

# MISSOURI ALUMNUS

OCTOBER 1969

engineering edition



## A new publications . . .

program was begun by your Alumni Association this fall to serve two paradoxical trends.

On the one hand, emphasis on interdisciplinary programs is resulting in growing interaction among the 14 academic divisions. During their four or five years on campus, our students likely are exposed to several different departments and divisions. For this reason, campus identification never has been stronger.

On the other hand, alumni are becoming more and more oriented professionally. On a campus of 20,000 students, being a member of the class of '70 is not nearly as important as being an engineer, or a doctor, or whatever. Some of the Association's best-attended meetings are the professional get-togethers, not the general ones.

Therefore, the *Missouri Alumnus* becomes a general campus edition in September, November-December, February, and May. Divisional editions — eight of them — are published in October, January, March-April, and June.

This month you received the edition of the division from which you were graduated. If you want another edition instead — or if you want to receive more than one — fill out the card on page 25.

### MISSOURI ALUMNUS

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## FEWER HOURS FOR ENGINEERS

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**The College of Engineering has reduced its bachelor degree requirements from 136 to 126 hours. We asked Dean William Kimel, 'Why?'**

A. Well, let's back up a few years and look at the recommendations made in the report entitled, "ASEE GOALS OF ENGINEERING EDUCATION — EDUCATION PHASE." Written by a group representing industry, national laboratories, and the faculties of leading U.S. schools of engineering, it is a study to determine the direction engineering undergraduate education should take in the future.

In their report to the Ameri-



can Society for Engineering Education, the Goals Committee pointed out that there are more PhD's in engineering today than in all of the natural sciences, including chemistry, physics, etc. They also predicted that, by 1980, the United States will have three times as many PhD's in engineering as there are in the physical sciences.

It is primarily because of this expected increase in the need for advanced-degree engineers that the College of Engineering now thinks of the BS in engineering as a basic degree with two educational objectives: 1) To equip the graduate to meet his responsibilities as a professional engineer if he chooses to go to work as a BS engineer, and equally important 2), to prepare the BS graduate for the advanced studies that will enable him to accept the more challenging opportunities available to the MS or PhD engineer.

*Q. It almost sounds as if today's engineering student needs more, rather than fewer, hours to complete his undergraduate work. True?*

A. Not really. Perhaps that word reduce is misleading. You see, we just didn't arbitrarily chop 10 hours off our undergraduate curriculum. Each of our programs — agricultural, chemical, civil, electrical, industrial, mechanical and aerospace, and nuclear — has been completely redesigned. We've repackaged some of our course material, eliminating the repetition that has been allowed to accumulate over the years. We've adopted new teaching techniques and redesigned our engineering laboratory courses to reflect new equipment and the new, streamlined curricula. And we've been able to do

these things without weakening the technical strengths of our courses — in fact, we believe we have strengthened them.

*Q. How do students benefit from the College's redesigned engineering curricula?*

A. First, they'll benefit because we've finally put engineering on an equal credit-hours basis with competing BS programs here on the Columbia campus. As you probably know, engineering has traditionally demanded more hours for the undergraduate degree, ranging in some instances from 140 hours up to 150 hours.

Now, however, we can promise the bright, talented incoming freshman that he can complete

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*Dr. William R. Kimel became dean of the College of Engineering on the Columbia campus just over one year ago. Formerly professor and head of nuclear engineering at Kansas State University, he has been an engineering educator for more than 20 years.*

*As a working engineer, he was employed by the Goodyear Tire and Rubber Co., Akron, Ohio; Boeing Aircraft, Wichita, Kansas; Westinghouse Electric Co., Kansas City, Missouri; and the U.S. Forest Products Laboratory, Madison, Wisconsin. In 1958, he was a resident research associate at the Argonne National Laboratory, Argonne, Illinois.*

*Dr. Kimel earned his BS and MS degrees (mechanical engineering) at Kansas State University in 1944 and 1949, his PhD (engineering mechanics) at the University of Wisconsin in 1956.*





his undergraduate work in engineering within four years, or 126 hours.

To be perfectly honest, this hasn't always been the case. Despite the listings in most engineering school catalogs, including Missouri's, the average engineering student has needed  $4\frac{1}{2}$  to 5 years to earn his BS degree. One result of this, I'm sure, is that we have lost many promising students who turned from engineering as entering freshmen and chose majors in which they could earn their BS degrees in four academic years.

Another important advantage to the student is the new flexibility we've built into our engineering programs. Every student, working with his adviser, can now actually design a great deal of the program himself. He has more freedom to choose those courses he feels are best suited to his own particular interests and abilities.

*Q. When this new 126-hour curriculum went into effect this September, did it apply only to entering freshmen?*

A. No, our undergraduate students all were enrolled in the new program this fall. Each student's record was appraised and, during an individual interview, he was advised as to how the course work he's already taken will fit into the new 126-hour curriculum. This will result in some reduction in credit-hour requirements for every undergraduate in the College of Engineering.

Incidentally, other engineering schools are moving toward this same philosophy of undergraduate engineering education. The University of Michi-

gan recently adopted a 128-hour undergraduate engineering curriculum.

*Q. Because of the mathematics, physics, and chemistry required, engineering has traditionally been considered one of the rougher courses on the Columbia campus. Will the new 126-hour curriculum make life any easier for your undergraduate students?*

A. Probably not, because we haven't siphoned off any of the basic technical strengths of our departmental programs. In fact, to help our students adjust quickly and confidently to the often difficult transition from classroom to real-life engineering responsibilities, we still make sure that they get maximum exposure to the mathematics, physics, etc. they'll need to cope with today's sophisticated technologies.

We insist, too, that their programs include the humanistic-social studies courses that will help them put in proper perspective, and accept full responsibility for, their technical contributions to our increasingly complex society. And it's here, I think, where being an integral part of the nation's fourteenth largest university is paying our engineering students real educational dividends.

Only on the campus of a large university can students easily take advantage of the resources required for a broad interdisciplinary education. Here at Columbia, with the programs of four colleges and eleven schools to draw from, Mizzou engineering students can expand and enrich their education far beyond the rigid boundaries of their own disciplines.

Thanks to the redesigned 126-hour engineering curriculum, they can now do it in four academic years. □



For Friday afternoon "TGIFing", Linda Hedenkamp and Harris Gaynor sport the favorite look for Columbia campus students.



Typical gathering spot, the M-Store, catches (l to r) Richard Tapscott, Neil Sloman and Vicky Antonello in typical campus attire, mini skirt and plaid slacks.

What is really new in fashion at Missouri boils down to "just about anything." Mizzou students, while not as flamboyant as models in fashion magazines, are quick to follow the latest and the newest clothing trends.

## Student Style Setters



Putting together their own "look" is (left to right) Becky Sharp, Sheila Moore, Mike Stroud and Jim Cross with plaids, thick shoes and distinctive accessories.



Hosiery, in assorted lengths and colors, is popular with Debbie McKay. The "nude look" in stockings is preferred by her date, Mike Bailenson.

The guidelines for campus attire are suggested in the M-Book and at the Association of Women Students' well-attended fashion show.



With six theaters and 20,000 University students, Carol Holden and Bruce Studer decided to arrive early for movie tickets.



The long and the short of this year's fashion shows Sonja Hillgren (left) in a maxi coat with a nine-foot fringed scarf while Cheryl Grider scarfs her shorter pea coat, Jim Aldrich's monk strap shoes and slightly flared slacks also are "in" at Columbia.



A dark suit is always a smart choice in evening wear when Steve Uzzell escorts Julie Viers, a semifinalist in Glamour Magazine's best-dressed contest. She wears the sheer look in tunic and pants.

Everything from long hair and "grubbies" to ties and heels can be seen on this midwestern campus. As a feature editor of the student newspaper put it, "no one's sure what is 'in' for a change, thank God."



For students like (l. to r.) Dan Thompson, Jo Ann Nathan and Joe Bidewell, the "look" features longer hair and casual dress.



Just about everyone in every kind of dress, from pants suits, vests, sport coats and knits, goes to Saturday's football games at Memorial Stadium. From left to right are Phil Azdell, Nancy Barnes, Marian Haynes and Glenwood Johnson.

# CLASS NOTES

'17

WILSON HICKS, Arts, has retired from the post of director of student and university publications at the University of Miami. He will continue as a publications consultant. Hicks began his career as a reporter for the *Kansas City Star*, where he became acquainted with Ernest Hemingway. He also held the position of motion picture editor for the *Sidney* (Australia) *Sunday Times* and writer-editor for the William Fox Film corporation. He went on to become executive editor of the Associated Press newsphoto and feature service, a position he left to become picture editor for *Life*. He rose to the title of executive editor, before moving to Miami in 1952, when he took the job with the University of Miami.

'20

JAY E. MINTON, AB, LL.B., was installed recently as Commander of the Dallas chapter of the Military Order of the World Wars. He is an insurance executive in Dallas.

'21

GEORGE P. PLATTENBURG, Engr., is now city manager of the city of Warrensburg.

'22

LAURENCE D. ESTILL, Engr., retired as postmaster of Lawson, Missouri after 35 years in that position.

Mrs. RUTH ESTER Minetree, BS Ed., retired from teaching recently after 37 years as an English teacher in Poplar Bluff. She had also been chairman of the English department there.

'23

CARL E. BOLTE, B&PA, Arts, received the honorary degree of Doctor of Laws from Missouri Valley College on May 31. He is vice president of National Fidelity Life Insurance Company of Kansas City.

'24

MARVIN V. MAXWELL, BS Engr., has been elected a Fellow of the American Society of Mechanical Engineers. He is head of the Electric Utility Division of Harza Engineering Company of Chicago.

Dr. HELEN NAHM, GN, AB '26, DS '61, taught a special course in "Foundations of Professional Nursing" this summer at the University of Colorado School of Nursing. She recently retired as dean of the University of California School of Nursing, San Francisco.

'26

HAROLD G. ANTHONY, BJ, retired in June as public relations director for Pennzoil United Incorporated.

BENJAMIN F. BOYER, AB, LL.B. '28, has joined the faculty of Hastings College of Law in San Francisco.

Dr. ALLEN B. KELLOGG, AB, AM '28, has retired as professor of English and chairman of the department of English at Indiana Central College. He will continue to teach on a part-time basis and will serve as acting English department chairman for the current year.

JOE ALEX MORRIS, BJ, is the author of an article appearing in the September issue of *Reader's Digest* entitled "To Scare a Thief."

LESTER SWANEY, BS Agr., AM '30, has retired after 43 years of teaching vocational agriculture. He taught the past 39 years at Clinton High School, Clinton, Missouri.

'27

OVID A. MARTIN, BJ, was awarded the Reuben Brigham Award by the American Association of Agricultural College Editors.

Miss NORA WITTHAR, BS Ed., recently retired after 42 years of teaching in Independence, Missouri.

'28

IRVIN FANE, AB, LL.B., was awarded the honorary degree of Doctor of Humane Letters by Hebrew Union College-Jewish Institute of Religion.

'29

R. E. AUSMUS, Sr., LL.B., has retired as secretary and general counsel of the A.B. Chance Company of Centralia.

CHESTER MELVILLE BROWN, Arts, has retired as president of the Allied Chemical Company. He had been president since 1959.

Dr. SUZANNE DAVISON, BS Ed., AM '33, recently was initiated as a member of Gamma Sigma Delta, the national honor society of the College of Agriculture at the University of Minnesota. She is a professor of home economics there.

'30

EUGENE P. BRASHER, BS Agr., professor of plant science at the University of Delaware, received an honorary Doctor of Science degree from Missouri Valley College.

Dr. ADELIN HOFFMAN, BS Ed., professor of textiles and clothing at the University of Iowa, was a visiting professor this summer at the University of Maryland in College Park. She is president of the Missouri Home Economics Alumni Association.

Dr. J. P. MORRIS, AM, Ph.D. '36, was elected president of the Missouri Academy of Science for 1969-70. He is head of the Department of Chemistry at Central Missouri State College.

'31

Dr. OTTO E. AUFRANC, AB, BS Med. '32, has been named chairman of the De-

partment of Orthopedic Surgery at the New England Baptist Hospital, Boston.

JOE PARKS, BS Ed., retired recently as science teacher at Kennett, Missouri where he has taught for the past twenty years.

ALONZO S. PENNISTON, BS BA, LL.B. '34, received an outstanding performance appraisal and a sustained superior performance award as a logistics officer for the U. S. Army Materiel Command at ceremonies in Washington, D. C.

'33

Dr. ROY LEE LOVVORN, AM, Director of Research, School of Agriculture and Life Sciences at North Carolina State University, Raleigh, has been named Administrator of the Cooperative State Research Service, United States Department of Agriculture.

'34

DONALD U. GIBSON, AM, retired after 25 years as a social science teacher at Lafayette High School, St. Joseph, Missouri.

Judge JOHN W. OLIVER, AB, LL.B. '36, received the 1969 Americanism award at the 22nd annual encampment of the Jewish War Veterans in Kansas City.

'35

Captain SAMUEL C. GILL, BS Engr., is stationed as Commanding Officer of the Caribbean Division, Naval Facilities Engineering Command at San Juan, Puerto Rico.

RAY MILLER, BS Ed., M.Ed., '38, has retired from teaching in Rolla after 44 years in the field of education.

JOSEPH E. RENSCH, AB, was appointed assistant vice president of Security Benefits Life Insurance Company of Kansas City.

JOHN D. ("Jack") SHELLEY, BJ, has been elected to a three-year term on the Accrediting Committee of the American Council on Education for Journalism, the agency which accredits journalism sequences at major colleges and universities in the United States. He is also serving on the Radio-TV Division of the Teaching Standards Committee of the Association for Education in Journalism. He is professor of journalism at Iowa State University where he heads the radio-television sequence.

EDWARD H. WILKIE, Jr., BS BA is Coordinator of the Civil Defense University Extension Program at the University of Arizona at Tucson.

'36

CHARLES BRANDES COLLARD, BJ, advertising manager of Laclede Gas Company, was re-elected treasurer of the Public Utilities Advertising Association at its annual convention held in May.

WALTER G. COWAN, BJ, has been named editor of the New Orleans States-Item. He was previously managing editor.

Mrs. SUE MEYERS Gerard, BJ, M.Ed. '41, physical education instructor at Chris-

tian College, has received a Presidential Citation from the National Water Safety Congress for "outstanding effort to prevent water accidents and drownings."

D. W. McEOWEN, AM, has retired as superintendent of schools in Harrisonville, Missouri, a position he has held since 1938.

### '37

JOHN W. HUTCHESON, BS Agr., was named a member of the Missouri Agricultural Stabilization and Conservation State Committee by Secretary of Agriculture Clifford M. Hardin.

CHESTER WEST PARKER, AM, retired this spring after 44 years of service as school superintendent throughout Missouri.

### '38

Dr. JOSEPH W. NOAH, BS Med., has been named associate professor of clinical medicine at Washington University's School of Medicine.

Dr. ELINOR ROTH Nugent, BS HE, AM '43, has joined the faculty of the University as professor of textiles and clothing in the School of Home Economics. She previously taught at Michigan State University.

### '39

Brig. Gen. ROBERT S. DALE, BS BA, of the Missouri Army National Guard, was presented the Meritorious Service award during retirement ceremonies at Camp Clark on June 14. He is publisher of the *Carthage Press*.

BRADLEY E. FRIESZ, BS Agr., MS '63, has been named a Specialized Extension Agent of the mid-Missouri area. An agronomy agent, he has been designated to specialize in the Food and Fiber Program.

T. L. HOLMAN, M.Ed., has retired as superintendent of the Berkeley, Missouri school district. He has served as superintendent for 33 years and was the only man ever to serve as superintendent of Berkeley schools.

Col. CARL W. HUGHES, AB, Commander of Walter Reed General Hospital, was promoted to the rank of Brigadier General during ceremonies August 1, conducted by Lt. General Leonard D. Heaton, Surgeon General of the U. S. Army.

WILLIAM H. MARSDEN, BJ, has been appointed director of marketing for Breen Laboratories, a pharmaceutical manufacturing subsidiary of Sterling Drug Inc.

### '40

Dr. GEORGE C. BEAMER, AM, Ph.D. '47, was one of 40 counselor-educators throughout the United States to participate in an institute designed to update and upgrade guidelines for the preparation of school counselors. He is a member of the North Texas State University psychology faculty.

ROBERT S. BEELER, BJ Agr., has been named director, technical service, education

markets, motion picture and education markets division of the Kodak Office of Eastman Kodak Company.

LAVEGA CLAIBORN, AM, is now serving as superintendent of the Waynesville-Fort Wood Schools.

MILLER HUNTER, BS Agr., AM '52, is a county agent of Maui County, Mailuku, Hawaiian Islands.

EDWARD F. MONTGOMERY, BJ, has been appointed city editor of *The Daily Oklahoman*.

BERYL L. REUBENS, BJ, is now director of public relations for the Mount Sinai Medical Center of New York. The center is comprised of Mount Sinai Hospital, Mount Sinai School of Medicine of the City University of New York, Mount Sinai Hospital School of Nursing, and the Neustadter Foundation, Inc.

### '41

JOSEPH P. BLANK, Journ., Arts, is the author of *And Not to Yield*, which appeared as the condensed book in the June issue of *Reader's Digest*.

Col. ROBERT T. HEDER, BS BA, has been presented the second award of the Army Commendation Medal.

Col. BILL H. KERR, BS Agr., became deputy commander of Fort Leonard Wood on July 8.

Dr. HAROLD L. YOUNG, M.Ed., Ed.D. '54, has been appointed Dean of the School of Continuing Education at Central Missouri State College at Warrensburg.

### '42

ARTHUR L. FREEMAN, Jr., BJ, retired in April as director of printing instruction and publications at Farmington State Hospital.

Dr. HENRY V. GUHLEMAN, Jr., BS Med., received the annual Illustrious Alumni Award by the Jefferson City Senior High School Alumni Association.

Dr. FRANK S. HOOK, AB, AM '47, professor of English at Lehigh University, has been granted a leave of absence for the academic year for purposes of research and writing.

HUBERT J. KRAUTMANN, BS Agr., has been designated a specialized extension agent. He is working in Cole County in the area of agricultural mechanization.

Mrs. MARGARET MITCHELL PLUNKETT, BJ, is communications assistant for School District 110 of North Kansas City. The newspaper she prepares, "Schools in Action" was cited for special recognition in the 1969 School Publications Awards contest, conducted by School Management Magazine.

ROBIN E. WALKER, BS BA, has been appointed vice-president in charge of business development for the Bennett Construction company of Kansas City.

### '43

C. W. BROWNING, BS Agr., MS '69, an agricultural extension agent for Boone County, will participate in the new Food and Fiber program for mid-Missouri.

WILLIAM FROUG, BJ, an award-winning writer, producer and director in Hollywood, has been appointed to the rank of professor on a part-time basis in the University of Southern California's Division of Cinema.

O. F. G. HAHN, BS BA, is now general manager of the St. Louis casualty and surety division office of Aetna Life and Casualty.

R. A. KIMMEL, BS Agr., MS '54, County Extension Director of Howard County, has been named as a specialized agent in agronomy.

PRESTON ("Buck") NEVINS, BS Ed., has been promoted to vice president and general sales manager of Brown and Bigelow Advertising Company in St. Paul, Minnesota.

SEYMOUR TOPPING, BJ, is now assistant managing editor of the *New York Times*.

### '44

WILLIAM D. HAGAN, BS Agr., is now a farm management agent in Howard County.

Dr. H. D. RADFORD, AM, Ph.D. '49, is assistant director of fuel research for the American Oil Research and Development Department. He presented a paper to the American Petroleum Institute's Division of Refining in May.

### '45

PHILLIP J. BLISS, BS PA, has been elected a vice president of Batten, Barton, Durstine, and Osborn, Inc. advertising agency.

Dr. ELI F. MITTLER, M.Ed., Ed.D. '56, was named interim president of Northeast Missouri State College in July. He is head of the division of the Extension Services, and will serve as interim president until a new president has been chosen.

HENRY ROLFES, BS PA, is now in his 11th year as city manager of Casper, Wyoming. He was listed in the 35th edition of *Who's Who in America*.

HARRY M. TALBOT, M.Ed., retired as superintendent of Missouri School for the Blind in St. Louis on July 1.

### '46

MENDEL R. CLINE, BS Agr., has been appointed as the Missouri state director of the Farmers Home Administration.

### '47

WILLIAM W. HILL, BS BA, has been elected treasurer of Mutual of Omaha Insurance Company.

JOHN W. KEEN, BS BA, is now Regional Manager for Allstate Insurance Company with headquarters in Milwaukee, Wisconsin.

DONALD T. McPHEE, BS CE, was elected a vice president of the Kansas City Power



Gerard '41



Marsden '39



Beeler '40



Maxwell '24



Hook '42



Hill '47



Kern '47



Penniston '31



Archibald '48



Anthony '26



Reubens '40



Sample '48



Young '41



Kerr '41

and Light Company by the board of directors on May 6.

## '48

RUSSELL D. ARCHIBALD, BS ME, a specialist on project management, has joined SYMCOR Marine Corporation of Long Beach, California, as vice president and general manager of the M.J. Richardson Inc. Division.

BYRON BECKNER, BS Agr., M.Ed. '53, is now superintendent of schools of Hardin-Central Consolidated District No. 2.

HARRY JAMES GRAHAM, BS CE, MS CE '52, was elected president of the Kansas City section of the American Society of Civil Engineers. He is an office engineer for the Kansas City office of Howard, Needles, Tammen and Bergendoff consulting engineers.

EDWARD A. NEER, BS EE, was named vice president and director of Washington, D. C. operations for Emerson Electric Corporation.

JAMES G. POINDEXTER, M.Ed., has retired after 51 years of teaching. He spent the last 16 years teaching math in Raytown, Missouri.

WILLIAM T. SAMPLE, BS Agr., is now technical sales representative in the industrial chemicals division of the Mobil Oil Company, working out of Memphis in the Midlands sales region.

C. E. ("Dutch") WYATT, BS Ed., is now head grid coach of the Poplar Bluff Mules, football team of the Poplar Bluff High School.

## '49

ALFRED B. CLEM, BJ, has been elected public affairs officer at Continental Illinois National Bank and Trust Company of Chicago.

Lt. Col. HARLON A. HAIN, BS Agr., is an operations officer in the 9th Strategic Reconnaissance Wing at Beale Air Force Base. The unit recently earned the U. S. Air Force Outstanding Unit Award.

DONALD B. HEATON, BS Agr., M.Ed. '56, received a distinguished service award during the annual conference of Missouri vocational instructors.

VICTOR H. HOEMANN, AM, has been appointed counselor of student personnel services at the Florissant Valley Community College in St. Louis County.

CARL I. HUSS, BJ, is now manager of communications services for American Oil Company.

Dr. EUGENE F. KÄELIN, AB, AM '50, has been named chairman of the philosophy department of Florida State University.

RAY A. KARPOWICZ, BS BA, is now general manager of KSD-TV in St. Louis, an NBC affiliate.

DAVID SKYLAR, BJ, is president of Com Corp., a new national communications company headquartered in Cleveland. The organization incorporated The Metro News-

papers, Inc., The Berea Publishing Company and The Sun Newspapers.

PLEASANT R. SMITH, BS BA, is now vice chairman of the University of Missouri Board of Curators. He is secretary of the Gallaher, Smith, Feutz Realty Inc., in Mexico, Missouri.

EUGENE SPICKELMIER, M.Ed., retired after 42 years of teaching. For the past 27 years, he taught mathematics in Washington, Missouri.

Dr. HARLIN STAIRES, BS Ed., M.Ed. '51, Ed.D. '58, has been named Dean of the School of Education at Central Missouri State College at Warrensburg.

JAMES R. TURNER, BS CE, is assistant to the chief engineer of the Missouri Highway department and advisor to the director of highways.

WALTER T. WILKENING, BS Agr., MS '63, has joined the University of Missouri-U. S. Agency for International Development Contract team at Bhubaneswar, Orissa, India.

## '50

CHESTER BLACK, BS Agr., MS '61, is now an area director of the Mid-Missouri Extension Area.

N. JAY BRANTLEY, LLB, was named associate professor of business law in the College of Business Administration at Drake University, Des Moines, Iowa.

RUSSELL L. GIBBS, BS Agr., is in charge of land appraisal in Johnson County for Hummick and Associates of St. Petersburg, Fla. He is a licensed real estate broker in Missouri.

JACK KRUMME, BS Agr. is president of the Cam-Dex corporation, retailer of cameras used for identification purposes in stores in Kansas City.

ROBERT W. LISLE, BS PA, was elected vice president, real estate investments for the Prudential Insurance Company. His office is in Houston, Texas.

DONALD G. PICINICH, AM, has been named account executive in the public relations department of Muller, Jordan, Herrick of New York.

Dr. CARROLL S. PRICE, BS Ed., M.Ed. '58, is director of personnel for the Metropolitan Junior College, Kansas City.

VINCENT A. RAAF, BS Agr., MS '58, has been assigned to the Livestock program as a specialized extension agent for the Mid-Missouri area.

TED R. REDHAIR, BS Agr., M.Ed. '58, Cert. Spec. Ed. '65, is now superintendent of the Excelsior Springs school district.

HOWARD RAY ROWLAND, BJ, received a Ph.D. in education from Michigan State University in June.

Dr. VERNON E. SCHNEIDER, BS Agr., is president of the American Institute of Cooperation.

Mrs. SALLY JACKSON Self, BS BA, has been elected a director of the American Woman's Society of Certified Public Accountants for the 1969-70 year. She will serve as chairman of the Public Relations Committee. She is assistant controller for Neiman-Marcus Company in Dallas.

ROBERT J. SIMON, AB, BS ChE '51, is European growth activities director for Monsanto Chemical Company. He is living in Brussels.

Dr. ROBERT SMITH, AB, BS '55, Ph.D. '57, associate professor of chemistry at Southeast Missouri State College, worked as a senior chemist this summer at the Atomic Energy Commission laboratory on the campus of Iowa State University in the study of reaction kinetics.

ROSS SWOFFORD, BS Agr., M.Ed. '60, has been assigned to the livestock program as a specialized extension agent of the mid-Missouri Area.

Dr. CATHERINE F. TITUS, AM, Ph.D. '55, has been named head of the Department of English at Central Missouri State College at Warrensburg.

JOHN H. WINDSOR, Jr., AB, LLB '52, is now chairman of the Board of Trustees of Kemper Military School.

## '51

Maj. HOWARD L. CHAMBERLAIN, BS Agr., is on duty at Udorn Royal Thai AFB in Thailand.

AL DELUGACH, BJ, a 1969 Pulitzer prize winner, has joined the staff of the *St. Louis Post-Dispatch*.

ROBERT C. ELLIS, BS CE, has been named assistant professor in the school of business administration at Miami University, Oxford, Ohio. He recently received a Doctor of Business Administration degree from George Washington University.

Dr. MARY LOU LAMB, BS Ed., M.Ed. '57, is an assistant professor of business administration at Bradley University.

Mrs. RUTH FINKE Mahmoud, BM, has been promoted to assistant professor of music at the University of Dubuque.

ROY B. MIDDLETON, BJ, is now account executive with Cole and Weber, advertising and public relations specialists in Portland, Oregon.

WILLIAM E. NEFF, LLB, was appointed probate judge and ex officio magistrate of Macon County.

RALPH K. PFREMMER, Jr., Arts, was elected president of the Missouri Young Democrats and chosen Outstanding Missouri Young Democrat at the state convention in June.

CARL L. RICHARDSON, M.Ed., has been appointed superintendent of schools for the Keytesville R-3 district.

ED SHOEMAKER, BS, was appointed national sales manager, agricultural and turf

divisions, for the Rain Bird Sprinkler Manufacturing Corporation.

DONALD W. SMITH, BSF, has been named chief forester of Southern Forest Institute with headquarters in Atlanta.

Maj. JAMES L. THOMPSON (ret.), AB, was awarded the Bronze Star for meritorious service as director of intelligence, 14th Special Operations Wing while in Vietnam.

Dr. LYNN EDWARD WEAVER, BS EE, has been named professor nuclear engineering and associate dean of the College of Engineering at the University of Oklahoma at Norman.

## '52

KEITH COLLINS, M.Ed., has retired as head of the music department for the Sikeston, Missouri schools. He will devote full time to his piano company.

Lt. Col. WILLIAM C. EMRIE, BS BA, has received his second through eighth awards of the Air Medal for air action in Vietnam. He was cited for his outstanding airmanship and courage on successful and important missions under hazardous conditions.

DAVID H. LILLARD, BS ChE, was installed as president of the Missouri Society of Professional Engineers at its annual meeting in July.

DAVID H. PENCE, BS BA, has been named the city manager of Poplar Bluff, Mo. He is the first to hold the position.

JAMES B. PORTER, Jr., BS BA, was elected vice president of Missouri Certified Public Accountants in June. He is a partner in the Springfield accounting firm of Baird, Kurtz and Dobson.

ARTHUR W. RUEHMANN, BS BA, has been named a general sales representative for the St. Louis service center of Joseph T. Ryerson and Son, Inc., the nation's largest

supplier of steel, aluminum, space age metals, industrial plastics and metalworking machinery.

WAYNE W. WOLFE, BS Agr., M.Ed. '61, has accepted a position as teacher of vocational agriculture and power mechanics at Hickman High School in Columbia. He previously taught in Hermann.

## '53

THOMAS W. CAMPBELL, BJ, was appointed commanding officer of Naval Reserve Officers School 3-10 in Stamford, Connecticut. He is a Commander in the U.S. Naval Reserves.

Maj. FRANK P. CARTER, BS Agr., took part in the Military Airlift Command combat airlift competition held recently.

HOWARD EICHEN, BS BA, has been elected president of the St. Louis Chapter of Producer's Council. He is sales manager for General Elevator Engineering Company in St. Louis.

Maj. FORBES E. HANSON, AB, has received his second through eleventh awards of the Air Medal for air action in Southeast Asia.

Dr. JACK HARTSTEIN, BS, has been named assistant professor of clinical ophthalmology for the Washington University School of Medicine.

THOMAS W. MARTIN, BS Agr., is now Refuge Manager of the Piedmont National Wildlife Refuge at Round Oak, Georgia.

JENNINGS McKEE, BS Ed., is now superintendent of schools in the Iberia R-5 district of Missouri.

THOMAS W. PARRY, Jr., BJ, has been installed as president of the St. Louis Chapter of the Public Relations Society of America. He is executive vice-president of Thomas W. Parry and Associates, the oldest public relations firm in the midwest.



Dr. JAMES T. HORNER, BS Agr. '50, M.Ed. '54, Ed.D. '59, and Mrs. ROSEMARY LESTER HORNER, BS Ed. '51, M.Ed. '55, are shown with their children preparing for ceremonies at which she received her Ph.D. in educational psychology and measurement.



# Missouri Graduates Aid In Success of Apollo 11

As Apollo 11 made its way into space for a lunar landing, many graduates and faculty members of the Columbia campus watched its progress with more than a detached interest. A substantial number of alumni played important roles in the planning, actual flight, and later analysis of the lunar project.

A University professor was notable among those involved in Apollo 11. Dr. Charles W. Gehrke, professor of agricultural chemistry and research associate in space sciences, who with a team of five University scientists joined others at NASA laboratories in Ames, California, is a key figure in studying the rock samples brought back by the astronauts of Apollo 11. His field is genetic code molecules and amino acids, and his aim was to discover whether such compounds exist in the moon rocks. Amino acids and genetic code molecules are present in every living organism on this planet.

A 1967 graduate, Dr. JAMES L. McQUEEN, BS Agr. '57, DVM '57, took part in the mission as chief of the microbiology lunar receiving laboratory in NASA's Manned Spacecraft Center in Houston.

Chief of the support systems branch at the Houston Center is JAMES A. MILLER, BS EE '59, who was also vitally involved in Apollo 11's flight.

EARL G. HOARD, BS BA '50, is an aerospace technologist in the National Aeronautics and Space Administration's Marshall Space Flight Center, Huntsville, Alabama. Marshall Center is NASA's largest organization and it was there that the Saturn V rocket that lifted Apollo 11 from earth was developed.

Capt. ROBERT M. EDWARDS, BS EE '65, worked on the atmospheric re-entry phase of the space flight. He is an astronautical engineer at the Manned Spacecraft Center in Houston. Captain Edwards is one of 150 select Air Force members assigned to duty with NASA in conjunction with the space program.

Captain Edwards' role in the mission was to assure that simulations of problems encountered in returning the astronauts safely through the earth's atmosphere were reliable. Study of such problems as those of guidance depended upon his verification of equations used in simulating what goes on inside the spacecraft and in directing it into the precise and safe re-entry corridor. Captain Edwards holds an MS in astronautics from Massachusetts Institute of Technology.

A member of the Air Force Communications Service special task force supporting the Apollo 11 Lunar landing mission was Technical Sergeant WALTER D. SHAY, Agr. '50. He is a communications technician with the 3rd Mobile Communications Group at Tinker Air Force Base in Oklahoma, a unit which supports all manned space flights.

Another OI' Mizzou graduate assisting Apollo 11 was Captain WILLIAM P. DOTSON, Jr., BS EE '65. Captain Dotson, an electrical engineer at the Manned Spacecraft Center in Houston, helped to validate automated functions accomplished aboard the spacecraft to assure that computers in the ground network were configured to implement the functions.

Involved in the design of the rendezvous between the command and lunar modules after the moonlanding was Captain HAROLD O. SPURLIN, MBA '68. He is an astronautical engineer at the Manned Spacecraft Center. He assisted with previously determined and computer-verified alternate maneuvers to effect the rendezvous in the event the original plan was hampered.

Although the flight of Apollo 11 went off smoothly, it was not without the aid of graduates of the University, who not only worked in all stages of the planning of the mission but were also on hand in case of emergencies to make adjustments necessary for successful completion of the lunar landing.



Dotson '65



Skyler '49



Spurlin '68



Hain '49



Edwards '65



Shoemaker '51

WILLIAM D. RILEY, BS Agr. '53, has been designated a farm management agent for Monticue County under the mid-Missouri Food and Fiber program.

GUS RUTLEDGE, BS Agr., is now director of research and development for Hammons Products Company.

FREDERIC J. SEIDNER, BJ, has been elected executive vice president of The Public Relations Board, Inc. of Chicago.

Dr. H. KEITH STUMPF, AM, an assistant professor of mathematics at Central Missouri State College, was elected chairman of the Missouri section of the Mathematics Association of America.

REX M. WHITTON, Jr., BS CE, is now general traffic manager of Southwestern Bell in Kansas City.

## '54

WALTON H. CAPPS, BS Agr., was promoted to Lieutenant Colonel in February. He is an Army pilot.

WILLIAM C. FINNELL, M.Ed., Ed. Cert Spec. '80, has been named executive vice-president of Capital Business College, Jefferson City.

RICHARD K. GOTTSCHALL, BJ, has been appointed vice president of Standard Kollsman Industries, Inc.

WILLIAM JACKSON, M.Ed., is now superintendent of schools in the Northeast Nodaway R-V district.

Dr. THEODORE JUNGKUNTZ, AM, has been named director of the Reutlingen, Germany study center for the academic year.



Staires '49



Gausche '57

FRED A. LAMBERT, LL.B., recently joined the law firm of Graham, Paden, Welch and Martin in Independence, Missouri.

Maj. MARVIN L. REHKOP, BS Stat., a missile staff officer in the U.S. Air Force, is assigned to a unit of the Aerospace Defense Command.

WILLIAM TURLEY, LL.B., is police judge in Rolla, Missouri.

EDWIN J. WERNER, BS BA, has joined Schick Safety Razor Company as vice president of sales.

KENNETH E. WILLIAMS, BS Ed., M.Ed. '57, was promoted to Assistant Professor of English at Central Missouri State College.



Levings '56



Gaines '55

## '55

Dr. THOMAS R. GAINES, Ed.D., has been appointed Dean of the School of Arts and Sciences at Central Missouri State College at Warrensburg.

Dr. GLENNON A. HORNER, BS Med., MD '57 is specializing in anesthesia at Washington County General Hospital in Fayetteville, Arkansas.

ROBERT E. LOENICK, BS BA, has been admitted as a partner of Arthur Andersen and Company, a national public accounting firm.

CHARLES B. MANLEY, AB, MD '58, was named assistant professor of surgery at Washington University School of Medicine.

JEWELL MOONEY, BS Agr., M.Ed. '61, was presented a distinguished service award at the annual meeting of the Missouri Vocational Agriculture Teachers Association. He teaches at Woodland High School, Lutesville, Missouri.

Dr. MICHAEL J. MYERS, BS Agr., is now administrative assistant to the superintendent for the Maine Township High Schools in Park Ridge, Illinois.

KELLY O'NEILL, B.J., was elected to the board of directors of Gardner Advertising Company in March.

DONALD F. STALLINGS, BS Agr., is an air traffic controller at Scott Air Force Base, in a unit of the Air Force Communications Service.

Dr. CLINTON WOFFORD, BS, Ph.D. '62, is now enrolled in St. Paul School of Theology in Kansas City. He plans to enter the Methodist ministry.



Brown '57



Lowry '57



Barton '56



Campbell '53



Picnich '50



Eichen '53



Parry '53



Hughes '39



Huss '49



Ruehmann '52

## '56

Maj. LARRY R. BARTON, BS BA, has been decorated with his second award of the Distinguished Flying Cross for aerial achievement in Southeast Asia. He distinguished himself as an F-4 Phantom aircraft commander.

Dr. JOHN F. GERBER, BS Agr., MS '57, Ph.D. '60, professor at the University of Florida has been appointed visiting professor of agricultural climatology at the

Pennsylvania State University for the academic year.

RICHARD J. HINDES, BA, has opened an office in Kirkwood, Missouri for his podiatry practice.

JACK LEVINGS, BS Agr., has been appointed sales manager of the Agricultural Chemical Division of Thompson-Hayward Chemical Company. His office is in Kansas City.

MICHAEL A. McDANIELD, BS Ed., was appointed executive editor of social studies and English for the Educational Book Division of Prentice-Hall, Inc.

PAUL G. WILSON, BS BA, has been named casualty superintendent of the Hartford Insurance Group's Newark, N. J., regional office.

## '57

WILLIAM D. BROWN, BS Ed., M.Ed. '59, AM '62, has been appointed Director of Admissions at Christian College.

Dr. and Mrs. MALCOLM D. CAMERON, BS BA, (BEVERLY FULTON, BS Ed. '58), have announced the birth of a son, Jeffrey Scott Cameron, April 2. They have a daughter, Christina. 4. Dr. Cameron has opened his own veterinary clinic in Dallas.

WILLIAM C. FERRIL, BS BA, is now vice president in charge of food for Red Owl Stores. The company is based in Minneapolis.

HARRY H. GAUTSCHE, BS BA, has been appointed manager of the Kansas City Unit of the Supply and Contracting Division, Owens-Corning Fiberglass Corporation.

BILL F. GUTSHALL, BS Agr., received a distinguished service award at the annual convention of Missouri Vocational Agriculture Teachers. He is an instructor at Chillicothe High School.

DAVID W. HOPKINS, Jr., BS BA, received his doctor of education degree from Colorado State College at Greeley in June. He resides in Decker Beach, California.

EUGENE KELLUMS, M.Ed., has been appointed principal of Fox Elementary School in Arnold, Missouri.

Maj. LOUIS L. LOWRY, BS ME, MS '62, is serving at the Test Command Defense Atomic Support Agency at Sandia Base, New Mexico.

DONALD RAY ROBERTS, AB, AM '60, has been named director of Project Communicate of Northwest Missouri. This is an Elementary and Secondary Education Act project to improve public school language arts programs in 18 counties.

ELDON R. SCHNAKENBERG, BS Agr., is now a member of the Crowder Jr. College agriculture faculty. He recently received an award for distinguished service as a vocational agriculture instructor at the Missouri Vocational Agriculture Teachers Association meeting. Last year he was a national winner of the Agricultural Career Orientation Award.

JOHN P. SLUSHER, BSF, has been named a University Extension Forester.

DONALD E. JONES, BS Ed., M.Ed. '64, is now principal of Wright City High School.

EDWARD L. PONDER, BS Agr., has been decorated with the U.S. Joint Service Commendation Medal at the Pentagon. An Air Force Captain, he received the medal for his meritorious service with the combined armed forces organization at Saudi Arabia.

RON D. RICHARDSON, BS Stat., MS '59, was appointed president of Houdaille's Huntington, West Virginia, Automotive Division.

Capt. JOE R. MULLINS, has been promoted to the rank of major in the U.S. Air Force. He is stationed at Scott Air Force Base, Illinois.

Dr. GLEN REED, AB, MD '63, joined the staff of the Tri-County Clinic of Osceola, Missouri. He was previously a U. S. Navy surgeon.

BRENDAN RYAN, AB, LLB '61, was recently appointed St. Louis circuit attorney by Governor Warren Hearnes.

## '58

THOMAS J. CONWAY, BS BA, LLB '61, is currently working as a staff legal advisor with the Board of Veteran's Appeals in Washington, D.C. He and his wife have announced the birth of Thomas Jude Conway, Jr., on June 30, 1969.

RONALD DOZIER, BS Agr., was named Regional Supervisor for the Federal Land Bank of St. Louis. He will serve the Northeast Missouri region and part of Illinois.

Capt. JOSEPH D. EARL, BS Ed., has received the Distinguished Flying Cross for aerial achievement in Vietnam.

GEORGE R. EICHMAN, BS BA, has been named manager of the Central-Camelback Office of the Valley National Bank, Phoenix, Arizona.

RICHARD W. FENWICK, BS Agr., has been transferred to Salina, Kansas. He is assistant state soil scientist for the U.S. Department of Agriculture.

HAMP FORD, BS BA, LLB '64, has joined the law firm of Jones and Knight as a partner. The firm name has been changed to Jones Knight and Ford. Its offices are in Columbia.

WILLIAM G. GODBEY, MS, Ph.D. '60, received the 1969 James and Beth Armsey Excellence in Teaching Award at Alaska Methodist University. He is professor of chemistry there.

MARION HOLLANDER, BS Ed., has been elected to serve as principal of the R-III School District of Platte City, Missouri.

## '59

JAMES T. AUSMUS, AB, LLB '62, has succeeded his father as secretary and general counsel of the A.B. Chance Company, Centralia.

HARRY L. CONNOR, BJ, was named Director of Public Information at the University of Delaware.

TOM FELTENSTEIN, Arts, has been sworn in by the governor of Georgia as a member of a state advisory commission on travel development. In this capacity he will help create new programs for tourism in Georgia. He is director of public relations and advertising for Historic Stone Mountain at Stone Mountain Park, Georgia.

TERRY J. HOUGH, BS BA, has been promoted to major in the U.S. Air Force. He is stationed in Germany.

Capt. ABRAM J. HUNTER, B&PA, Arts, received a commendation medal for meritorious service while serving with the Marines in Vietnam.

DONALD R. LAWS, AB, has received a doctor of philosophy degree in education from Southern Illinois University.

## '60

Dr. JOHN BARBOUR, Arts, an optometrist, has set up a practice in Fulton, Missouri.

DAVID L. FOSHEE, BS BA, has been promoted to the position of sales promotion supervisor of the R.T. French Company, Rochester, New York. His position is in the headquarters Marketing Group.

LEONARD E. GOODALL, AM, was appointed vice chancellor and associate professor of political science at the University of Illinois at Chicago Circle. He was previously associate dean of faculties there.

ROBERT GRASSLE, M.Ed., is now principal of West Plains Senior High School.

Dr. JOSEPH T. HOWARD, Ph.D., was named "Teacher of the Year" at Bishop College in Dallas, Texas where he is an associate professor of sociology.

JACK M. JONES, BJ, is the new executive director of the Missouri Tourism Commission. He was Jefferson City correspondent for the *St. Louis Globe-Democrat* prior to the appointment.

JAMES MARCUM, BS Agr., Ph.D. '69, is a lecturer in animal breeding at the College of Agriculture of the University of Libya, North Africa. He lives in Tripoli.

Dr. HAROLD P. MARTIN, MD, assistant professor of pediatrics at the University of Colorado Medical Center, has been appointed associate director of the Kennedy Center. The Center is a facility for education and research in child development and provides clinical services to children with developmental deviations.

JOHN MCCARTHY, BS Ed., is now principal of Westran High School in Westran, Missouri.

ROBERT C. OSHER, AB, was promoted to investment officer in Wells Fargo Bank's Financial Analysis Department, Portfolio Management section. The bank is located in San Francisco.

## '61

DIANE BERRY, AB, AM '66, an instructor in American history at Christian College, spent part of the summer as seminar leader at the 1969 Phi Theta Kappa Honors Institute at Marymount College of Virginia. Phi Theta Kappa is a national scholastic honorary for two-year colleges.

HARRY A. BLANTON, LLB, was named administrative assistant to the Rev. Paul C.



Loyal "Tigers" of the University of Missouri are the family of Mr. and Mrs. M.E. Turner, Belgrade, six of whom are graduates of the University of Missouri-Columbia. Mr. and Mrs. Turner, seated at front, are pictured here with their six Mizou alumni children as they all attended the dinner meeting of the Washington County Alumni Chapter, in Potosi. Standing from left are: MARGARET TURNER, BS Ed. '68; JOE TURNER, BS BA '62; Dr. KIRBY TURNER, AB '60, MD '64; WILMA TURNER JARVIS, BS Ed. '68; JERRY TURNER, BS Ed. '55, M.Ed. '59; and HAROLD TURNER, BS BA '54. Margaret is a teacher at the Potosi Elementary School; Joe is associated with his father in the Turner Chevrolet Co.; Kirby is a physician at Potosi; Wilma is the wife of the Rev. Donald Jarvis, of St. Louis County; Jerry is principal of the New Belleville, Ill., West High School; and Harold is executive vice president of the Belgrade State Bank.

Reinert, S.J., president of St. Louis University.

DENNIS D. FALCONER, BS HE, a dietitian, is now serving at Tachikawa Air Force Base in Japan where he is a captain.

BERNARD LEROY SHAFFER, AM, received a doctor of philosophy degree in geology from Michigan State University.

DAVID W. STEWART, Jr., MS, is a manager for Sealtest Foods in Indianapolis. He and his wife have announced the birth of their second daughter, Nichole, on March 24, 1969.

RAY VICKERY, BJ, has joined in ownership of the Salem Publishing Company, Salem, Missouri, where he serves as advertising manager for the *Salem News* and the *Salem Post*. He recently left the Navy after serving for three years as a Phantom jet test pilot.

## '62

PATRICK T. GIBBONS, AB, received the degree of Master in Business Administration with Distinction from Harvard University in June.

Dr. PAUL D. HINES, AM, is now vice president and academic dean of the School of the Ozarks.

Capt. LARRY O. HIRSCHMAN, BS BA, has received a regular commission in the U.S. Air Force at Columbus Air Force Base, Mississippi. He was previously an Air Force Reserve officer.

Capt. WILLIAM J. LONDON, Jr., BS Ed., received the Distinguished Flying Cross for extraordinary achievement while participating in aerial flight in Southeast Asia. He is stationed in Okinawa.

WILLIAM J. MORAN, BJ, is assistant vice president-public relations for Western Union.

N.C. PANDA, MS, Ph.D '68, recently returned to India to teach at Orissa Agriculture College at Bhubaneswar, India.

JOHN ROMJUE, AB, AM '63, was appointed Historian of the Army Combat Developments Command Experimentation Command at Fort Ord, California. His job is to chronicle the CDCEC Story as it unfolds and to preserve the annals of its past.

A.K. ROSENHAN, BS ME, is now first Staff Engineer, International Association of Fire Chiefs in New York.

DALE SCHNARRE, BS Agr., was named a Specialized Extension Agent for Audrain County.

KENNETH WOOD, BS Agr., was named district director for the Soil Conservation Service in Montgomery County.

EDWARD WUCH, BS Ed., M.Ed. '63, has joined the department of physical education at Missouri Southern College as Assistant professor and assistant football coach.

## '63

LARRY A. ACKLEY, M.Ed., is now principal of Farmington Senior High School, Farmington, Missouri.

BLAIR R. BEHRINGER, AB, MD '67 has joined the house staff of N.C. Memorial Hospital in Chapel Hill for three years of residency training in orthopedic surgery.

G. STEPHEN BEIMDIEK, BS BA, JD '69, is now associated with the Beimdick Insurance Agency, Carthage, Missouri.

BARRY CONNELLY, BJ, is Director of Public Affairs for Associated Credit Bureaus, Inc. of Houston, Texas.

JAMES A. GRANTHAM, AB, JD '69, has entered law practice with Norman J. Williams, Miller County prosecuting attorney.

JERRY LEE GRAY, BS Ed., M.Ed., '65, received his doctoral degree in educational psychology from the University of Arizona. He is now assistant professor of educational psychology at the University of Iowa.

JAMES W. RAULSTEN, M.Ed., has been appointed superintendent of schools in Hermitage, Missouri.

NORRIS REICHEL, BJ, was appointed general sales manager of WNEM-TV, NBC television network affiliate serving Bay City, Saginaw and Flint, Michigan.

STANDLEE STEENROD, AB, AM '65, received the Headquarters Seventh Air Force Award of Merit for distinguished service while assigned on temporary duty in Vietnam. Steenrod, a civilian, is an operations research analyst with the Air Force in the Pentagon.

JACK C. STEWART, BS Agr., JD '65, has been promoted to Army major. He is a trial counsel and claims officer.

Capt. CLIFFORD A. STIGALL, BS BA, received a masters degree from the University of Southern California in their fourth annual commencement of the European graduate programs in Wiesbaden, Germany.

JOHN E. STONNER, AB, received his MBA degree from the Harvard University Graduate School of Business Administration. He is now a consultant for the management consulting firm of Harbridge House, Inc.

Capt. WAYNE E. WARE, BS ME, has been recognized for helping his unit earn the U.S. Air Force Flying Safety Plaque. His unit, the 478th Air Defense Wing at Perrin AFB, was cited for 80,000 hours of accident-free flying.

JERALD WEBER, BS Agr., M.Ed. '68, is the vocational agriculture teacher at Clinton High School, Clinton, Missouri.

VAN C. WILKS, BS ME, has joined Southwire Company as patent advisor and will be in charge of negotiations dealing with Southwire patents, contracts, licenses and technical assistance and development programs.

## '64

ROBERT ALCORN, M.Ed., is now coordinator of health, physical education, athletics, and safety for the St. Joseph, Missouri School System.

Capt. ARTHUR L. CHRISTIE, AB, is now at Vance Air Force Base, Oklahoma where he serves as a flight training instructor.

ROGER D. COLDSNOW, BS BA, AM '66, has accepted a position as copy writer for the Henderson Advertising Agency, Inc. of Greenville, South Carolina.

KENNETH D. EMERSON, BS Agr., BS AgE '64 recently joined Arizona Tractor Company as assistant sales manager. He coordinates and supervises sales activities for the Phoenix, Tucson and Las Vegas operations.

1st Lt. MAJOR D. HAMMETT, BS Agr., JD '67, received his silver bars in promotion ceremonies. He is a contracting officer with the General Purchase Branch of Procurement and Production Directorate at Fort Monmouth.

RONALD D. HEDRICK, AB, M.Ed. '65, is now Director of Counseling Services at Briar Cliff College in Sioux City, Iowa.

ELMER E. HINKLE, Jr., BS ChE, has completed his initial training at Delta Air Lines' training school and is now assigned to the airline's Dallas pilot base as a second officer. He was previously in the U. S. Air Force.

Capt. BRYAN K. HUTCHINGS, BSF, is serving with the Air Weather Service at Andersen Air Force Base, Guam.

GLENN MILES, AB, MD '68, a general practitioner, has joined with three other physicians in medical practice in Louisiana, Missouri.

VERN DWAYNE ROLLE, BM, is now teaching instrumental music in Lebanon, Missouri.

PAUL SAYER, MD, and his family are living in Anchorage, Alaska where he is continuing his residency in surgery at the Alaska Native hospital which serves only Indians and Eskimos.

TED SEBAUGH, BS Agr., MS '65, has been named a Specialized Extension Agent in Farm Management for Osage County.

Capt. CHARLES SCHERER, Jr., BS Ed., won a special "gold pride" award from the Junior Officers Council for his work while based in Bermuda. He is now stationed at Randolph Field, San Antonio, Texas.

Dr. WALTER G. THIES, BSF, recently completed his doctor of philosophy degree in plant pathology from the University of Wisconsin. He is now serving in the army at Fort Bliss, El Paso, Texas.

PERRY G. THOMPSON, AM, is now assistant professor of sociology and anthropology at Tarkio College, Tarkio, Missouri.

MARTHA WALLSMITH, BJ, traveled to Houston to cover the flight of Apollo 11 for



Ferril '87



Rosenhan '62



Ponder '58



London '62



Matlin '60



Moran '62



Berry '61



Connolly '63

"Lines West," a publication of American Telephone and Telegraph of Kansas City which she edits.

DAVID BARRY WEDDLE, BS Agr., MS '66, Ph.D. '69, is director of product development with Mid-American Dairymen, Inc., in Springfield, Missouri.

THOMAS H. WOOLSEY, AB, has been elected assistant vice president of Guardmark, Inc., a national security company.

2nd Lt. VAUGHN D. YEAGER, BA, graduated with honors from the U.S. Air Force technical school at Sheppard Air Force Base, Texas. He is assigned to a unit of the Air Force Communications Service at Hamilton Air Force Base, California.

## '65

1st Lt. EUGENE A. ADAMS, BA, is a personnel officer on duty at Stephenville Air Force Station, Newfoundland.

ANDREW T. AU, BS, has joined the Experimental Chemistry unit of the Upjohn Company in Kalamazoo, Michigan.

Major STANLEY E. BARKLEY, BS IE, is an Royal Force navigator assigned to Korat Royal Thai Air Force Base in Thailand.

LI. ROBERT E. BUXTON, BS Agr., MS '67, was promoted to the rank of captain. He is a helicopter pilot stationed in Vietnam.

Dr. BECKY SCHMIDT Case, AB, graduated from the St. Louis University School of Medicine. She is now interning in pathology.

RAYMOND DAWSON, AB, M.Ed. '66 is now high school principal in Centralia, Missouri.

KEITH E. ("Gene") EULINGER, BS Agr., received his MS in education from Northwest Missouri State College, Maryville. He is vocational agriculture instructor at Tarkio High School. He and his wife, (MARIAN) OCKER, Educ., have announced the birth of a daughter, Elizabeth Lorraine, born on

July 19, 1969. Mrs. Eulinger graduated summa cum laude from Tarkio College in 1968 and is doing graduate work at Northwest Missouri State College.

Mrs. MARY LORRAINE ("Lori") HAVENS Greenstein, BJ, is assistant to the public relations director of the football Cardinals in St. Louis.

PHILLIP C. HAMMAR, BS AgE, MS '66, has joined Butler Manufacturing Company, Kansas City, as project engineer on metal farm buildings.

GEORGE M. ROOTES, BS CE, has been named district engineer at the Shell Oil Company's Davenport district office in Iowa.

CURTIS WAYNE SCHUPBACH, AB, received his MD degree at Washington University in June. He is interning at the University of Utah hospitals in St. Lake City.

2nd Lt. PHILIP L. TRITTLER, AB, recently took part in a successful strike mission against an enemy base camp in the Mekong Delta. Lt. Trittler and fellow F-100 Super Sabre pilots were credited with destroying or damaging six fortifications, four bunkers and two sampans and causing a secondary explosion.

Capt. GLENN H. VOGEL, BS Agr., participated in the Strategic Air Command 1969 combat missile competition at Vandenberg AFB, California. He is a deputy missile combat crew commander at Grand Forks Air Force Base.

Major GEORGE R. WILSON, BS ME, has entered the Air Force Institute of Technology to study toward a master's degree in aerospace engineering.

## '66

Mrs. RUTH HOYT Aichele, BS Ed., was elected president of the University chapter of Pi Lambda Theta, national honor and professional association for women in education. She teaches third grade in Columbia.

Mrs. GWENDOLYN STEWART Beck, BS Ed., was initiated into Phi Sigma Iota, National Romance Language Honor Society composed of students and teachers who have demonstrated outstanding ability and accomplishments in the field of Romance languages and literatures.

2nd Lt. ROBERT A. CARNAHAN, BSBA, MBA '68, has received U.S. Air Force silver pilot wings. He will be assigned to Moody Air Force Base, Georgia, for duty as an instructor pilot.

Capt. JAMES D. CARRIER, BS Agr., DVM '68, has graduated from the training course for U.S. Air Force veterinary officers at Sheppard Air Force Base, Texas. He is assigned for duty with a unit of the Military Airlift Command at Charleston Air Force Base, South Carolina.

PHILLIP D. CARTER, M.Ed., was promoted to the rank of assistant professor of English and journalism at Central Missouri State College.

Army Spec. 5, ARTHUR W. COLE, M.Ed., received the Army Commendation Medal during ceremonies near Long Binh, Vietnam in April.

JOHN R. DAVIS, BS EE, has been promoted to the rank of captain in the U. S. Air Force. He is serving in the Philippines.

THOMAS G. DRESE, AB, AM '68, has been appointed sales promotion manager in the agricultural advertising and sales promotion section of Monsanto Company's Advertising and Market Development Department.

LARRY L. DUSENBERG, BS AgE, was honored as one of nine outstanding young engineers in Missouri during the 33rd annual meeting of the Missouri Society of Professional Engineers in July. He is assistant District Engineer, Missouri Division of Health.

VERNON D. FOSS, BJ, is with the division of university relations at Wayne State University in Detroit.

GREGORY M. GAGNE, BJ, is serving at the U.S. Naval Station in Rota, Spain as a public affairs officer.

Mrs. NANCY SIMONS Grantham, BS Ed., M.Ed. '67, is teaching English, speech and dramatics at Eldon High School, Eldon, Missouri.

HERMAN HARRISON, Jr., BS Agr., is now a research technician at the University of Missouri Delta Center at Portageville, Missouri.

WILLIAM M. HARRIS, BA, received his Master of Divinity degree from Louisville Seminary. He will serve as pastor of the Fair View Presbyterian Church in Chattanooga, Tennessee.

THOMAS L. HERRICK, M.Ed., was appointed principal of Palmer Junior High School, Independence, Missouri.

GEORGE W. KESSINGER, AB, received the Bachelor of Divinity degree from Drew University's Theological School this summer.

Sgt. GARY E. KIRKMAN, BS PA, graduated with honors from the U.S. Air Force Noncommissioned Officer Leadership School at Norton Air Force Base, California. He was trained in military management and supervision and is an accounting specialist at Norton.

WILLIAM N. KLIETHERMES, BS BA, is now administrative assistant to the superintendent of insurance for the state of Missouri.

NORMAN H. LETSINGER, BS Ed., was graduated from the Southern Baptist Theological Seminary of Louisville, Ky. with a Master of Divinity degree.

BRUCE LOWREY, BS Agr., is now city clerk of Independence, Missouri.

Capt. MARK F. McMILLEN, BS ME, received his eighth award of the Air Medal at Westover Air Force Base, Massachusetts, for air action in Southeast Asia.

Mrs. ELAINE SEITZ Millaire, BJ, is producer-director of film at KETC, the educational television station in St. Louis.

CECIL NETTLES, M.Ed., is principal of Fox Junior High School in Arnold, Missouri.

ROBERT L. NORRIS, AB, JD '68, was appointed acting state purchasing agent by Governor Warren E. Hearnes in June.

Mrs. ANN MEUSER Ritter, BJ, is editor of *The Key*, official magazine of Kappa Kappa Gamma sorority.

1st Lt. HERBERT F. HINTZ, Jr., BS BA, is a member of the 4624th Support Squadron at Hancock Field, New York, that has earned the Aerospace Defense Command's "A" Award. Lt. Hintz is a weapons controller.

ROBERT M. HUTCHERSON, BS Agr., received the degree of master of science at Purdue University in June.

ALBERT KENNETT, BS Agr., MS '68, is the area livestock agent for Rails and Pike counties in Missouri.

KENNETH R. LOGAN, BS, has been promoted to the rank of captain in the U.S. Air Force. He is a weather officer at Norton Air Force Base, California.

Sgt. JEFFREY P. McCULLOCH, AB, is on duty at Bien Hoa air base, South Vietnam.

Pvt. DENNIS A. MEYER, BS CE, MS '67, has been assigned to the U.S. Army Terrestrial Sciences Center at Hanover, New Hampshire. He is participating in environmental research programs there.

DON DUANE PETRY, M.Ed. '68, is now Associate Dean of Administration at Maryville College.

JOHN K. RUFFNER, AB, is St. Louis district sales manager for the Industrial and Commercial Construction Division of Owens-Corning Fiberglas Corporation.

JOHN C. RUSH, MS, is serving as a planning associate in the United Fund agency of

the regional health and welfare council of Kansas City.

JIM SCHAPERKOETTER, AB, recently graduated from the Duke University School of Law. He received the degree of juris doctor with distinction, was an editor of the Duke Law Journal and a member of the Duke Law Forum.

RONALD L. SCHUBEL, BS BA, has been named a tool room general foreman for Packard Electric Division of General Motors Corporation in Warren, Ohio.

ERROL L. SMITH, BS Agr., is Regional Formulation Manager with Ralston Purina Company of St. Louis.

JIM STEELE, BJ, has joined the announcing staff of KLIK Radio in Jefferson City.

DALE STE. GEMME, M.Ed., is now junior high principal for the North County School District R-1 in Flat River, Missouri.

EDDIE B. STORMS, BS Agr., has accepted a position as management trainee with Farm-land Industries, Inc. of Kansas City.

RONALD E. TAYLOR, AB, JD '69, is an administrative aide for the St. Joseph, Missouri city legal department. He is to become assistant city attorney.

DONALD R. THARP, MS, has been named to the Platte County Human Resources Corporation staff. He will direct the Youth Opportunity Program.

Lt. WILLIAM C. WAGNER, BS Agr., MS '68, received the silver bars of the rank of First Lieutenant, U. S. Army. He is working in the Plans and Intelligence Division of the Plans and Readiness Office as the Emergency Plans Officer.

JERRY WATSON, M.Ed., instructor in journalism at Parkway Central High School in St. Louis County, worked for the Louisiana, Missouri *Press-Journal* this summer as news editor.

VANCE WATSON, MS, received the doctor of philosophy degree at Mississippi State University. He has accepted a position as professor of agronomy at Mississippi State University, in charge of forage crops research.

BARRY JAY WEINBERG, BJ, joined Federal Paper Stock Company. He is also editor of the Ad Club Bulletin published by the Advertising Club of St. Louis.

ROBERT M. WILSON, AB, has been promoted to captain in the U.S. Air Force. He is an aircraft maintenance officer at Nha Trang Air Base, South Vietnam.

'67

1st Lt. ROGER J. AMELING, BJ, is on duty at West Ruislip RAF, Station, England. He previously served in Vietnam.



Hinkle '64



Hedrick '65



Coldsnow '65



Criscuolo '68



Stricklin '67



Calne '69



Schubel '66



Morton '67



Gagne '66



Maas '67



White '67



Frewen '68



Thies '64



Kincaid '67

# Announce McAfee Award

Union Electric Company of St. Louis, has announced the J. W. McAfee Scholarship Program upon the retirement of JAMES WESLEY McAFEE, LLB '26, as president and chief executive officer.

In announcing the scholarship program, Charles J. Dougherty, president of Union Electric said "Beginning next spring, a J. W. McAfee Scholar will be selected annually by the National Merit Scholarship Corporation from among the children of Union Electric employees. In any year in which no child of an employee qualifies for the award, it will be given to a child of a Union Electric customer. Each scholarship will be for four years of study at the college or university of the student's choice.

"Over the four-year period, a J. W. McAfee Scholar will receive \$1000 to \$6000 depending on the scholar's need," Dougherty said.

McAfee retired as an employee of Union Electric on August 31. He will continue to preside as chairman at meetings of the board of directors. He plans to maintain his other business and civic associations and activities. He joined U.E. in 1941 as president.

PAUL ASCHENBRENNER, MS, recently returned from two years of work with the American Friends Service Committee in a community development program in Mexico.

D. L. BOOTH, Jr., BS Agr., DVM '69, has been commissioned as a captain at Sheppard Air Force Base, Wichita Falls, Texas. After eight weeks training there his assignment will be Pleiku, Vietnam.

MELVIN BRASHEARS, BS ME, MS '69, attended the International Conference on Medical and Biological Engineering at Chicago. He presented a paper on blood flow in arteries which summarized the results of his masters thesis.

RAYMOND BRAUDIS, BS Ed., M.Ed. '68, is principal of Westran Elementary School in Westran, Missouri.

ANTHONY CALWHITE, M.Ed., is now a physical education instructor and assistant football coach with Missouri Southern College in Joplin.

1st Lt. JOHN T. CAPPS, AB, an Air Force Navigator, is on duty at Holloman Air Force Base, New Mexico. He previously served in Thailand.

1st Lt. JOHN L. CARY, Jr., BS Ed., took part in a successful strike mission over Vietnam. He is an F-4 Phantom pilot stationed at Cam Ranh Bay Air Base.

2nd Lt. MELVIN E. DOUGLAS, BS Agr., has been awarded U.S. Air Force silver pilot wings and will be assigned to Little Rock Air Force Base, Arkansas.

JANICE MARIE DUNCAN, BS Ed., is an instructor in French and German at South-west Baptist College at Bolivar, Missouri.

BRUCE EARLS, BS BA, AM '68, is working for Peat, Marwick and Mitchell and Company, St. Louis. He recently completed his six months active duty for the National Guard.

Dr. W. D. GRIGSBY, Ed.D., has been appointed assistant superintendent in charge of instruction for the St. Charles School District, St. Charles, Missouri.

Airman 1st Class ELDON R. HARPER, BS EE, is an autopilot repairman on duty at Takhlil Royal Air Force Base, Thailand.

Dr. CHARLES E. KESEMAN, Ed.D., was promoted to associate professor of industrial arts and technology at Central Missouri State College, Warrensburg.

Airman THOMAS E. KINCAID, BS Agr., has completed basic training and is assigned to Sheppard Air Force Base, Texas for training as a medical services specialist.

WILLIAM R. MAAS, AB, has been commissioned as a second lieutenant upon graduation from OCS at Fort Sill, Oklahoma.

1st Lt. LOUIS S. MACKNICK, BS EE, received his master of science degree at the Air Force Institute of Technology, Wright-Patterson Air Force Base, Ohio.

PHILLIP W. MORTON, AB, BS, was promoted to first lieutenant in the Army. He is serving in Korea.

Maj. RICHARD E. NADIG, MS, has been decorated with the Distinguished Flying Cross and 19 awards of the Air Medal for action in Southeast Asia. As a forward air controller, he flew seven hours, deliberately exposing himself to enemy ground fire, to help save allied troops that had been ambushed. He is now at Scott Air Force Base, Illinois.

JAMES D. RITCHIE, BJ, has joined Farm Journal magazines as a livestock editor in Philadelphia.

Pvt. 1st Class HERBERT B. SCHNEIDERMAN, BS Ed., received the master in hospital administration degree from Washington University School of Medicine. He is stationed at Fort Sam Houston, Texas.

JOHN STAHL, BS BA, a Peace Corps worker in Monrovia, Liberia, spent five days this summer climbing the slopes of Mt. Kilimanjaro in Kenya, East Africa.

ERNEST RAY STRICKLIN, BS Agr., DVM '69, has joined the staff of the Blum Animal Hospital in Festus, Missouri.

Capt. CHARLES PETERSON STROM, AB, is serving with the 87th Advisory Team, 18th Arvin Division Artillery in Xuan Loc, Vietnam.

SUSAN WHITE, AB, is serving a one year tour of duty with the American Red Cross in Korea.

MICHAEL J. WILLIAMSON, BS IE, BS BA, received a master's degree in business administration at Harvard in June. He is employed by the Butler Manufacturing Company, Kansas City.

## '68

Maj. FITZHUGH G. BUSH, MBA, received the Air Medal for action in Southeast Asia. He was cited for his outstanding airmanship and courage as a navigator on successful and important missions under hazardous conditions.

2nd Lt. JOHN A. CRISCUOLO, BS EE, MS '69, has received a regular commission in the U. S. Air Force. He previously held a USAF reserve commission.

Maj. FRANKLIN D. FREWEN, MBA, received the Air Medal and the U. S. Air Force Commendation Medal in Vietnam. He was decorated for his meritorious service as a missile combat crew commander and cited for his outstanding airmanship and courage on successful and important missions under hazardous conditions.

Maj. JAMES E. HINKLE, MBA, received the U. S. Air Force Commendation Medal at Pleiku Air Base, Vietnam. He was cited for his outstanding professional skill, knowledge and leadership as a missile combat crew commander. He is now serving as a C-47 Skytrain instructor pilot at Pleiku.

2nd Lt. GERALD E. JOHNSON, AB, a Marine, completed a 16-week helicopter pilot course at Fort Wolters, Texas. He is now undergoing advanced flight training at Hunter Army Airfield, Georgia.

JERALD A. KREPPS, BS Ed., has been awarded the Combat Infantryman Badge. He is a reporter with Company B, 1st Battalion of the 4th Infantry Division's 8th Infantry near Pleiku.

KATHY MAHON, BA, is serving in the Peace Corps in Lekempe, Ethiopia. She teaches seventh and eighth grade English.

RAYMOND MENDENHALL, BS Agr., recently accepted a position as a marketing trainee with the Standard Oil Company of Kansas City.

Airman LOREN J. D. MURRAY, Jr., BS Agr., was graduated from U. S. Air Force technical school where he received training as a personnel specialist. He is assigned to a unit of the Air Training Command at Randolph Air Force Base, Texas.

Maj. ARLYN A. SUKUT, MBA, an assistant professor of aerospace science at Arizona State University, recently attended the Air University academic instructor course at Maxwell Air Force Base, Alabama.

## '69

JULIE BEMIS, BS Ed., is teaching third grade at McIntire School in Fulton.

STEVEN A CAINE, BS ME, is a technical employee with the Gulf Oil Refinery at Port Arthur.

JOE CURTIS, BS Agr., is the vocational agriculture teacher at R-7 High School in Odessa.

JIM DREXLER, MBA, was approved as Industrial Extension Agent for the Mark Twain eight county region. His headquarters are at the Randolph County University Extension Council.

EUGENE J. HENKE, BS CE, a VISTA volunteer, is spending the year working with the Office of Navajo Economic Opportunity in Fort Defiance, Arizona, a community action program which serves Navajo Reservations in Arizona, Utah and New Mexico.

ROBERT HOWE, Ed. D., is principal of North Kansas City High School.

LINDA JAMES, BS Ed., teaches business subjects in the Jefferson City public schools.

ARTHUR C. LOTZ, MS, is an industrial engineer for IBM in Poughkeepsie, New York.

GREGORY L. McPIKE, BS ChE, is working on a master of science degree at Purdue University where he is employed as a half-time instructor in the School of Chemical Engineering.

RICHARD PEMBERTON, BS Agr., works for the Department of Agriculture in the Audrain County Soil and Water Conservation District.

IGNACIO VELEZ, MS, has joined the industrial engineering faculty of the University of the Andes, Bogota, Colombia.

Capt. RICHARD L. WEBSTER, MS, has been reassigned to Vandenberg Air Force Base, Lompoc, California.

## WEDDINGS

### '52

Evelyn Knight and ELDEN KENNETH EWALT, BS Agr., M.Ed. '68, June 15 in Portageville. The couple will reside in Knox City where he is an agriculture instructor.

### '57

Mary Louise Larid and Dr. HENRY OLIVER GWALTNEY, Jr., M.Ed., Ed.D. '59, in Richmond, Virginia on June 6.

### '61

Sara Sue Shipp and WAYNE HOWARD HOCKER, BS BA, JD '67, in Prairie Village, Kansas, June 14. He is assistant attorney general for Missouri.

## '62

Madhu Lata Vyas and GOPAL PANDEY, MS, July 17 in Delhi, India. Mr. Pandey is associated with the Sangai Corporation, Monrovia, Liberia.

## '64

Judy Zeller and LARRY HELMICH, AB, May 3, in Independence. Both are employed at Hallmark Card, Inc., Kansas City.

## '65

Linda Dale Sweeton and LANNY LEE DUNHAM, BS EE, in New Orleans, April 29. He is an engineer for Schlumberger in New Orleans.

MARY ANN MARTIN, AB, and Gary Louis Swaty on June 5 in Columbia. The couple resides in Tempe, Arizona.

## '66

MARTHA JEAN GODFREY, AB, and Philip Andrew Schaeffer, June 28 in Columbia. They reside in Bernerton, Washington.

LAURANNAH JEAN PONTIUS, BS Ed., and KENNETH D. KYSER, AB, JD '68, June 7 in Columbia. He is employed with a district federal judge in Kansas City.

Madelyn Kay Leftwich and WAYNE FRANKLIN WARD, BS Ed., in Elsberry on June 14. He is in the U.S. Army.

MARCIA SUSANNE WEINAND, BS Ed., and CHARLES H. GARRISON, BS BA, June 21 in Quincy, Illinois. She teaches first grade in Hazelwood and he is employed as a tax accountant by the Mississippi River Transmission Corporation.

## '67

Marie Marguerite Schupmann and CHARLES STEPHEN DECKER, BS CE, May 11 in Oskaloosa, Iowa. He is stationed with the U. S. Army in Frankfurt, Germany.

RUTH MARY ROEBUCK, BM, M.Ed. '69, and EMMANUEL EVMENIS PARASCHOS, BJ, June 7 in Macon. They are living in Columbia where he is a graduate assistant, and she is teaching near Auxvasse.

ROSELYN CLAIRE ROGERS, BJ, and Joseph Lee Caldwell, June 7 in Kansas City. The couple resides in Independence.

Kathleen Fahey and Dr. JOE HENRY WALKER, BS Agr., DVM '69, June 28 in Saugus, Massachusetts. The couple resides at Grand Forks Air Force Base, North Dakota.

## '68

Georgia Fiesler and DALE HACKMAN, BS Agr., April 5 in Ladonia. The couple resides in Hopkins, Missouri where he teaches vocational agriculture.

## '69

KAREN ANN EALEY, BS Ed., and Frederick Mason Lambert, January 25 in Columbia. They reside in Kansas City.

Joyce Taylor and JAMES DOUGLAS BAUER, BS BA, in Stover, February 22. He is in the Army.

ELIZABETH ANN ENGELBRECHT, AB, and Capt. DAVID ARNOLD FISCHER, AB '65, JD '68, February 22, 1969. They reside in Greenbrae, California.

KATHRYN ANN BIEGEL and John Keller, February 22 in Brookfield. They make their home in Fairbury, Nebraska.

## DEATHS

ETTA MILDRED ALLDER, AB '06, BS Ed. '07, May 11.

FRANK D. LOMBAR, BS '07, April 30, in Danville, Virginia.

Mrs. LILLY BELL NEAL Campbell, Arts '08, November 1, in Hollywood, Florida.

Mrs. EDNA McCULLOUGH Evans, Arts '09, on December 16.

PEYRE FERRY SAPP, AB '09, on May 5, in Amarillo, Texas.

SUSAN BAIN, AB '10, on May 25, in St. Louis. She was the Director of the Board of Children's Guardians in St. Louis for many years. Among survivors are EDWARD USTICK BAIN, BS Agr. '15, Dr. KATHERINE BAIN, AB '21, and PATTERSON BAIN, BS CE '09.

JAMES A CHEVERTON, BS EE '10, July 18, in Milwaukee. He was a design engineer for the Electric Company there for 45 years.

The Rev. EDWARD HENRY ECKEL, Arts '10, May 26, in Tulsa, Oklahoma, where he served as pastor of Holy Trinity Church for 30 years.

HOWARD M. SHIRKEY, BS CE '10, August 17, in Richmond, Missouri.

HERBERT LEON MILLER, Engr. '11, February 20, in Arkansas City, Kansas.

THEOPHILE K. KRUSE, AB '12, M.Ed. '12, in Pittsburgh, Pennsylvania, March 26.

ARTHUR C. RAGSDALE, BS Agr. '12, July 22. Dr. Ragsdale was professor emeritus of dairy husbandry and former chairman of the dairy husbandry department at the University.

RALPH BENJAMIN SMITH, BS Agr. '12, June 28, in Tulsa, Oklahoma. He had been state supervisor of vocational agriculture for 20 years in Arkansas.

Mrs. NELLE CARTER Daily, AB '13, July 15, in Kansas City.



FANNIE FERN COCHRAN, BS Ed. '34, May 15. She was a retired teacher.

Dr. WILLIAM REGINALD JACKSON, AB '14, in Kansas City, Missouri, May.

Mrs. BESS DUNCAN Griswold, Agr. '15, April 17.

NEIL KIMBALL, Journ., Arts '15, April 2.

MARION L. SHANNON, Agr. '15, June 26, in Kansas City. He was a retired book salesman.

RICHARD K. PHELPS, Arts '16, August 2, in Lee's Summit. He was a lawyer and former U. S. attorney and county prosecutor.

JACKSON A. DAGGS, Law, Arts '17, June 4, in Memphis, Missouri. He was a cattle farmer.

FREDERICK SHAPIRO, BJ '17, May 24, in Philadelphia, Pennsylvania. He was the former feature editor of *Today*, the *Philadelphia Inquirer's* Sunday magazine.

Dr. PAUL F. TITTINGTON, AB '18, May 23. He was a retired St. Louis radiologist.

Mrs. ELIZA HENDERSON Gibbany, BS Ed. '19, in King City, June 10.

Dr. HYMAN RUBINSTEIN, AB '19, in May. For many years he practiced medicine in Brooklyn, New York, specializing in pediatrics. In recent years he lived in Miami, Florida.

ISAAC JACOB DECK, BS Ed. '21, July 5, in Kirkwood, Missouri. He was a retired educator.

CLAIRE MAGEE, Law, Arts '22, August 7, in Unionville. He was a former Congressman.

RAY G. SIEMON, BJ '23, May 16, in Kansas City. He was a retired realtor and apaiser for the FIA.

LEO F. BECKETT, BS Engr. '24, in Jefferson City, July 4. He was a former district engineer for the state highway department.

LEWIS E. BINGHAM, AB '24, July 28, in Houston, Texas. He was in the insurance business in Houston for 40 years and was retired from Employers Insurance of Wausau.

Judge GLENN D. EVANS, LLB '24, July 12, in Macon, Missouri. He was a former state representative, prosecuting attorney, probate judge and magistrate judge.

VERLE V. KRAMER, Arts '25, November 3, in Gibson City, Illinois.

DAVID A. BROWN, Arts '25, in Kansas City, May 15. He was retired assistant district sales manager for the Missouri Portland Cement Company.

JOE B. BIRKHEAD, Law '25, June 8. He was president and general manager of the Greater Kansas City Better Business Bureau and mayor of Weatherly Lake.

Mrs. KATIE HAWK LeFever, BS Ed. '26, August 19, in Rocheport.

WILLIAM PRESTON HALL, Jr., AB '27, May 1. He had been a tax accountant for the state of Missouri.

FRANCES V. RUMMELL, AB '28, AM '30, June 18, in Los Angeles. She was education consultant for *Reader's Digest*.

ELI O. AXON, BS Engr. '29, May 7, in Jefferson City. He had been with the State Highway Department for 40 years.

LAURA GREER DECKER, BS Ed. '29, AB '30, AM '38, June 22, in Joplin.

Mrs. SALLY JUDEN Reed, AB '29, June 10, in St. Joseph. She was active in the field of social welfare. Her husband, RONALD S. REED, Sr., AB '28, LLB '31, survives.

ANDREW ADAM, BS Agr. '30, June 22.

CHARLES M. HAYNES, BS Engr. '30, BS EE '32, BS Ed. '33, May 27, in Joplin. He was superintendent of Empire District Electric Company. Among survivors are two sons, CHARLES HARRISON HAYNES, BS ME '64, MS '68, and WILLIAM ELI HAYNES, BS ChE '67, and a brother, WILLIS STUART HAYNES, AB '33, AM '35.

Mrs. BERTHA IRENE ROPER Holman, BS Ed. '30, in Bonne Terre, April 17.

JOHN DELWIN MCGREW, AB '30, LLB '32, November 20.

ROGER HUDSON SHACKELFORD, AB '30, LLB '33, July 12, in Kansas City. He was a retired lawyer.

ROBERT F. BENNETT, LLB '31, July 1, in Valparaiso, Indiana.

BURTON W. ARNOLD, AB '32, LLB '35, June 8, in Joplin.

Mrs. ADELE KATTELMANN Zimmerli, AM '32, May 9, in Columbia. She taught in the Hermann and Salem, Missouri schools as well as in the state of California. She was principal of the Hermann High School for 13 years.

CARL LEWIS, BS Agr. '34, August 4, in Columbia.

GENE THOMPSON, LLB '35, July 28, in Maryville. He was a lawyer and served three terms on the Board of Governors of the Missouri State Integrated Bar, and also served on two commissions for the Supreme Court.

Mrs. RUTH WALLACE Trial, BS Ed. '35, June 13, in Columbia. Her husband, GEORGE TRIAL, M.Ed. '46, is among survivors.

WILLIAM C. DANNEVIK, Jr., LLB '38, May 25, in Kansas City. A former F.B.I. agent, he was recently attorney for the Missouri-Kansas trucking association.

WILLARD IVAN MYERS, M.Ed. '39, May 8, in Jackson, Missouri. He was a retired school administrator.

Mrs. MARIE HANSEN Wesley, BJ '39, June 6, in Pasadena, California. She was a noted photo-journalist for *Life* magazine and friend of three U. S. presidents. She and her journalist husband covered many exclusive stories. Recently, she was on the publicity staff of the California Institute of Arts.

RICHARD EMORY BYRNE, AB '40, June 11, in Troy, Missouri. He was an industrial engineer with McDonnell-Douglas Co., St. Louis. His wife, the former IDA FRANCIS BERKLEY, BS Ed. '40, survives.

JAMES CRAWFORD ("Jake") DRAKE, B&PA, Agr. '40, June 25, in Charleston, Missouri. He had been employed by the Farm Home Administration in county, district, and state offices for 30 years prior to retirement.

Mrs. ELINOR WILSON Darrough, BS Ed. '41, June 19, in Hastings, Kansas. Her husband, SAMUEL DARROUGH, Arts '40, is among survivors.

Mrs. HELEN HINTZ Libbee, BS HE '41, May 20, in Palmyra. She was a schoolteacher.

Dr. H. GRAHAM PARKER, BS Med. '42, in an accident in Kansas City, August 18. A resident of Plate City, he was chief of surgery of Smithville Community hospital and on the board of directors there.

Dr. JOHN R. SALA, Grad. '42, May 30, in Wheeling, West Virginia. Dr. Sala was formerly dean of faculty at Christian College and held the same position at Bethany College. He had been chairman of the history department at Drake University.

WILLIAM DARRELL HAGAN, BS Agr. '44, July 19, in an accident near Fayette. He was employed by the University Extension Service as a farm management agent.

Mrs. VIRGINIA BELL Casey, AB '45, June 14, in a home fire in Jefferson City. She was a medical social worker with the State Division of Welfare.

RAY KENNETH HOLDER, M. Ed. '46, June 12, in Cambridge, Nebraska. He was a former teacher and superintendent of schools in Braymer, Missouri.

FRANKLYN H. DORSETT, BJ '49, July 12, in a boating accident in New Orleans. He was sales manager for William B. Reilly and Co. of New Orleans.

Dr. KATHERINE CHRISTMAN Epple, AB '48, BS Med. '50, July 24, in an automobile accident near Eldon, Missouri.

Dr. LAWRENCE K. EPPLE, BS Med. '50, July 24, in the same accident which claimed his wife and four of their eight children.

CLARK HIRAM MESSERSMITH, BS Ed. '54, July 25, in Camdenton, Missouri. He was a retired teacher.

SUZANNE MARIE CRONK, BJ '57, May 9. She was a reporter for the *Washington Post*.

THOMAS RAGSDALE, Jr., BS Agr. '59. He disappeared over a year ago with a team of agricultural experts in South Vietnam. His body was found on July 19. He pre-

violently helped to develop a superior strain of rice in South Vietnam.

Dr. WILLIAM G. UREN, BS Agr. '59, DVM '59, May 27, in Jackson, Missouri.

JAMES A. McCLINTIC, BS ME '61, April 17, as a result of an auto accident. Among survivors are his wife, JILL KONZELMAN McCLintic, BS '58, and three children. He had been an engineer for Union Electric Company and served at the Bagnell Dam for six years.

Dr. JAMES D. GLASGOW, MD '64, June 2.

DONALD GENE BURTON, M.Ed. '65, June 3, after suffering a heart attack in Shawnee Mission, Kansas. He was an English instructor, a past president of the Kansas State Teacher's association and a member of the National Education association.

2nd Lt. DAVID STEPHEN DETERS, BS BA '67, MBA '68, August 11. He was in a base camp near the Cambodian border when the area came under a rocket attack in which he was killed. He had been in Vietnam since early June.

ROBERT WILLIAM HECKEMEYER, BS CE '69, March 6, from injuries received in an automobile accident earlier.

## BOOKS

*Charles James Fox: A Man for the People* Loren Reid, Professor of Rhetoric and Public Speaking

This full-length biography describes and analyzes the speeches of Fox, a member of Parliament and foreign secretary for Britain in the early 19th century. Although his speeches were "magical" as Sir William Pitt once said, his faults of temperament plus political blunders often kept him in disfavor. An advocate of the American and French revolutions and opposer of slave trade, Fox was able to enact some enlightened legislation, including the libel bill.

Reid's book, published by the University Press, focuses attention on Fox's personality and speechmaking and keeps to a minimum the general historical background.

*The Urban Polity*

William O. Winter, BA '42, AM '47

Published by Dodd, Mead and Company, Winter's book is designed to help the reader develop an urban theory based on anthropological, historical and empirical data, before being introduced to the complex maze of facts that comprise a city's typical life. Through an examination of the environment of a city, its relation to other governments, the function and structure of city administration, and the problem of policy-making, Winter shows that politics and administration are one.

*Frank Parsons: Prophet, Innovator, Counselor* Howard Davis, AM '41

This is the first full-length study of the "father" of vocational guidance. Davis is a professor of education at SIU. The SIU Press published the book.

*A History of the Fee Family* Col. Ralph E. Pearson, AM '50

Pearson, the author of a column, "Your Family and Mine," began this as a project to prove that almost anyone can trace their ancestry if they wish. The 1,103 page study includes sketches of well-known Fees, McFees, McPhees, and McAfees in this country as well as such towns as Feeston, Feesburg, McAfee, McPhee, McAfee's Knob, and Felicity.

*Reluctant Servant: The Story of Charles D. Ross*

Ronald T. Farrar, Ph.D. '65

University Press has published the biography of President Truman's former Presidential press secretary, confidante, and advisor. Ross was an original faculty member of the School of Journalism at the University. He later served on the Washington bureau of the *St. Louis Post Dispatch* and edited the editorial page, until he was made Press Secretary by his boyhood friend, Harry S. Truman.

*The Regulators: Watchdog Agencies and the Public Interest*

Louis M. Kohlmeier, Jr., BJ '50

Kohlmeier, a Pulitzer prize-winning reporter, wrote this book to shed new light on how the federal regulatory agencies have failed in their purpose, which is to protect the American consumer. The book exposes various watchdog agencies and examines in detail the ways in which they often promote rather than police. The publisher is Harper and Row.

*Network Computer Analysis*

Editor: Dr. GEORGE W. ZOBRIST, BS EE '58, Ph.D. '65

Released by Boston Technical Publishers, Cambridge, Massachusetts, this 300-page compilation of technical papers on computer-aided design is a reference for practicing engineers and engineering graduate students. Dr. Zobrist is associate professor of electrical engineering at the University.

## LETTERS

To the editor:

As an old B. J. who through his faculty position in Journalism at Iowa State University has some chance to compare, I must tell you what a good job you and your associates have been doing with the *Missouri Alumnus*. In appearance and content it's far better than most other such publications I see.

But as a veteran newsman who hates to see a young story angles left out I was disappointed by what I didn't read in one item in the Commentary section of the September *Alumnus*. It's the item reporting almost one-fourth of freshmen flunked German in Fall '68, and almost half the Fall '67 freshmen got either D or F in the same course.

Unanswered was a big question: *Why?* And its corollary: Is anything being done about this? With only five years of college-level teaching experience Heaven knows I'm no expert, but it seems to me there's some-

thing grossly out of line here which a university ought to be concerned about. Since alumni are often asked to contribute to funds intended to help improve the quality of instruction, the question is of interest to them, too.

I plead guilty to a certain amount of personal interest in this area. One of my sons left Missouri after his freshman year because of what he felt was a ghastly experience with a graduate student-taught language course (not German.) He has since received his B.A. degree with a 3-point average at another institution and has been accepted for law school studies.

Jack Shelby, BJ '35  
Ames, Iowa

To the editor:

The September 1969 issue of *Missouri Alumnus* carried an article by Congressman Richard H. Ichord entitled "SDS and Student Disruption the Way I See It." Alumnus Ichord is chairman of what was called "one of Congress's most important groups, the Internal Security Committee." Most of us know this committee by its former name of HUAC . . . House Un-American Activities Committee. And those who know HUAC's odious history of witch hunting would not see the importance of HUAC, no matter what it was renamed. That is, unless you consider a committee such as this one "important" because of its potential dangers to the American way of life; then I would have to say that the Internal Security Committee is, perhaps, THE most important committee in Congress and one which deserves much more public scrutiny.

The Women's International League for Peace and Freedom presented some interesting and frightening data in their July 1969 "Washington Newsletter." In an attempt to counter the false impression given by Congressman Ichord as to the validity of his committee's purposes, I believe that this information should be obtained and read by all of our alumni.

If the Internal Security Act of 1969 ever becomes law, it is certain that George Orwell's 1984 police state will arrive ahead of schedule. This bill, similar to one introduced last year, represents a wide-ranging assault on the rights and freedoms guaranteed in the Constitution. Sponsored by Sen. James Eastland (D-Miss.) and 18 co-sponsors, it is composed of 10 titles with hundreds of provisions amending present security laws and enacting new security laws, many of which are clearly unconstitutional. Furthermore, there is no main theme or internal logic; it is a dangerous hodgepodge of measures which would increase institutionalized repression.

The Internal Security Act of 1969 would not protect this country's internal security; that is protected by preserving our freedoms under the Constitution and the Bill of Rights. Congressman Ichord, as chairman of the Internal Security Committee, heads up a committee more potentially dangerous to the future of the United States of America and

its traditions and heritage than do all SDS chapters in this country!  
 Norman F. Leach, AB '62  
 President, World Federalists Youth, U.S.A.  
 San Anselmo, California

To the editor:

As an alumnus and supporter of the University of Missouri, I am pleased with the manner in which the University has been administered, particularly as to the question of academic rights and freedom.

I especially enjoyed the article by our Congressman and personal friend, Dick Ichord, in this month's *Missouri Alumnus*.

F. Gano Chance, AB '29, BS Che '29  
 Centralia, Missouri

To the editor:

I would like to reply to the article in the September issue of the *Missouri Alumnus* concerning student disruptions. Maybe I can give you a few examples of why I and many young people are disenchanted.

In the article mentioned above you print a statement by President Weaver in which he says, "at the University of Missouri there will be an unassailable freedom of speech and thought." However, I seem to recall an article in the *Alumnus* in which a student publication was banned because of objectionable language. Also, when I was a student at Missouri, I helped publish a newspaper using off campus materials, and was chastised I might add for not allowing a proper official of the campus to read it and make suggestions before printing. I believe I've said enough and had enough of "academic rights and freedoms" as now practiced.

Mr. Ichord says "I am firmly convinced that we need to improve our enforcement of existing laws to maintain law and order."

May I suggest that Mr. Ichord spend less time investigating how to control student disruptions and more time alleviating the causes.

The radicals are presently a minority, but the repeated use of repressive methods to suppress dissent will increase our numbers. We have had enough of the grandiose statements by our "leaders" concerning justice, law and order, free speech, and etc. We demand that such rights as stated in our constitution be grounded on reality, not rhetoric.

Francis E. Burk, AB '63  
 Chico, California

## CALENDAR

**October 8**, St. Louis Symphony Orchestra, Jesse Auditorium, Columbia.

**October 10**, Faculty-Alumni Awards banquet, Memorial Union, Columbia.

**October 11**, Football, Nebraska at Missouri.

**October 12**, St. Louis Symphony Orchestra, Jesse Auditorium, Columbia.

**October 14**, Show Me: The Missouri Student, Joplin.

**October 18**, Alumni Athletic Council

**October 18**, Parent's Day, Columbia

**October 18**, Football, Oklahoma State at Columbia.

**October 18**, Agriculture Alumni and Parent's Day Weekend, Columbia.

**October 21**, Show Me: The Missouri Student, Edina.

**October 25**, Bus Brunch, Denver.

**October 25**, Football, Missouri vs. Colorado at Boulder.

**October 25**, Show Me: The Missouri Student, Denver.

**October 28, 29, 30**, Band Tour, Kansas City, Jefferson City, St. Louis.

**October 29**, Show Me: The Missouri Student, Rolla.

**October 29-31**, "Who's Afraid of Virginia Woolfe," University Theatre, Columbia

**November 1**, Homecoming, Football, Kansas State at Columbia.

**November 1**, "Who's Afraid of Virginia Woolfe," University Theatre, Columbia.

**November 2**, Veterinary Medicine Banquet, Columbia.

**November 5**, Show Me: The Missouri Student, Union, Missouri.

**November 5-8**, "Who's Afraid of Virginia Woolfe," University Theatre, Columbia.

**November 6**, Alumni Reception, State Teacher's Meeting, St. Louis.

**November 7-8**, Development Fund Board of Directors, Columbia.

**November 7**, Junior Scholars Day, Columbia.

**November 8**, Football, Missouri vs. Oklahoma at Columbia.

**November 8**, Reunion of 1919, '20, '21 football teams, Columbia.

**November 8**, M-Men's Banquet, Memorial Union, Columbia.

**November 13**, Show Me: The Missouri Student, Butler.

**November 15**, Show Me: The Missouri Student, Des Moines.

**November 15**, Football, Missouri vs. Iowa State at Ames.

**November 15**, Iowa Brunch, Des Moines.

**November 18**, Show Me: The Missouri Student, Columbia.

**November 20**, Show Me: The Missouri Student, Trenton.

**November 21**, Kansas City Pep Rally.

**November 22**, Football, Missouri vs. Kansas at Lawrence.

**November 24**, Alumni Meeting, Hutchison, Kansas.

**November 25**, Alumni Meeting, Wichita, Kansas.

**November 25**, Annual Tax Seminar for Businessmen, Memorial Union, Columbia.

**December 1**, Basketball, Arkansas at Columbia.

**December 3-6**, "Night of the Iguana," University Theatre, Columbia.

**December 6**, Basketball, Indiana at Columbia

**December 9**, Basketball, St. Louis University (tentative) at Columbia.

**December 10-13**, "Night of the Iguana," University Theatre, Columbia.

**December 13**, Basketball, Northern Michigan at Columbia.

**December 17**, Basketball, Colorado State at Columbia.

**December 19**, Basketball, Sun Devil Classic, Tempe, Arizona.

**December 22-23**, Basketball, Sun Carnival, El Paso, Texas.

**December 26-30**, Basketball, Big Eight Tournament, Kansas City.

**January 5**, Basketball, Kansas at Columbia.

**January 10**, Basketball, Oklahoma State at Stillwater.

**January 12**, Basketball, Oklahoma at Norman.

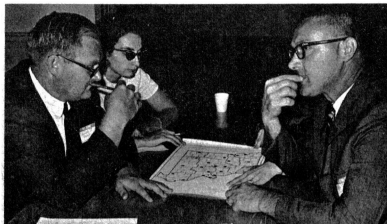
**January 12**, Show Me: The Missouri Student, Washington, D.C.

**January 15**, Show Me: The Missouri Student, Festus.

**January 17**, Basketball, Iowa State at Columbia.

**January 20**, Show Me: The Missouri Student, Marshall.

**January 31**, Basketball, Kansas State at Manhattan.



Planning for "Show Me: The Missouri Student" meetings at a training session September 20 in Columbia are Mr. and Mrs. Thomas J. Henke, of Old Monroe, Missouri, and Bob Gooch, right, of Mexico.

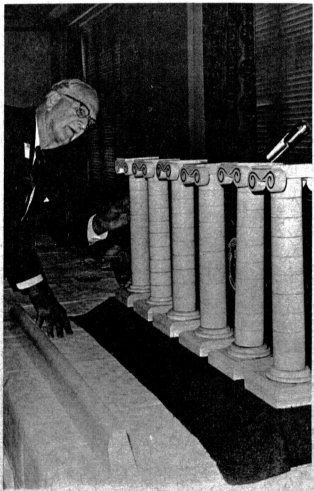
## AT THE ALUMNI LEADERS MEETING



Meeting before the Air Force-Tiger game were the deans of faculties of the two schools, both Columbia campus alumni, Brig. Gen. William Woodyard, left, and Dr. Herbert W. Schooling.



In Columbia for Alumni Association Board of Directors meeting were, left to right, John Schweitzer, Kansas City; Red Graham, Westport, Connecticut; and Mr. and Mrs. Bill Simons, Kansas City.



Victor J. Hinton, retired Joplin businessman, adjusts model of Columns he made and presented to Alumni Association for use as meeting centerpiece.



Visiting with Chancellor and Mrs. John W. Schwada, right, are Dr. and Mrs. Gerald Johnson, representing veterinary medicine. The Johnsons are from Independence, Mo.

# SPORTS

If this is a typical Missouri freshman football squad, there is somewhere on it an unheralded boy who is playing without benefit of scholarship—but who will get one before next season rolls around.

He's what the coaches call a "walk-on candidate," and usually one or more of his kind fight their way to varsity favor, while some of their more publicized high school stars never play a down.

Even so, Missouri coaches are pretty successful recruiters in all sports; so it is with more than passing interest that the real sports buff scans the list of freshmen scholarship recruits. He knows that future Tiger stars are there.

Among the 41 freshmen footballers receiving scholarship help are these 11, tabbed as above-average prospects:

Jack Bastable, 5-11, 190-pound halfback from Arlington, Illinois. A two-year all-stater, Bastable was rated one of the two best backs in the Chicago area and also is a good student.

Larry Frost, 6-2, 198-pound linebacker from St. Louis (Normandy). Frost was an all-metro selection on defense and also was a top fullback.

Scott Henderson, 6-1, 225, Kansas City (Oak Park). An all-state center for one of the top teams in the state, Henderson also is rated a prospect at tackle.

Mike Jeffries, 6-4, 220-pound quarterback from Alton, Illinois. An all-American in football and all-state in basketball, Jeffries is at Missouri on a dual scholarship.

Chris Kirley, 6-4, 215-pound tackle and end from Peoria, Illinois. Chosen captain of the all-state team, the strong, fast Kirley also is a

top-notch student and was regarded as the top high school lineman in Illinois.

Scott Nelson, 6-0, 190-pound halfback from Evergreen, Colorado. Nelson was a one-man track team for his high school, participating in five events, including the sprints and hurdles.

Bob Pankey, 6-1, 185-pound quarterback from Carbondale, Illinois. A two-time all-stater, Pankey was considered one of the three top high school signal callers in Illinois.

Pete Ramirez, 5-11, 210-pound linebacker from San Antonio, Texas. Ramirez is from the same high school that produced James Harrison, a member of the Tiger varsity.

Scott Sodergren, 6-0, 195-pound linebacker from Jefferson City. An outstanding student, Sodergren also won all-state grid honors.

Booker T. Washington, 6-2, 195-pound tailback from Galveston. One of the highly sought-after Texas athletes, Washington also was a track star.

Roger Yanko, a 5-11, 192-pound halfback from St. Louis (McBride). Yanko was named to the all-metro team as a defensive back and also led his team in scoring.

Seven others won Missouri all-state honors in one of the four divisions: Randy Weber, 6-2, 180, end, Raytown; Dan Nerling, 5-10, 200, halfback, Independence; Tom Kellett, 6-2, 185, linebacker, St. Louis; Dave Austin, 6-0, 180, quarterback, Joplin; Frank Caldwell, 6-1, 200, end, Shelby; Jay Ware, 6-0, 180, quarterback, Pleasant Hill; and Bob Larison, 5-10, 185, halfback, Weston.

Coach Norm Stewart, apparently moving ahead in his battle to restore Missouri to basketball respectability, recruited seven freshmen in

"the same mold of the boys who have won for me before."

He chose them on the basis of their ball handling, shooting ability, and mobility — and six of the seven are top students, too. Five are 6-5 or over, including two Missouri all-staters, John Brown, 6-7, of Dixon, and Bill Foster, 6-8, of Webster Groves.

"I wish they had more physical strength," says Stewart, "but strength can come; ability has to be there."

The other coaches may have help this year from some of their recruits, as freshmen are eligible for all varsity sports except football and basketball.

Track Coach Tom Botts has recruited 12 boys "of the type who will develop." He's especially high on Steven Wilson, of St. Louis, the state cross-country champion, who has run the mile in 4:15.8, and Mark Visk, of Palatine, Illinois, who won his state's two-mile with a time of 9:06.1.

Baseball Coach Hi Simmons likes the chances of John Anderson, a left-handed pitcher from Tabor, Iowa. Hap Whitney has two wrestlers who were state champions: Bob Dameron, of Kansas City (Oak Park), 120 pounds, and Joe Morell, of Wichita, Kansas, 180 pounds.

Swimming Coach Joe Goldfarb is proud of two high school all-Americans, breaststroker, Dennis Bush, of Peoria, Illinois, and the Missouri state diving champion, Larry Renfro, of Kansas City.

Two members of Jefferson City's state high school champions are joining Al Chandler's golfers. They are Tom McHenry, who was the individual high school champ in the state, and Bill Wells, the runner-up.

# 22

Receive

## Faculty-Alumni

# Awards

Eleven alumni and 11 members of the faculty of the University of Missouri-Columbia will be honored October 10 at the second annual Faculty-Alumni Awards dinner sponsored by the Alumni Association.

Purpose of the award program is three-fold:

- To recognize achievement at all levels by the faculty and alumni. Assistant, associate and full professors all are considered for their work as teachers, researchers and administrators. Alumni of all age levels are considered for both their potential and actual accomplishments in professional life and in service to the University.

- To focus attention on these persons, on their accomplishments, on their relationships to the University and on the relationship between faculty and alumni in promoting the best interests of the University.

- To bring together the recipients, their colleagues and other University and alumni leaders to express the pride and appreciation of the Alumni Association for these people and for the principle of service to higher education.

Others attending the dinner will be members of the Board of Curators, President John C. Weaver, Chancellor John W. Schwada, Columbia campus deans and members of the Alumni Association Board of Directors.

Dr. and Mrs. Schwada will hold a reception at the Chancellor's Residence before the dinner.

The honorees will receive framed citations and antique gold medallions specially struck for the award. Their names also will be added to a large wall plaque explaining the award and listing all the recipients which is installed in the Memorial Union.



Willis Alexander Jr.  
Exec. vice president, American Bankers Ass'n, New York City



John E. Bauman Jr.  
Associate professor  
Chemistry



Roy W. Harper  
United States district judge  
St. Louis, Mo.



Guy E. Noyes Jr.  
Senior vice president, Morgan Guaranty Trust, New York City



Milton D. Overholser  
Professor emeritus  
Anatomy



W. Roy Utz  
Professor  
Mathematics



Leroy Van Dyke  
Singer and recording artist  
Nashville, Tenn.



**Robert W. Broeg**  
Sports editor, St. Louis  
Post-Dispatch, St. Louis, Mo.



**Robert L. Burton**  
Associate professor  
Education



**Major William M. Constantine**  
United States Air Force  
Riverside, California



**G. Thomas Duffy**  
Associate professor  
Journalism



**C. Edmund Marshall**  
Professor  
Agronomy



**Charles E. Martin**  
Assistant professor  
Veterinary medicine and surgery



**Major Theodocia Meier**  
United States Army  
San Antonio, Texas



**M. Pinson Neal**  
Professor emeritus  
Pathology



**Charles W. Schwartz**  
Conservationist and artist  
Jefferson City, Mo.



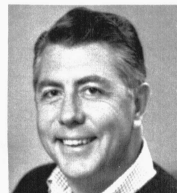
**Joseph A. Silvano**  
Professor  
Accountancy



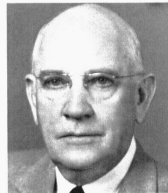
**Ronald E. Taven**  
Associate professor  
Horticulture



**Mrs. William C. Tucker**  
Businesswoman, civic leader  
Centerville, Mo.



**Mort Walker**  
Cartoonist  
Greenwich, Conn.



**A. R. (Bert) Waters**  
Chairman, The Carter-Waters  
Corporation, Kansas City, Mo.



**Mereca Williams**  
Associate professor  
Education

## High-risk Students Adjust

Last year's pilot program to aid 160 high-risk students was such a success that it is being continued during 1969-70.

The term, "high-risk," means that, according to past academic performance, the students were expected to have a greater amount of difficulty in staying in school. There were wide variations between many of the students' rank in their graduating high school classes and their scores on the national norms of a college aptitude test.

For instance, 57 per cent of these students were graduated in the top-third of their high school classes, but only 11 per cent placed in the top third of the aptitude test scores.

Ninety-seven per cent were in the top two-thirds of their graduating classes. On the college aptitude test, however, only 31 per cent placed that high.

The program was developed through the cooperation of the Financial Aids Office, the Testing and Counseling Center and the associate deans of the various campus divisions that admit freshmen.

Upperclassmen were made available to assist the 50 freshmen in a wide range of problems — academic, personal and bits-and-pieces information such as, "Where can I get used books?"

Throughout the program, the emphasis was on the adjustment to the university. How to study, how to organize one's time, how to outline, what to watch for in examinations, and similar problems were solved by the new students with the help

of their student assistants. Many received no actual tutoring during the semester as they had little trouble with grades.

If any large problems — beyond the ability of the student assistant — developed, the freshman was referred to the Testing and Counseling Service.

The results indicate that the effort paid off. Eighty-five per cent of the freshmen in the pilot program had grades which were substantially better than their earlier aptitude test scores had predicted.

## Fire Damages Greek House

Fire caused an estimated \$100,000 damage to the Alpha Gamma Rho fraternity house on College Avenue last month. The 12 men living in the structure at the time of the early morning blaze escaped uninjured.

Much of the first floor of the three-story house fell through to the basement, and there was heavy smoke and water damage to the upper floors of the building.

Fifty-six men were scheduled to live in the house this fall.

## Campus Veterans Organize

The Missouri Collegiate Association, an organization designed to serve the 800 military veterans on campus, was formed shortly before the fall semester began.

Dale Kindred, one of the founders of the group, said its purpose would be both social and political. The organization would seek benefits for veterans on campus, he said, while also maintaining a social program.

## Personal Membership Drive To Be Conducted in State

An ambitious membership drive in which every non-member of the Alumni Association who lives in out-state Missouri will be contacted personally, was announced by Membership Chairman Lloyd Turner, of Chillicothe, last month to the Board of Directors.

In addition to the personal solicitation, specialized mailings will be used in St. Louis, Kansas City, and Springfield. And there will be a divisional membership approach, as well as one general direct mail appeal.

"We're hoping the campaign brings in 6000 to 8000 new members," Turner said.

## Joint Seminars Planned

A series of 27 seminars for civic leaders and legislators throughout Missouri will be sponsored this fall as a joint venture of the alumni associations from the four campuses of the University.

"The University is aware that it — and higher education in general — has lost some favor with Missourians during the past two or three years," said G. H. Entsminger, vice president for University Development. "We feel that this is due in great measure to a lack of hard information about the University of Missouri and the services it performs."

Entsminger said the seminars not only would enable alumni and state leaders to obtain more information about the University, its services, organization, and educational mission, but also would provide a forum



for open discussion between the leaders and the office of the president.

"The seminars purposely are being kept small — about 25 persons — so real two-way communication is possible," Entsminger said.

The seminars, to be held between November 1 and December 15, will include three in St. Louis and two in Kansas City.

## Housing Shortage Forces Students to Daniel Boone

Thirty-eight women students are living in the Daniel Boone Hotel this semester and some 110 others who had also applied for University housing are living in private rooms and apartments because of a room shortage.

Although freshmen women normally are not allowed to live in unsupervised housing, those on the waiting list were permitted to do so with parental permission.

Harold Condra, director of housing, had informed those students still on the waiting lists by early September that housing was available at the Daniel Boone, Mark Twain Residence Hall, and Columbia Terrace Apartments. Costs at Mark Twain run from \$1400 to \$1490 for the academic year for room and board; at Columbia Terrace, \$600 per academic year for rooms; and at Daniel Boone \$40 to \$50 a month for rooms.

The University charges \$850 per academic year for room and meals. Space is available for 6370 students.

Meanwhile, at Stephens College, some 50 girls are living in the Tiger Hotel.

## Student Appearance Found Pleading by Board Members

John Pollitt, of Santa Barbara, California, and Red Graham, of Westport, Connecticut, were happily surprised when they returned to the Columbia campus last month for the meeting of the Board of Directors of the Alumni Association.

Pollitt, who represents the Far Western Region, and Graham, who represents the East, both were impressed with the appearance of the Missouri student.

"I've been on 15 Eastern campuses during the past year," said Graham, an IBM executive, "and you just wouldn't believe it. Somebody is doing something right here."

## Alumni Loan Aids Co-op

Templecrone, one of the oldest student co-operatives on campus, has moved into a new home at 1404 University Avenue with the help of a \$5000 loan from the Alumni Association.

The University owned the old Templecrone house at 701 Hitt and needed it for other purposes. When Templecrone was unable to come up with enough down payment for another home, the Alumni Association came through with the loan.

## To Honor Gwinn Henry

Football players and trackmen who were members of the late Gwinn Henry's Missouri teams will gather in Columbia November 8 to help honor the memory of their former coach, who will be made a member of the Missouri Sports Hall of Fame, posthumously.

Involved are players from the years 1923 to 1931. Also scheduled for that weekend is a reunion of the Tiger football teams of 1919-21. During that time, the Tigers compiled a record of 18-4-2. The reunion will be held in conjunction with the annual M-Men's luncheon.

On the afternoon of November 8, the 1969 Missouri gridders meet Oklahoma.

## Want Alumnus Added To Committee on Athletics

A plan to add an alumni member to the Committee on the Inter-collegiate Athletics on the Columbia campus has been unanimously endorsed by the Alumni Association Board of Directors.

The only University committee with alumni membership, the athletic governing group is now composed of five faculty members and two alumni. Originally, there were three faculty and two alumni. The new plan would increase the alumni membership to three.

## Chancellor Schwada Names Ethnic Minority Committee

A new ad hoc committee, ethnic minority studies, was among the campus-wide committees for this school year announced by Chancellor John W. Schwada.

The committee is charged "with studying and reviewing the concerns of ethnic minorities on campus," the chancellor said, "and the development of academic programs to reflect the history and cultural contributions of ethnic minority groups."

## **French Chemist on Campus**

Dr. Bernard M. Claudel, internationally known physical chemist with the Institute for Research on Catalysis in Lyon, France, joined the Columbia campus faculty this fall as a National Science Foundation fellow.

He will be working with Dr. Vin Jang Lee, associate professor of chemical engineering and authority on heterogeneous catalysis. The two noted scientists met at the International Congress in Amsterdam in 1964.

Claudel's principal work has been in the field of catalysis, the science which concerns the roles of catalysts in chemical reactions, and semiconductor catalysts. He will remain in Columbia until July 31, 1970.

## **Residency Plan Available**

Seven College of Engineering faculty members are spending 12 to 15 month residencies in private industry or government through a program of the ASEE-Ford Foundation Residencies in Engineering practice. Originally sponsored by the Ford Foundation, it is now conducted by the American Society for Engineering Education.

The objective of these residencies is to place engineering teachers in industrial positions where they can actively participate in planning and execution of engineering activities which are strongly influenced by manufacturing, marketing, and finance.

Recipients of the residencies and their respective companies are: Dr. Richard Angus, Sun Oil Co.; Marcus Hook, Penn.; Dr. Jack Winnick, Air

Research Corporation, Los Angeles; Dr. James Baldwin, Rust Engineering, Pittsburgh, Pa.; Dr. John Cassidy, Bureau of Reclamation, Boulder, Colo.; Dr. Carmelo Calabrese, Electric Boat Division, General Dynamics Corp., Groton, Conn.; Dr. John Miles, General Electric Co., Schenectady, N.Y.; Dr. John Solmons, Wilson Concrete Co., Omaha, Neb.

## **New Professorship Added**

A professorship in electric power engineering has been established through funds provided by the investor-owned electric power companies of Missouri.

Besides establishing and maintaining the professorship, the support also provides for student assistantships, secretarial help, and travel expenses for the first five years of the program.

It will be directed by Dr. James R. Tudor, professor of electrical engineering, who has been named "Missouri Electric Utilities Professor of Power Systems Engineering."

The purpose of this expanded program is to encourage superior engineering students to choose careers in power systems engineering.

He pointed out that the use of electric energy in the U.S. is now doubling every 10 years or less and the demand is not expected to level off until the year 2200.

"If we're to meet this demand," he said, "it is vitally important that we point many of our best engineering students toward careers in the electric power area."

The power companies will be credited with participation in the University Development Fund.

The participating companies included Arkansas-Missouri Power Co., Blytheville, Ark.; Empire District Electric Co., Joplin; Kansas City Power and Light Co., Missouri Edison Co., Louisiana; Missouri Power and Light Co., Jefferson City; Missouri Public Service Co., Kansas City; Missouri Utilities Co., Cape Girardeau; St. Joseph Light and Power Co.; Union Electric Co., St. Louis.

## **Symposium for Engineers**

In a continuing effort to let engineers and manufacturers know the current extent of their legal liabilities under U.S. accident law, the College of Engineering on the Columbia campus is sponsoring, with the School of Law, the second symposium on product and professional liability, Oct. 30-31.

## **Bratten Added to Faculty**

The Columbia campus College of Engineering has added Melvin O. Bratten to the faculty as associate professor of industrial engineering and associate professor of radiological sciences.

Dr. Bratten has been assistant professor of forest biometry and lecturer in mathematics at Duke University, Durham, N.C., since 1965. From 1961 to 1965 he did research at North Carolina State University, Raleigh, in statistics, where he received his PhD in statistics. He received his BS and MS in agronomy. He has done post-doctoral work at the University of California-Los Angeles.

## Professor Murphy Retires

A 24-year faculty member of the College of Engineering, Lindon J. Murphy, retired with the title of professor emeritus this fall.

Murphy, professor of civil engineering, joined the College as associate professor in 1946 and was promoted to full professor in 1949. Prior to coming to the University, he was in the public health engineering field with the U.S. Public Health Service, the Corps of Engineers, the Foreign Operations Administration, and the World Health Organization.

## Summer Institute Held

Some 132 high school students participated in a two-week summer institute in Columbia, "Introduction to Engineering and Computer Programming."

The summer institute was one of a series of two-week institutes sponsored by the College of Engineering designed to teach engineering computer usage to academically talented high school students with a potential interest in engineering. This is the fourth year of the summer institute which has financial support from leading Missouri and national industries.

## Heart Valves Investigated

A three-year bioengineering study at the University of Missouri-Columbia, suggests that biological heart valves, if first preserved in formaldehyde, may perform more satisfactorily than fresh valves.

Supported in part by a U.S.

Public Health Service grant, the study sought to develop methods for preparing, sterilizing, and preserving biological aortic valves. It was conducted jointly by the School of Medicine and the College of Engineering.

Although surgically installed mechanical valves enable many heart patients to live normal lives, some physicians feel the the implanting of natural valves reduces the risk of blood clotting and late infection.

The problem, of course, is the limited supply of donors and the preservation of heart valves for future use.

The Missouri investigators studied the performance of animal heart valves, both fresh and preserved, with a high-speed testing device designed by Ross D. Young, an associate professor of mechanical engineering on the Columbia campus.

"We've needed a machine," he said, "that would open and close the valves realistically but still operate fast enough to complete the tests in a reasonable length of time."

They built their own after a search of the medical literature showed that no such accelerated testing of biological heart valves had been carried out by other researchers.

In high-speed tests conducted by the bioengineering team, heart valves preserved in 10 per cent formaldehyde lasted seven times longer than fresh heart valves.

Professor Young emphasized that the engineering objective was to compare the performances of heart valves preserved and sterilized by different methods.

"And for this purpose," he said, "our high-speed pulse duplicator is extremely useful."

## alumni association

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- Southeastern — Howard Broemelsick, Memphis, Tenn.
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- Nursing — Mrs. William B. England, Affton
- Veterinary Medicine — Dr. Gerald Johnson, Independence

### EX OFFICIO MEMBERS

- Jean Madden — director of Alumni Activities
- Steve Shinn — director of Alumni and Development Publications
- G. H. Entsminger — vice president for University Development

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## Student Style Setters / 6

It's a pretty clean-cut group of students on the Columbia campus, and here's a picture presentation of typical fall fashions to prove it.

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## Class Notes / 9

Here's a 16-page section which includes news about your fellow alumni, as well as book reviews, letters to the editor, and a calendar of upcoming events for alumni and on campus.

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## Sports / 25

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## 22 Receive Faculty-Alumni Awards / 26

Eleven faculty members and 11 alumni are honored for their professional achievements and service to the University.

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## Around the Columns / 28

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**THE COVER:** A portrait of Elmer Ellis, president emeritus of the University, was presented Dr. and Mrs. Ellis last month as a gift of the Alumni Association. B. W. Robinson, left, former president of the Association, made the presentation. The portrait, painted by St. Louis Cardinal outfielder Curt Flood, temporarily is being displayed on the first floor of the Memorial Union.

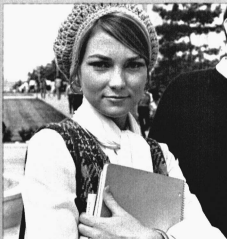
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