the design of the Miami Rail Rapid Transit System project. My current home address is 915 Shorepoint Court, Apt. E219, Alameda, CA 94501."

R. Kenin Long has moved to 2903 12th St. North, St. Cloud, MN 56301. He is with Fruin-Colnon.

Kenneth and Kristina Marse have moved to 1116 Pilgrim Road, Greenwood, IN 46142. Ken is now a programmer/analyst for the Regenstrief Institute, Indianapolis, Ind.

John J. Marting has been named senior reservoir engineer with Chevron USA Inc. He has moved to 7234 Regent Street, Apt. 1, New Orleans, LA 70124.

Patrick and Maria Rafferty have moved to 390 Clary Ave., Idaho Falls, ID 83401. Pat is now a senior engineer with EG&G-Idaho.

Darrell Tucker is now resident project engineer with HBE Corp., St. Louis. He has moved to 6515 Yale Road, Apt. 607, Westland, MI 48185.

James J. Watts has moved to 7555 Genesta, St. Louis, MO 63123. He is a project manager for Murphy Co. in St. Louis.

William I. Wilkerson is now a field superintendent with Dravo Corp. He and Lisa live at 1599 Greystone Dr., Carbondale, CO 81623.

1975 Cont.

Douglas Powell is now a research associate at Purdue University. He has moved to 427 S. River Road, No. 27, West Lafayette, IN 47906.

Thomas J. Rechtien reports: "I have just returned (a couple of months ago) from a one-year stint in Mexico City and am now back in Houston. I sure miss those real Mexican tacos." Tom is a senior engineer with Brown and Root and his address is 6505 Westheimer, No. 237, Houston, TX 77057.

Dennis L. Stuart has been made an assistant district manager for Continental Pipe Line Co. in Lake Charles, La. He and Susan have moved to 4524 E. Quail Hollow Lane, Lake Charles, LA 70605.

David and Vickie Thatcher, '76 and '75, write: "Our second son, Jared, was born Nov. 19." David is a project engineer with G.M. engineering staff in Warren, Mich. The family lives at 118 Fernberry Drive, Pontiac, MI 48054.

Harty C. Van Jr. has been named staff petroleum engineer for Amoco Production Co., New Orleans. He and Evelyn live at 331 Parlange Drive, Pearl River, LA 70452.

Dave Wisch reports that he is "enjoying new home between travels. Life is grand in the sunny South." Dave is a civil engineer—central offshore engineering, for Texaco. His address is 7741 Windward Court, New Orleans, LA 70128.

1976

Reunion At Homecoming Class Coordinators:

William K. Meihe P.O. Box 2596 Robins AFB, GA 31098

Joyce E. Agnew has been promoted to senior computer specialist for Horizon Systems Corp. in Reston, Va. She has moved to 2601 Apple Way, Dunkirk, MD 20754.

June K. Ahrens has moved to 1475 Simpson Drive, Columbus, OH 43227. She is an employee development specialist for the Defense Construction Supply Center in Columbus.

David and Rhonda Bradley's new address is Route 13, Box 92, Cookeville, TN 38501. Dave is a quality assurance engineer with Tennessee Valley Authority in Hartsville, Tenn.



#### JIM CLIFTON

Jim Clifton brings us up-to-date with the following: "I have taken a leave of absence from my position as project engineer with Sundstrand Aviation in Rockford, Ill., to attend Western Conservative Baptist Seminary in Portland, Ore. Also, as of Dec. 25, I am engaged to Debi Grout, a former school teacher in Rolla. We plan to be married in August in San Antonio, Texas." Jim's current address is 4427 NE 63rd Ave., Portland, OR 97218.

Robert J. Dewitt is a research assistant and graduate student at the University of Illinois. He and Mary Lawanda may be reached by writing them c/o 211 Physics, University of Illinois, Urbana, IL 61801.

James A. Duffie is now senior manufacturing engineer for Westinghouse Electric in Muncie, Ind. Jim and Susan have moved to 67 Cherrywood Lane, Muncie, IN 47302.

Gerald and Vicky Lynn Bednar have moved to 12753 Partridge Run, Florissant, MO 63033. He has been named a supervising engineer with Union Electric Co.

Dale E. Bradley's new address is 405 Crothers Memorial Hall, Stanford, CA 94305. He is now a graduate student at Stanford University working toward an M.S. degree in civil engineering—construction.

Robert P. Braun is now a design engineer with American Motors Corp. in Detroit. His address is 1732 13th St., Wyandotte, MI 48192.

Gregory Cieciwa says: "Greg and Kathy are a bit delinquent in announcing the birth of their second child, Wesly Alan (Nov., 1979). Young Becky (3) sure does enjoy a 'Lil' brother. Everyone is fine." Greg is a program manager for the U.S. Air Force at Wright-Patterson AFB, Dayton. The family lives at 2396 Obetz Drive, Xenia, OH 45385.

Tom and Randi Edelman have a new address-5820 E. Village Lane, Springfield, MO 65804. Tom is a civil engineer for Pizza Hut Inc., Wichita, Kans.

Dale Elifrits, '76, '80, is now an assistant professor of geological engineering at UMR. A native of Ridgeway, Mo., Dale earned B.S. degrees in math and chemistry at NWMSU in Maryville, and an M.S. degree in earth sciences from the University of Northern Iowa. He taught in secondary schools for nine years before coming to UMR to enter the field of geological engineering. He now teaches classes in introduction to remote sensing (image and photo interpretation) and subsurface exploration, conducts a graduate seminar program, and participates in a contract with NASA to provide workshops on remote sensing in addition to acting as coinvestigator on coal mine research. Dale and his family live at 72 Cedar Grove, Rolla, MO 65401.

Joseph D. Ferry has moved to 10644 Charrette Drive, St. Louis, MO 63123. He is an attorney.

Hank T. Hicks has moved to 2699 Lee Drive, Wooster, OH 44691. He is a district sales engineer with Dowell Division of Dow Chemical.

Victor and Evelyn Holloman have moved to 15342 McConn, Webster, TX 77598. Vic is an aerospace engineer with NASA's Johnson Space Center in Houston.

Michael and Francine Jacezko have moved to 54 Shirecreek Court, St. Charles, MO 63301. He is a lead engineer with McDonnell Douglas. Barry W. Krasner has moved to 22 Deuce Court, Fairfax, CA 94930. He is a programmer/analyst with Wells Fargo Bank, San Francisco.

Alexander L. Hilleary and Cynthia Harmon, '76, were married Sept. 1, 1979, and are both working for Rockwell International in Cedar Rapids. The couple's address is 3918 Lexington Drive, No. C, Cedar Rapids, IA 52402.

Gary and Sherry Kallmeyer write: "We recently moved from Davenport, Iowa, to Lancaster, Pa., to accept a new job within Alcoa as MIS Supervisor. Would be interested in hearing from other alumni in this new area." The Kallmeyers now live at 317 Faulkner Drive, Lancaster, PA 17601.

Patrick and Barbara Maddox announce the birth of a son, Nathan Patrick on April 29 (1980). Pat is a senior systems analyst for Bendix, Kansas City Division. The family lives at 10002 Belmont, Kansas City, MO 64134.

Naldo J. Mayfield has been promoted to buyer-construction services, for supply services at Unior Electronic Co., St. Louis. His address is 90 A. Sunden Lane, Highland, IL 62249.

Thomas McCoy is now public works engineer with the St. Louis County Government in Clayton. His address is 12115 Wesley Road, Florissant, MO 63033.

Larry Allen Peck, '76, '80, is now a junior engineer with Atlantic Richfield Oil and Gas Co. He has moved to 5201 Demaret, Apt. 3, Bakersfield, CA 93309

Ronald J. Rembold has joined Affholder Inc., Chesterfield, Mo., as an engineer. His address is 2173 Palestra, Apt. 3, St. Louis, MO 63141.



1980 Rollamo

1976 Cont.

Richard and Catherine Luckett have moved to 1720 De Anza, San Luis Obispo, CA 93401. Richard is now a power production engineer (nuclear) for Pacific Gas and Electric in Avila Beach, Calif.

**Debra A. Manning** is now a marketing representative for IBM, Data Processing Division. She and Eugene live at 2620 South 11th St., St. Louis, MO 63118.

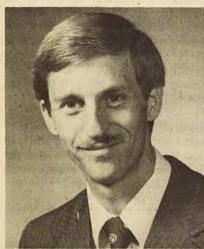
Rita A. Price is now an instructor for Drury College/Webster College at Fort Leonard Wood Education Center. She and John have moved to Route 3, Box 117B, Richland, MO 65556.

Donald and Barbara Repp have moved to 2020 E. Lark, Springfield, MO 65804. Don is now manager, OSP construction, for Southwestern Bell Telephone Co., Springfield.

Gajendra M. Suwal is now an assistant engineer with Virginia Electric and Power Co. He and Laurie live at 8259B Fern Church Court, Richmond, VA 23229

Patrick and Pia (Raden) Tibbits have moved to 1978 Augusta, Houston, TX 77057. Pat is product development engineer with Cameron Iron Works, Inc.

John R. Trimble has been promoted to captain in the U.S. Air Force. He is stationed at Offut AFB and his address is 11903 Esplanade Court, No. 718, Omaha, NE 68123.



GARY MUELLER

Gary Mueller, '76, '77, and '80, has been named assistant professor of nuclear engineering at UMR. His teaching experience includes a year as an instructor in mathematics and two years as a graduate instructor in nuclear engineering at UMR. Gary and Mary Elizabeth live at No. 5 Frost Drive, Rolla, MO 65401.

Reid and Holly Walker have moved to 7320 Quarry Mountain, Littleton, CO 80123. Reid is a drilling engineer with Al-Aquitaine Exploration Ltd. in Denver.

Paul and Bonita Williams have moved to 5212 Horizonvue Drive, Cincinnati, OH 45239. Paul is a technical engineer with Procter and Gamble.

Westley A. Wimmer is now a project engineer with Estech General Chemical of Bartow, Fla. He and Jean live at 1180 Ilene Ave., Bartow, FL 33830.

#### 1977

The following news comes from Bruce and Kathy Jo Allen: "Bruce will be starting his fourth year with U.S. Gypsum—third as engineering superintendent. Kathy is still working for Sheaffer-Textron in Fort Madison as a factory worker." The Allens live at 121 South Garfield, Burlington, IA 52601.

**Jeffrey E. Buck** has moved to 16227 Parksley, Houston, TX 77059. He is an engineer with Petro-Tex Chemical Corp.

Jeffrey J. Claus is a stress engineer with Dravo Utilities Construction Inc., Alkhobar, Saudi, Arabia.

"Terry D. Coker and Patricia B. Francis were married in Rolla on June 21 (1980). They now live in Germany where Terry is stationed. Address: 1Lt. Terry and Pat Coker, 490-60-7578, HHT 3/11 ACR, APO NY 09141."

A note from **David H. Fronick** says: "Dave has moved into the management ranks of Detroit Edison with the full title of engineer in the construction department." Dave and Karen live at 2980 Quartz, Troy, MI 48098.

Henry and Janet Haggard send the following: "Our son Joseph Henry was born Jan. 10. He weighed eight pounds, two ounces and was 22 inches long." Henry is a construction inspector for the Missouri Highway and Transportation Department and the family lives on Route 2, Kennett, MO 63857.

Laurence E. Harris is now an instructor of mathematics at Pan American University, Edinburg, Texas. He and Ann Marie have moved to Route 1, Box 445A, Edinburg, TX 78539.

Jerry Hofman has been named Rocky Mountain Division engineer for Reading and Bates Petroleum Co., Denver, Colo. Jerry, Karen, and their daughter, Kara Sue (3), live at 6458 S. Everettway, Littleton, CO 80123.



CHRISTOPHER M. JARRETT

Army 1st Lt. Christopher M. Jarrett has joined the Seattle District Corps of Engineers as assistant to the Chief, Special Projects Office, Construction Division. His previous assignment was platoon leader and executive officer for the 23rd Engineering Company in Anchorage, Alaska.

William L. C. Elliott has accepted a position as senior electronics engineer with- Sanders Associates, Defensive System. He has moved to 44 Robinson Road, Nashua, NH 03060.

Thomas and Kathy Hankins have moved to 9543 Alix Drive, St. Louis, MO 63123. Tom is now supervisor, quality control, for Sunnen Products Co. in St. Louis.

James M. Heideman is now chief pilot for Executive Associates Deleware Inc. He and Sandra have moved to 56 Ridge Lane Drive, Decatur, IL 62521.

Robert and Paula Hess have moved to 2755 Maroon Bells Ave., Colorado Springs, CO 80918. Bob is now project manager, test engineering, for United Technologies Microelectronics Center.

**Teddy J. Kelly** has moved to 7920 Outlook, Prairie Village, KS 66208. He is an economist with Black & Veatch, Kansas City.

**Kevin Miller** is now a graduate student at Purdue University. He and Deborah Ann live at 1708 Main St., Apt. 1, Lafayette, IN 47904.

Arnold S. Newby has been named plant engineer for Tamko Asphalt Products. He lives at 4133 Abercorn Road, Knoxville, TN 37921.

Patrick K. Owen has been named an office engineer with Brown and Root, Inc. in Houston. His new address is 120 Blackberry Lane, Dayton, TX 77535.

John D. Perry has accepted a position as drilling engineer with Coastal Oil and Gas Corp. He and Irma have moved to 11920 Bee Mountain, Corpus Christi, TX 78410.

Steven and Sharon Primeau announce the birth of a son, Alexander. Steve is an engineer—geophysics, for Conoco. The family lives at 910 E. Hazel, Ponca City, OK 74601.

1Lt. Joey E. Sillyman has been made company commander, E Co., 1st Engr. Bn., Fort Riley. He and Carol live at 4303-4 Wofford Drive, Fort Riley, KS 66442.

Kathy Veit writes: "I have moved to K.C. and am working for Bendix. New address is 3301 E. 113th Terrace, Apt. B, Kansas City, MO 64137.

Bradley and Pam Wyatt have moved to 1809 Northwood Court East, Longview, TX 75605. Brad is an evaluations engineer with Texas Eastman Co.

David C. Wang is now manager, 30/40 engineering, for General Electric Co. He and Darlene have moved to 8231 Greenwich Court, Ft. Wayne, IN 46815.

## 1978

Stephen L. Allen reports: "I have bought a house and have recently been promoted to general field engineer with Schlumberger Well Services." His house is at 1320 Calaveras, Graham, TX 76046.

Resa L. and Kevin Bridges have moved to 3005 Williams Court, Kokomo, IN 46901. Resa has a new position with Delco Electronics as product engineer.

Albert L. Charles has accepted a position (MTS) with Hughes Aircraft Co. in Fullerton, Calif. His new address is 1195 E. Cordova, Apt. 1, Pasadena, CA 91106.

The following has been sent in by Ferrill E. Ford Jr.: "Ferrill and Debbie now have a son, Ferrill Eugene III, and a new address: 403 David Drive, Bridge City, TX 77611 (713-735-7409). Would enjoy hearing from a few old friends." Ferrill is a field engineer with Gulf Oil in Port Arthur, Texas.

Timothy and Patricia Finnell have moved to 11885 Beaverton Drive, Bridgeton, MO 63044. Tim is an engineer with Union Electric.

William and Sue Heitz have moved to 6015 Open Sky, NW, Albuquerque, NM 87120. Bill is a production engineer for Honeywell, Inc.



1980 Rollame

## 1978 Cont.

Alan and Colleen Green announce the birth of their first child, Matthew Wayne, on Oct. 20. Alan says: "Still working for Brown and Root Inc. on the South Texas Nuclear Project." The family lives at 2300 Hamman, No. J-6, Bay City, TX 77414.

Gary B. Gossett reports that he has received special recognition from the St. Louis and national American General Contractors chapters and has been named to the Generals Club of St. Louis (Number 1 club for the national AGC). "I have also taught 12 construction courses throughout the St. Louis area since 1978," he says. He is a project manager for J. S. Alberici Construction in St. Louis. Gary and Sandra live at 2145 Calle Vista, Florissant, MO 63033.

David K. Holland Jr. writes: "Dave and Tina bought a house and are busy filling it up with furniture. Tina now works as an accountant at Stemco Manufacturing (a division of Colt Industries) and Dave is busy as the packaging and labeling engineer at Texas Eastman." The couple's address is 1603 Shely Drive, Longview, TX 75604.

James M. Ivy has been promoted to area engineer for Brown & Root Inc. He has moved to 710 Loggins, No. 105, West Columbia, TX 77486.

Bradley W. Kasten has moved to 66 Northwood, Urbana, IL 61801. He is a project engineer with Tarlton Corp.

Gregory A. Lang is a mine engineer with Tenneco Oil Co., Green River, Wyo. He and Sharon live at 3501 Cleveland, Rock Springs, WY 82901.

John R. Mahanna is now a senior associate engineer for IBM Corp. He and Susan have moved to 17 13th Ave. SW, Rochester, MN 55901.

John P. Melcher has moved to 903½ S.

Galena Ave., Dixon, IL 61021. He is a civil engineer I with the Illinois Department of Transportation.

Mike Party has been promoted to senior geophysicist by Cities Service Petroleum Co. of Midland, Texas. He has been with the company since 1978. Mike's address is 4410 Lanham, No. 72, Midland, TX 79701.

Jack W. Posey reports: "Received M.S. in industrial engineering at Purdue University in December and will-continue in school, working toward Ph.D." Jack's address is Box 815, Grad House East, W. Lafayette, IN 47906.

Dan C. Vance reports: "My brother Jack Vance, '74, is working in Singapore for Brown and Root. His address is c/o Brown and Root, P.O. Box 104, Killeny Road P.O., Singapore 9, Singapore." Dan is a petroleum engineer with Con-Vert Energy Corp. His address is 1632 Prairie Grove, Houston, TX 77077.

Roger H. Ricketts has been named an assistant plant manager for Transilwrap Co. of Missouri in Kansas City. He has moved to 8615 W. Utopia Drive, No. B-32, Raytown, MO 64138.

Shelly and Vina Riley have moved to 3905 Cross Hill Court, Arlington, TX 76016. Shelly is now an engineering manager with Vought Corp. in Dallas.

Thomas D. Snodgrass is now a senior engineer with McDonnell Douglas Corp. Tom and Martha live at 217 B, Chapel Ridge Drive, Hazelwood, MO 63042.

John N. Stolwyk is now a mine design engineer for Morrison-Knudsen Co. He has moved to 4803 Kootenai, Apt. 48, Boise, ID 83706.

Donald and Rebecca Walker now live on Edgar Star Route, Box 46A, Rolla, MO 65401. Don has accepted a position as assistant designer, Rawlings Sporting Goods, Licking, Mo. Gary Lake has been promoted to design engineer II, with Gardner Denver Cooper in Quincy, Ill. Gary and Patricia's new address is Route 5, Box 19, Quincy, IL 62301.

## 1979

Michele Savage Brennan is now an industrial engineer with Hughes Aircraft Co. in Tucson, Ariz. Her husband, Roger, is a student at the University of Arizona majoring in civil engineering. They have recently purchased a house at 2621 West Vereda Verde, Tucson, AZ 85706.

John W. King "has taken up the academic life once again. He is studying for an MBA at the London Business School in London, England." John's address is: c/o London Business School, Sussex Place, Regent's Park, London NWI 4SA, England.

John J. Martine Jr. and Carol Anne have moved to No. 2 Duchesne, Florissant, MO 63031. He is now an industrial engineer for Purex Corp., St. Louis.

James and Adola Anne Neumann send us some news about 1979 classmates: "On Nov. 23, Reg and Cynthia Benton (Reggie is class of 1979) had a baby girl, Allison Ann. The Bentons are now living in Springfield." The Neumanns live at 1255 Burr Road, Channahan, IL 60410. Jim is a project engineer with Amoco Chemicals in Joliet.

Satish D. Bhakta is working toward his Ph.D. as a graduate research assistant at Brigham Young University. His main research interests are electrochemical engineering and mass transfer. His new address is 419 N, 400E, Provo, UT 84601.

Lora L. Binney has moved to 3202 East Medlock, Phoenix, AZ 85018. She is a bond representative for Aetna Casualty & Surety.

Rodney and Elizabeth Breuer have moved to 25 N. LaRand, Holts Summit, MO 65043. Rod is now an environmental engineer II, with the Missouri Department of Natural Resources in Jefferson City.

Joseph C. Chang is now a metallurgist with L. C. Metals Inc., Granite City, Ill. He has moved to 3664 Washington Ave., Room 415, St. Louis, MO 63108.

A. Jay Fisher has been named customer services supervisor, business installations for Southwestern Bell Telephone Co. in Kansas City. He has moved to 8313 Hillcrest Road, Apt. E, Kansas City, MO 64138.

Sue (Hillis) Bartz is now an operations systems representative for Western Electric. She and Roger have moved to 5930 Arapaho, No. 2048, Dallas, TX 75248.

Jeffery S. Lewis has moved to 11640 SW Barnes Road, Apt. 2, Portland, OR 97225. He is an FHWA Highway Trainee with the Federal Highway Administration.

Jeffrey L. Miller has moved to 4100 Weeks Park Lane, Tiffany Apts. 408, Wichita Falls, TX 76308. He is a field engineer with Texaco, U.S.A., Electra, Texas.

David and Ann Perryman have moved to 533 Rolling Hills Drive, St. Charles, MO 63301. Dave is now lead engineer, technology, with McDonnell Aircraft Co.

Kevin L. Redhage's new address is 7400 Plum Creek, No. 1404, Houston, TX 77012. He is now an office engineer with Brown & Root, Inc.

The following note comes from Thomas J. Rosenauer. "I am a drilling engineer for AMOCO Production Co. in Sweeny, Texas. Kinleigh Hrovat (Class of 1980) and I were married in June of 1980 and Kinleigh now teaches physical science at Sweeny High School." Tom and Kinleigh's address is Route 3, Promise Estates, Lot 44, Brazoria, TX 77422.

Ellis and Rebecca Cole Sisk have moved to 2809 S. Magnolia, Baker, LA 70714. Ellis is now production supervisor with Cargill Inc., Port Allen, La.

James O. Towery sends: "I am employed by Sante Fe International Corp. in Orange, Calif.—my only employer since graduation. I was married to Mary Scherer of St. Louis in July (1980). Mary and I live at 235 Orangewood Ave., No. 21D, Anaheim, CA 92802."

Gaylard T. Williams has a new position with the City of St. Louis Air Pollution Control as an electrical engineer. His address is 4519 McPherson, Apt. 302, St. Louis, MO 63108.

## 1980

Capt. Denis M. Blindauer is "assigned to Baltimore Engineers District, U.S. Army, Capital Area Office at Ft. Belvoir, Va., as a project engineer for more than five million dollars of work." Denis and Barbara live at 14302 Chesterfield Drive, Woodbridge, VA 22191.

Navy Ensign Alan J. Sommerer has been commissioned in his present rank upon graduation from Officer Candidate School (OCS) at the Naval Education and Training Center, Newport, R.I.

## MSM-UMR Alumni Association Telephone (314) 341-4171; (314) 341-4172

00 8, ld a,

		Telephone (314) 341-4171;	(314) 341-4172		8	
and the second	The second section of the National Section Section 1	OFFICERS	COLUMN TO ACTION STREET AND STREET AND STREET	Term Pynires	HOTTON .	inan
	President Robert D. B.	av. '49	.222 Magna Carta Lane	1982	the state of the s	
进入	A STATE OF THE PROPERTY OF STATE OF STA	And the second of the second	St. Louis, MO 63141			2
230	stransport Devices audient	0 100	C Party D 1	1002		E)
			.5 Pettit Drive	1982		
	referred to the thought a not					
	Vice PresidentFrank C. Ap	pleyard, '37	.808 Solar	1982		
			Glenview, IL 60025			
	Vice President Arthur G B	aebler '55	.20 Fox Meadows	1982		
	vice i resident	acolor, sommer and	Sunset Hills, MO 63127			
	and the second	1. 164	(0.1 G 16 : 1 B	1000		
	Vice PresidentAlfred J. Bu	escher, 64	.624 Golfview Dr	1982		
		21 11 1- 1	Ballwin, MO 63011		Mark to the or	
	Vice PresidentJames B. Mc	Grath, '49	.Fru-Con	1982		
			1706 Olive St., St. Louis, MO 63103			
115	Secretary Robert V. W	Volf, '51	. Dept. of Metallurgical & Nuclear Engr	1982		
		THE PARTY OF THE P	UMR, Rolla, MO 65401			
	Treasurer Vernon T I	oesing '42	. Dept. of Civil Engr	1982		
	Treasurer	acong 12	UMR, Rolla, MO 65401			
		DIRECTORS AT LARGE		Term Expires		
	Belding H. McCurdy, '38		, Suite 711, South Pasadena, FL 33707			
	Walter C. Mulyca, '65	. Rt. 1, No. 16 Southfield La	ne, Marshall, TX 75670	1981		
			24, Arcadia, CA 91006			
			andria, VA 22312			
			ria, VA 22307			
	,					
	Area Zip	AREA DIRECT		·		
	Code Numbers	7 Montaview Chalmsford	TORS MA 01824			
			rona Hts., PA 15065			
	22-34 Gerald L. Stevenson, '59	. 145 Greenbrier Dr., Chagri	n Falls, OH 44022	1982		
			veland, OH 44136			
			MI 48127			
			62629			
	63-65 Matteo A. Coco, '66	.J. S. Alberici Construction,	2150 Kienlin, St. Louis, MO 63121	1981		
			Hannibal, MO 63401			
			a, MO 65401nch, Sweetwater, MO 63680			
			Studies, UMR, Rolla, MO 65401			luster .
	63-65 J.L. "Jack" Painter, '50	. 2123 Sunset Drive, Poplar	Bluff, MO 63901	1982		1,- 0
			73, Sikeston, MO 63801ouis, MO 63367			
			ity, MO 64110			
	63-65 C. M. Wattenbarger, '41	. 205 W. First St. Terrace, La	amar, MO 64759	1981		
	66-74 David D. Kick, '57	. 4915 S. Lakewood Dr., Tu	lsa, OK 74135	1982		
			77096, S.E. Kent, WA 98031			
			d, CA 94611			
			1. 日日 清原地			
	Robert W. Klorer, '44	COMMITTEE CHAIRME				
	Joel F. Loveridge, '39.	.739 Country Manor Lane.	Creve Coeur. MO 63141			
	Hans E. Schmoldt, '44	.Schmoldt Engineering Servi	ices Co. Inc., 526 S. Seminole, Bartlesville, O	K 74003		
		EVECUTIVE COMMITTEE		Tame Post		
	Richard H. Bauer, '52	. Missouri Electrochem Inc.,	10958 Lin-Valle Dr	Term Expires		
		St. Louis, MO 63123				
	Robert M. Brackbill, '42		Glen Lakes Tower, 101	1982		
	Joseph W Mooney '39	9400 N. Central Expresswa 7383 Westmoreland Unive	y, Dallas 1 X 75231 rsity City, Mo. 63130	1986		
	Joseph W. Mooney, J.	. 17505 Westinoreland, Chive	13ky City, 110. 03130			
	Poul T. Double 140	EX-OFFICIO DIRE				
	Paul T. Dowling, '40					
	Peter F. Mattei, '37					
	James J. Murphy, '35	. Murphy Company, 1340 N	orth Price Rd., St. Louis, MO 63132			
	Melvin E. Nickel, '38					
	F. C. Schneeberger, '25					
	- Stephens, Transmission	Kansas City, MO 64138	,			
	× = 1					
	Frank H. Mackaman	STAFF Executive Vice-President M	ASM-LIMB Alumni Association and			
		Director, Office of Alumni/I	Development, University of Missouri-Rolla			
	Barbara Petrovic	. Staff Assistant, MSM-UMR	Alumni Association and Senior Secretary,			
	Kris Curtin	Alumni/Development, Univ	rersity of Missouri-Rolla			
		m 1 10 . 11 .	I-UMR Alumni Association & Computer /Development, University of Missouri-Rolla			
	Sally White	. Editor, MSM ALUMNUS	A STATE OF THE PARTY OF THE PAR			
	MSM-UMR	Alumni Association, Harris I	Hall, UMR, Rolla, MO 65401			

## **ANNOUNCING**

## **COMPUTER GRAPHICS SHORT COURSE**

designed especially for
MSM-UMR ALUMNI
The Week of August 10-14, 1981
UMR Campus

This short course is designed to provide you with a rapid and thorough update in the state of computer technology and the tools to improve your organization's productivity. Lectures, demonstrations and hands-on-experience will be complemented by informal talks and recreational activities. For further details about registration and costs, call Martha Fort (314) 341-4304 or detach and mail the coupon below to: Martha K. Fort, coordinator of special programs, 105a Humanities and Social Sciences Bldg., University of Missouri-Rolla, Rolla, MO 65401.

MSM-UMR ALUMNI ASSOCIATION University of Missouri-Rolla Rolla, Missouri 65401

2nd Class Posta e Paid at Rolla, Mo. 6541

CIDDIUU

WAYNE M BLEDSOE UMR 119 HUM-SOC SCI ROLLA MO 65401