



Zeta's Exposition Archway

**T
H
E**

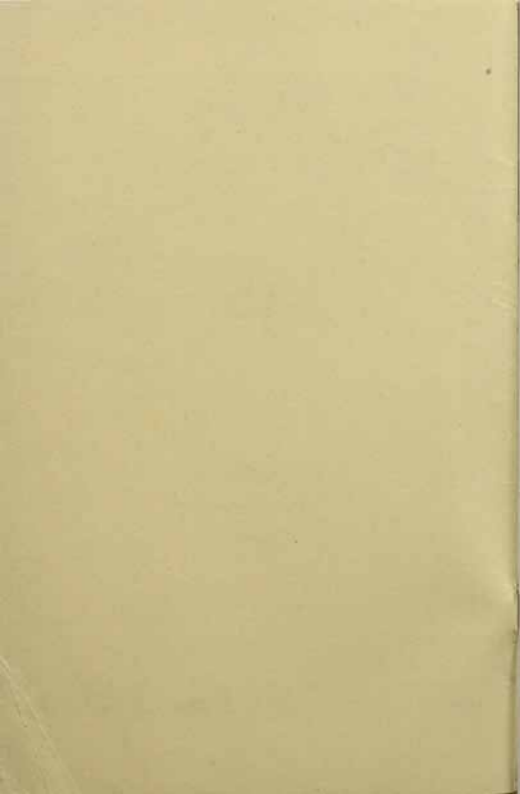
**G
E
A
R**

FALL 1953

Volume XLIII

Number 1

of THETA TAU



The GEAR *of*
THETA TAU



FALL, 1953

VOLUME XLIII

NUMBER 1

Theta Tau Fraternity

Founded at the University of Minnesota October 13, 1904

FOUNDERS

ERICH J. SCHRADER

ISAAC B. HANKS

W. MURRAY LEWIS

ELWIN L. VINAL

EXECUTIVE COUNCIL

- JAMISON VAWTER, Zeta '16 *Grand Regent*
307 Civil Engineering Hall, University of Illinois, Urbana, Ill.
- A. D. HINCKLEY, Theta '27 *Grand Vice Regent*
90 Morningside Dr., New York 27, N. Y.
- ERICH J. SCHRADER, Alpha '05 *Grand Scribe*
Box 244, Reno, Nevada
- PAUL MERCER, Omicron '21 *Grand Treasurer*
1415 Grand Ave., Keokuk, Iowa
- J. M. DANIELS, Nu Honorary '22 *Grand Marshal*
Carnegie Institute of Technology, Pittsburgh, Pa.
- NICK TRBOVICH *Grand Inner Guard*
4225 Ivy St., East Chicago, Ind.
- ROBERT L. NOXON *Grand Outer Guard*
3214 N. Priscilla Ave., Indianapolis, Ind.

DELEGATE AT LARGE

- D. D. CURTIS, Omicron Honorary '19 *Past Grand Regent*
Clemson, S.C.

THE GEAR OF THETA TAU

- P. L. MERCER, Omicron '21 and J. W. HOWE, Omicron '24 *Editors*
Engineering Building, Iowa City, Iowa

ALUMNI ASSOCIATIONS AND CLUBS

- Central Ohio*—J. K. Dumbauld, 886 Oxford Street, Worthington, Ohio
- Chicago*—Nick Trbovich, 4225 Ivy Street, East Chicago, Ind.
- Cleveland*—James R. McKinney, 715 Union Bldg., Cleveland 15, Ohio
- Intermountain*—J. W. Jenkins, P. O. Box 403, Salt Lake City, Utah
- Kansas City*—Donald L. Flanders, 5007 Wyandotte, Kansas City 2, Mo.
- Los Angeles*—Ben E. Gumpertz, 5715 Sunnyslope, Van Nuys, Calif.
- National Capitol*—Charles F. Myers, 106 N. George Mason Dr., Arlington, Va.
- Northwestern*—Geo. T. Hanson, 706 Locust St., Anaconda, Mont.
- Twin City*—Remus N. Bretou, 324 Walnut St., S.E., Minneapolis 14, Minn.
- Southwestern*—Robert L. Houston, University of Arizona, Tucson, Ariz.
- Louisville Alumni Club*—c/o Theta Tau, 2022 S. First St., Louisville, Ky.
- Fort Wayne Alumni Club*—Robt. J. Winner, 1655 Broadway, Ft. Wayne 2, Ind.
- Little Rock Alumni Club*—Nathan A. McDaniel, 2521½ Kavanaugh, Little Rock, Arkansas

MEMBERS OF THE PROFESSIONAL INTERFRATERNITY CONFERENCE

ARCHITECTURE, Alpha Rho Chi, Alpha Zeta. CHEMISTRY, Alpha Chi Sigma. COMMERCE, Alpha Kappa Psi, Delta Sigma Psi. DENTISTRY, Delta Sigma Delta, Phi Lambda Kappa, Psi Omega, Xi Psi Phi. EDUCATION, Kappa Phi Kappa, Phi Delta Kappa, Phi Epsilon Kappa, Phi Sigma Psi. ENGINEERING, Theta Tau, Sigma Phi Delta. JOURNALISM, Sigma Delta Phi. LAW, Gamma Eta Gamma, Delta Theta Phi, Phi Alpha Delta, Phi Beta Gamma, Sigma Delta Kappa. MEDICINE, Alpha Kappa Kappa, Nu Sigma Nu, Phi Beta Psi, Phi Chi, Phi Delta Epsilon, Phi Lambda Kappa, Phi Rho Sigma, Theta Kappa Psi. PHARMACY, Kappa Psi.



Chapters

- ALPHA, *Founded October 13, 1904* - - - - University of Minnesota
(Chapter house) 324 Walnut St., S. E., Minneapolis, Minn.
- BETA, *Established March 26, 1906* - Michigan College of Mining and Tech.
(Chapter house) 1405 College Ave., Houghton, Michigan
- GAMMA, *Established November 3, 1907* - - - - Colorado School of Mines
c/o Prof. George W. Lemaire, Colo. School of Mines, Golden, Colo.
- DELTA, *Established May 23, 1911* - - - - Case Institute of Technology
Theta Tau Box, Case Institute of Technology, Cleveland, Ohio
- EPSILON, *Established May 4, 1911* - - - - University of California
Theta Tau Box, Hearst Mining Bldg., Univ. of Calif., Berkeley, Calif.
- ZETA, *Established April 17, 1912* - - - - University of Kansas
(Chapter house) 1602 Louisiana Street, Lawrence, Kansas
- THETA, *Established May 26, 1914* - - - - Columbia University
c/o Prof. Walter LaPierre, Col. of Eng., Columbia University, New York City
- IOTA, *Established February 3, 1916* - - - - Missouri School of Mines
c/o Prof. J. B. Butler, Missouri School of Mines, Rolla, Mo.
- LAMEDA, *Established April 29, 1920* - - - - University of Utah
c/o George W. Carter, College of Engineering, Univ. of Utah, Salt Lake City
- MU, *Established January 3, 1922* - - - - University of Alabama
P. O. Box 2043, University Alabama
- XI, *Established January 13, 1923* - - - - University of Wisconsin
c/o Dr. G. A. Rohlich, 9 Hydraulics Laboratory, Univ. of Wis., Madison, Wis.
- OMICRON, *Established February 3, 1923* - - - - State University of Iowa
Theta Tau Box, Engineering Building, Iowa City, Iowa
- PI, *Established May 26, 1923* - - - - University of Virginia
c/o Prof. H. L. Kinnier, Col. of Engr., University of Virginia, University, Va.
- RHO, *Established February 16, 1924* - N. C. State College of Ag. and Eng.
c/o Prof. T. C. Brown, M.E. Dept., N. C. State College, Raleigh, N. C.
- SIGMA, *Established November 29, 1924* - - - - Ohio State University
(Chapter House) 1946 Indianola Avenue, Columbus, Ohio
- TAU, *Established December 12, 1925* - - - - Syracuse University
Theta Tau Fraternity, Col. of Eng., Bldg. 6, Syracuse U., Syracuse 10, N.Y.
- UPSILON, *Established April 7, 1928* - - - - University of Arkansas
(Chapter House) 612 Storer St., Fayetteville, Arkansas
- PII, *Established April 21, 1928* - - - - Purdue University
(Chapter house) 416 North Chauncey, West Lafayette, Indiana
- CHII, *Established April 23, 1930* - - - - University of Arizona
Theta Tau Box, Engineering Bldg., University of Arizona, Tucson, Ariz.
- PSI, *Established May 7, 1932* - - - - Montana School of Mines
Theta Tau Fraternity, Care of Montana School of Mines, Butte, Montana
- OMEGA, *Established March 26, 1932* - - - - S. Dakota School of Mines
(Chapter house) 107 Kansas City St., Rapid City, S. Dak.
- GAMMA BETA, *Established March 16, 1935* - George Washington University
Student Union Office Bldg., George Washington Univ., Washington, D. C.
- DELTA BETA, *Established May 20, 1939* - - - - University of Louisville
(Chapter house) 2022 S. First St., Louisville, Ky.
- EPSILON BETA, *Established May, 19, 1931* - - - - Wayne University
c/o Prof. Harold G. Donnelly, College of Engr., Wayne Univ., Detroit, Mich.

The Grand Regent Says



In this, the fiftieth year of the existence of our fraternity, I wish to extend my greetings and best wishes to all members of Theta Tau. The next convention will be held in Minneapolis on Oct. 14, 15, and 16 and at it we will celebrate our fiftieth birthday. Let us all try to make this occasion a great success.

It has been suggested that each chapter hold an anniversary banquet as near as possible to the date of their chartering and I hope that all alumni who are able to do so will visit their chapter at that time.

In this fiftieth anniversary celebration we should keep in mind that we are not only celebrating our half century of growth but also we are honoring Erich J. Schrader, one of our founders, and one who has given fifty years of continuous service to Theta Tau. Without his efforts Theta Tau would not be what it is today.

Let us follow his example and all of us work for the good of our fraternity and continue to work in harmony.

In H and T,
Jamison Vawter
Grand Regent

Zeta Builds an Archway

by

Bob Pope, Zeta '52

For the University of Kansas Engineering Exposition in the spring of 1955, Zeta Chapter followed its tradition and volunteered to build the entranceway for the Exposition.

This time the Entranceway was to be greater than the previous years' entranceways which had been in the form of an enormous gear wheel in 1951 and a huge slide rule in 1952. The idea for this year's entranceway originated in the fertile mind of Glenn Anschutz, Zeta '50, who had resumed active status at the beginning of the spring semester, 1953, when he returned to K.U. to do graduate work and to serve as instructor in the Civil Engineering Department. Glenn developed this design from a tower which he had once seen. The novel feature of this design was the fact that the wooden compression members were connected only by wire members in tension.

The idea was unanimously approved and immediately models of sections of the proposed archway began to appear



The Archway takes form on the ground before the units are lifted into position. At work are Harold Dougherty, Milton Sills, Larry Merrigan, Don Lloyd, and George Holyfield.



Milton Sills, Glenn Anschutz, and Tom Oliver work on the Archway as other Zeta Chapter men and passersby look on.

around the Zeta house. One model of the complete archway was built, in fact. But being the product of a chemical engineer, it was rather unstable and placed more than a shadow of a doubt on the entire plan. But Glenn and the other civils were convinced that the design was good, and some suggested, in fact, that concrete letters about a foot high could be suspended from the arch. However this idea was discarded, and instead, aluminum-painted letters were used to spell out "Engineering Exposition".

Work on the actual Archway was slow getting underway and no actual work was begun before the Chapter Meeting Monday evening before the Exposition which was to begin on Friday. But Zeta men have a habit of getting things done, and setting Thursday noon as the deadline for finishing the project, the actives and pledges united forces, and construction of the individual units made of 2x4 and 2x2 lumber was begun.

Since the base units on each side were about eight feet across, these "jacks" rather dominated the scene in the backyard as the parking lot

flood light was used to permit work after dark. Despite the late start, however, the combined efforts of the actives and the pledges made it unnecessary for anyone to lose sleep to get the Archway completed.

After being painted a bright orange, these units were moved to the front of Marvin Hall, one of the engineering buildings. There, in the face of strong winds and sub-normal April temperatures, the erection of the Archway was



Glenn Anschutz works in front of the entrance to Marvin Hall as he tightens the final tension members.

begun. And questions from interested passersby, engineers and non-engineers alike, began coming thick and fast. "What is it?" being the most common, and "It'll never fly" a common "smart" remark. Actually, some of the less confident of our men were wondering if it would even stand.

But it did stand, and it was completed only a couple of hours after the established deadline, and well ahead of the opening of the Exposition on Friday morning.

Since the Kansas Relays were held the same week end, it was suggested that as a publicity stunt, the Queen of the Relays should be photographed while seated atop the Archway. Although this plan failed to materialize, the Archway did support two of our heavier actives at one time.

Despite the high winds which caused us to attach unneeded guy wires to the Archway, and the possibility of sabotage by the K.U. lawyers, the Archway stood solidly throughout the Exposition — a tribute to the engineering ability of the men of Zeta Chapter.

Finally, on the next Monday evening, the Archway was brought down when Brother Anschutz cut a single wire, and another Zeta Chapter project was history.

Charles J. Vierck Author of Revised Text

Charles J. Vierck, Omicron '29, is the major revision author of McGraw-Hill's new edition of French's **ENGINEERING DRAWING**. He is professor of engineering drawing at Ohio State University and has worked for many years with the late Thomas E. French, author of the original text which was first published in 1911.

Under Brother Vierck's guidance, the seventh edition has undergone a revised arrangement of material and chapter order, with the inclusion of new material such as the new standards for threads, rivets, and welding, as well as the new geometrical methods and architectural systems.

Plans Shaping Up For Theta Tau's Golden Anniversary

by

Alex Kovalchuk

Theta Tau is now rounding out its fiftieth year. When the anniversary date rolls around next fall, the Fraternity will celebrate its Golden Anniversary in Minneapolis, the place of its founding. The Twin City Alumni Association has accepted joint responsibility for the celebration which is the chief topic of conversation around the Twin Cities these days. The local committee headed by Joe Skovholt and consisting of Bob Lunn, Walt Manson, Remus Bretoi, Alex Kovalchuk, and Tom Leonard, has already selected the site of the Convention which shall be headquartered at the Dyckman Hotel in Minneapolis.

The greatest steps in this planning were accomplished at this year's Founders' Day Banquet on October 11, which was held at the same Dyckman Hotel. At that time Brother Herman Hopkins, National Convention Chairman, was present to discuss plans with the Twin City Alumni members and members of Alpha Chapter. Two letters plus a personal phone call to all members was the method employed to gain the participation at the banquet of 61 Theta Tau's ranging in age from Walter Wheeler, Alpha No. 10, to the most recent initiate, Bob Frigaard, Alpha No. 616. We hope that all of the chapters as well as the alumni associations are reminding members of the time and place of the Golden Anniversary Celebration so that everyone, near and far, will plan to attend.

The officers who will guide the



"Hap" talks to T. C. Alumni

Twin City Association in this critical year are: Robert Lunn, Pres.; Walter Manson, Vice-Pres.; Alex Kovalchuk, Sec.-Treas.; and Board Members Henry Eggers and Remus Bretoi.

Each chapter has been asked by the Grand Regent to hold an anniversary banquet this year on or near the date of its founding. National officers will be present, in so far as possible, to help build up enthusiasm in the Anniversary year.

The Twentieth Biennial Convention is to be held in mid-October rather than at Christmas time next year so as to provide a fitting environment for the Golden Anniversary Celebration. This will make possible the attendance of more delegates, actives, and alumni than could attend separate functions and will afford a maximum opportunity for historical displays, presentation of notables in the Fraternity, and other anniversary ceremonies.

See you all in Minneapolis October 14-16, 1954!

Theta Initiates Eminent Engineer

by John D. Leahy,

Scribe of Theta Chapter



Edmund A. Prentis

Theta Chapter at Columbia University is proud to have initiated a very eminent engineer as an honorary member of Theta Tau on April 27, 1953. Edmond Astley Prentis, Columbia School of Mines, '06, for many years has been notably successful both as a mining and civil engineer.

Mr. Prentis was born in New York City in 1883. After graduation from the Columbia School of Mines (now the School of Engineering), Brother Prentis was somewhat of an adventurer for several years, working as a mining and civil engineer in Mexico and South America. He was fazed only by a number of revolutions, the immediate result of which was to con-

vince him that there certainly was no place like home. Thus he began work on the New York City subway construction. It was while working with shovel and pick in the excavations that he formulated his famous "Pre-test Underpinning System", which was to revolutionize underground construction and bring fame to Brother Prentis.

Among the many accomplishments of Mr. Prentis, we may note that he is the author of several books on underpinning, that many of the locks and dams on the Mississippi were built under his supervision, and that he was recently a consultant in the reconstruction of the White House in Washington D.C. Mr. Prentis is the Senior Partner of the reputable construction company of Spencer, White and Prentis, Inc. of New York City.

Besides this eminence in his professional work, Brother Prentis for many years has devoted himself to service to both the community and Columbia University. This is evidenced by the following offices held: past president of the American Standards Association; director of A.S.C.E. (1948-49); past president of the Alumni Federation of Columbia; and alumni trustee of Columbia. He is a member of Sigma Xi, a member of the New York Historical Society, and the recipient of the 1950 Egleston Medal, awarded annually for distinguished engineering achievement by the Columbia Engineering Alumni Association.

Golfer: "I think you are the worst caddy in the world."

Caddy: "Oh no, sir! That would be too much of a coincidence."

Assistant Secretary of Interior Is Theta Alumnus

There was rejoicing on the Columbia Engineering School campus last spring, with the Theta Chapter actives most vocal, following the announcement April 24th that Felix E. Wormser, Theta '16, had been invited by President Eisenhower to come to Washington as Assistant Secretary of the Interior. A well-known figure in the mining field, Mr. Wormser was, until his Washington appointment, Vice President of the St. Joseph Lead Company.

Brother Wormser has made outstanding contributions to the minerals industries and to the engineering profession. He is a member of the Advisory Committee of the Munitions Board-non-Ferrous Metals; the War Production Board; the Primary Lead Producers Industry Advertising Committee; the American Institute of Mining and Metallurgical Engineers (at one time serving as its president); the Society of American Military En-

gineers; The Society of Automotive Engineers; a Fellow, A.A.A.S., and vice president of the Mining & Metallurgical Society of America.

He began his professional experience in engineering directly after graduation, joining the Coenucopia Mines Company of Oregon as a mining engineer. In 1917 he became a United States Mineral Surveyor, in 1918 he served as 2nd Lt. Engineer Officers Reserve Corps, United States Army, and in 1919 he was in the employ of the United States Bureau of Mines. From 1920 to 1921 he was a member of the editorial staff of the McGraw-Hill Company and a consulting mining engineer from 1921 to 1947.

Brother Wormser became Secretary-Treasurer of the Lead Industries Association in 1928, which office he held until 1947. Since 1927 he has been Vice President of St. Joseph Lead Company and also since then, been



Wormser, with well known statesman, and F. K. Sanderson, White House assistant

President of the Lead Industries Association.

Felix E. Wormser was graduated from Columbia in the class of 1916 with the degree Engineer of Mines. Since graduation he has been active in the affairs of the university and in the Alumni Federation. On August 12, 1949, Mr. Eisenhower, then heading Columbia University, asked Mr. Wormser to accept the Chairmanship of the School of Engineering Development Program. Brother Wormser accepted the assignment and it marked the beginning of his continuous association with this major Columbia Engineering Center development. He has enlisted a distinguished group of engineers who have carried on this program for the past three years. He has, in

addition to his task of organizing the campaign, done a yeoman's job of solicitation among individual and corporate contributors, speaking on many occasions to groups of alumni in New York and many other centers in the country. His most diligent efforts on behalf of the Engineering Center provide an atmosphere of morale and encouragement which are prerequisites to the fulfillment of this great undertaking.

In 1933 Mr. Wormser was awarded the Columbia Alumni Medal; he is a member of the Society of Older Graduates and a past President of the Columbia Engineering Alumni Association. He is a member of the Mining Club of New York City and the Army & Navy Club of Washington, D.C.

NPA Advances G. Harrison Echols



After serving with the National Production Authority since 1951, G. Harrison Echols, Pi '24, has been

named Director of the Consumer Durable Goods Division. His major function during the past two years was the handling of manufacturers' appeals for base period adjustments and priorities, and the administration of the consumer goods order, M-47B.

Immediately before entering NPA, Brother Echols was engaged in consulting work in New Orleans. Previously he had been General Manager of Anco Division of General Aniline and Film Corp. in Binghamton, New York. Prior to that he had worked for the Freeport Sulphur Co. and had spent nine years with General Motors Corporation, including three years in Bombay with GM's automotive assembly plant.

Mr. Echols is the son of William H. Echols, former professor of mathematics at the University of Virginia.
Virginia Alumni News

Thomas Melrose Receives Scholarship

Thomas Melrose, Psi '53, was the recipient of the Coulter Foundation Scholarship presented at the 1953 Commencement exercises of the Montana School of Mines. The Viola Vestal Coulter Foundation, established by Montana Mines alumnus William J. Coulter, Manager of the Climax Molybdenum Mine in Colorado, provides an annual scholarship in the sum of two hundred dollars. The scholarship is restricted to junior and senior men who have earned a grade point average of at least 1.75 during their freshman and sophomore years, and who, during those years, have been awarded at least one letter in athletics.

Last fall Brother Melrose also won the ROTC Convair Cadet Award. This award is given to one cadet in each ROTC detachment who has demonstrated outstanding ability as a cadet in the past year.

Brother Melrose has been outstanding in sports. He is a four-year letter-

man in baseball and basketball. The student body has elected him to three posts in student government: delegate



to the student council, vice president of the student body, and last year he was elected president of the Associated Students of the School of Mines.

Leonard H. Krill Rushes Jet Plant Construction

Using standard sizes and kinds of building materials, the Leonard H. Krill Co., Cleveland, took just 69 days from the time workmen dug footings until production units were set into operation in one corner of Thompson Products new jet parts plant in Willoughby, Ohio. Heading the firm that built the factory are Len Krill, Delta '20, president, and James W. Crall, Delta '34, vice president.

Brothers Krill and Crall started the construction firm in the depths of the depression, and through their policy of going out to meet the customer, have brought several new industries

to the Cleveland area. The \$2,500,000 Thompson plant with its 180,000 square feet of floor space is only one of the several buildings the Krill Co. has constructed recently.

Krill is a native Clevelander, and his offices in a remodeled stable at 2169 E. 33rd St. are directly across the street from the house his father lived in when he first came to the United States from Germany. Crall is an artist as well as an engineer, having financed a trip around the world when he got out of school by selling paintings to pay his way.

Care Alumnus

M. A. Stiller Demonstrates Lathe

An international exchange of information is accomplished, as U.S. Army 2d Lt. M. A. Stiller, Omicron '52 (left), watches while Maj. Jan A. Vanos, engineer-inspector of the Netherlands Army, looks at a lathe in the Rhine Engineer Depot, Kaiserslautern, Germany. This inspection was for the purpose of enabling Maj. Vanos to set up a similar unit in his own country.

In civilian life Brother Stiller worked for the Union Electric Power and Light Company, St. Louis. His parents, Mr. and Mrs. Herman P. Stiller, live in St. Louis at 6747 Wise Ave., and his wife, Kathryn, lives at 2180 Eighth Ave., Marion, Iowa. Mail sent to either address would be forwarded to him.



Lt. Milton Stiller shows Dutch Major shop operations

Beta Chapter Named In Honors Day Program

Honors Day at Michigan Tech provides that organizations, local or national, all organized houses, which have an average scholarship at least 1.5 points above the all-men's average, are entitled to the privilege of being named in the Honors Day Program. At the 1953 Convocation, Beta chapter of Theta Tau was so honored. Highest honors for four years were

given to Brother Wayne W. Bidstrup who had a four-year average of 95.149. Department Honors in Civil Engineering were earned by Brother Robert L. Mousner. Philip R. Michel received a cash award from the Universal Oil Products Co. Twelve members of Beta Chapter were members of Tau Beta Pi.

Jack Dumbauld's Daughter "Miss Illinois"

Miss Jacqueline Dumbauld, daughter of Jack K. Dumbauld, Sigma '32, was recently honored by being chosen "Miss Illinois of 1933" to represent the state of Illinois in the Miss America Pageant at Atlantic City this summer. "Jackie" (as she is known to her many friends) is a 1932 graduate of the Worthington (Ohio) High School. While a student at Worthington High she was a member of the hockey team, a drummajorette, cheerleader, Track Queen, and in 1930 was chosen "Teen of the Week" by the *Columbus Citizen*. She is now attending Monticello College at Alton, Illinois, where she has a scholarship.

The Columbus Citizen



James D. Bump Made President of Paleontology Society

James D. Bump, '29, a charter member of Omega Chapter and professor of paleontology at South Dakota School of Mines, this year was elected national president of the Society of Vertebrate Paleontologists.

The fall following his graduation from S.D.S.M.&T., Brother Bump returned to his alma mater as Museum Collector and Preparator. The museum at the School of Mines has developed into one of the best geological museums

in the country because of the work of Jim Bump, who is now its director.

As a member of the Society of Vertebrate Paleontologists, he was editor and co-author of their Guide Book to the Fifth Field Conference and was lecturer at that conference. He will preside over the meetings of the National Conference this fall. James Bump has added a great deal to the history of the South Dakota area and his work in this field will be known for a long time to come.

Robert J. Lunn Heads New Lab

Robert J. Lunn, Alpha '40, director of research and development for Donaldson, Inc., manufacturer of air cleaners and mufflers, will be in charge of a new laboratory which the com-

pany is building. The laboratory will have 12,000 square feet of floor space and will occupy a 22-acre site south of St. Paul, Minn.

Alpha Alumnus Heads Minnesota Professional Engineers

W. L. Hindermann, Alpha '29, is the new president of the Minnesota Society of Professional Engineers. "Hindy", as he is known to a host of engineers across the country, currently is district engineer in the Midwest district of the national Asphalt Institute.

Brother Hindermann has a strong educational background and varied



work experience which fit him well for the presidency of the M.S.P.E. After receiving his Bachelor of Science degree and Master of Science in Civil Engineering from the University of Minnesota, he joined the Minnesota Highway Department, working both in the laboratory and in the field. From 1930 to 1942 he was senior laboratory chief, Division of Materials and Research, where he was in charge of the physical laboratory and other work. From 1942 to 1945 he was a Lt. Commander in the Navy, assigned as Divi-

sion Officer in the Air Department of the Aircraft Carrier USS Randolph.

After the war "Hindy" rejoined the Minnesota Highway Dept. as bituminous engineer, serving as administrative assistant in the field of bituminous construction, preparing specifications and plans for bituminous work. He also served in a consulting capacity to the department's district engineer and to county highway engineers, in the preparation of recommendations, specifications, and supervision of bituminous work.

In 1951 Brother Hindermann became associated with the Asphalt Institute, his work consisting of engineering, research, and development organization for the refiners of asphalt.

He lives in St. Paul and has a daughter and two sons, one of whom will enter the Institute of Technology at the University of Minnesota this fall. For hobbies—when he finds time—he goes in for hunting, fishing, and a variety of sports.

The Professional Engineers of Minnesota have chosen as their leader a man who is well aware of the responsibilities of his profession to society. He says, "An engineer must not only be qualified intellectually; he must first qualify socially in the eyes of the public if he is to enjoy success."

Minnesota Engineer

Fred Enke Honored

Fred Enke, Alpha '21, who will this year pilot basketballers through his 29th season of coaching at the University of Arizona, was honored in August when Arizona's all-star high

school football and basketball games were dedicated to him. These prep contests are an annual event of state-wide interest. Brother Enke lives at 2427 E. 3rd St., Tucson, Arizona.

Tom Kennedy Receives Diploma at Hospital



Tom and Florence Kennedy pleased with special delivery service

Because Pvt. Thomas G. Kennedy, Delta '53, couldn't attend commencement ceremonies in June at Case, Dr. T. Keith Glennan, president of the Institute, personally delivered the soldier's diploma to him at Walter Reed Hospital, Washington, D.C.

When Brother Kennedy was drafted into the army last January, he was two weeks short of finishing his degree requirements. College officials permitted him to take early examinations and it was expected that he would have leave from the army to attend commencement. However, he was injured by the explosion of a hand gre-

nade during a training accident at Ft. Leonard Wood, Mo. and was rushed to Walter Reed Hospital where every effort was made to save his sight. The explosion blinded one eye and severely injured the other.

An interested observer at the presentation of the diploma was Kennedy's wife, Florence, who is a nurse. She has been with him constantly since the accident. Kennedy was business manager of the *Case Tech* during the first semester of his senior year. At the time of his accidental blinding, he was a candidate for officers' candidate school. *Case Alumnus*

"Pop" Harrington In Nursing Home

Professor T. H. Harrington, Theta Hon., who was for many years up to his retirement in 1933, Theta Chapter's adviser, recovered from an illness last spring and since that time has been in

a nursing home. His many friends might like to send messages to him care of Mrs. F. R. Dann, 101 Prospect Street, White Plains, N.Y.

William Winslow Describes Life in South America



William G. Winslow, Delta '39, thinks there is a lot of room in South America for the engineer who is ambitious and willing to work hard. Brother Winslow, a resident of Sao Paulo since 1941, fills the requirements on both counts. He is the South American sales representative for the Reliance Electric and Engineering Co. and the Electric Machinery Manufacturing Co. and the Brazilian sale chief for the Falk Corp. Winslow also owns and operates the Waldorf Cleaners, Sao Paulo, the largest dry cleaning business in Brazil. He is also a partner and directing superintendent of a beryllium oxide plant that is under construction at Resende, State of Rio de Janeiro.

The Winslows live 11 miles from the center of the city on four acres

of land. Their home is on the shore of a lake, so water sports are conveniently near. The yard has a variety of fruit trees and lots of flowers. Most middle income-group families, like the Winslows, have two servants and a gardener. Temperatures are comfortable, ranging from 85 degrees F. during the day to 45 degrees F. at night. Homes do not have central heating facilities. Electric power is in short supply and consequently is rationed. Natural gas is not available; most families use bottled gas for cooking.

The Winslows have three children. Although the older children go to an American school in Sao Paulo, Winslow expects that all of them will eventually attend colleges in the United States.

Case Alumnius

Mother: "Isn't this a rather complicated toy for a small child?"

Clerk: "It's an educational toy,

designed to adjust a child to live in the world of today. Any way he puts it together, it's wrong."

Eugene White Appointed to New Position

Eugene C. White, Nu '43, has been appointed to the newly-created position of industrial specialist for the General Electric Tube Department. He will be located at Schenectady, New York.

Brother White joined G.E. in the company's test engineering program at Erie, Pennsylvania, after graduation. Prior to his present assignment he was assistant to the industrial and transmitting tube sales manager.

Carnegie Alumnus



LeRoy Grettum New President of Wilmington Corporation

LeRoy A. Grettum, Alpha '23, is the new president of the Pusey and Jones Corporation of Wilmington, Delaware, builder of paper-making machinery. With the firm since 1946, Brother Grettum has been assistant to the president, executive vice president, and general manager. He is also a director of the Delaware Chamber of Commerce.

The Minnesota Alumnus

Three Delta Men Receive New Case Medals

At the Diamond Jubilee Convocation of Case Institute of Technology held last April 10 and 11, three students were among the recipients of newly-designed Institute medals. All three of these men were Theta Tau's — Norman Berg '53, Erie, Pa., chairman of the guides and ushers com-

mittee; Robert Blanz '54, Galion, Ohio, chairman of ushers, and Kenneth Davis '53, Troy, Ohio, chairman of guides. The new medals were designed by a well known Cleveland sculptor to be presented to persons whose achievements the Institute wishes to recognize.

Case Alumnus

A. W. Schlechten Represents U. S. Bureau of Mines at European Conferences

Dr. A. W. Schlechten, Psi '37, chairman of the department of metallurgical engineering at the University of Missouri School of Mines and Metallurgy, was chosen to represent the United States at a series of metallurgical conferences sponsored during April and May in Europe by the Organization for European Economic Cooperation. He accompanied J. Bruce Clemmer, chief of the Salt Lake City Station of the U.S. Bureau of mines. Dr. Schlechten taught at the University of Minnesota and Oregon State College before assuming his present position in Rolla.



Engineering & Mining Journal



Hugh Porter With Goodyear Atomic Corp.

The U.S. Government's gigantic atomic plant near Portsmouth, Ohio, has in one of its key positions Hugh F. Porter, Jr., Nu '47. He will head the Electrical and Instrument Division for Goodyear Atomic Corporation which will operate the \$1,219,000,000 plant. Brother Porter has been with Goodyear since he received his master's degree in Electrical Engineering at Carnegie in 1948.

Carnegie Alumnus

Scherer Made New Auto Association Manager

Formerly assistant manager, William L. Scherer, Delta '10, has been appointed manager of the patent department of the Automobile Manufacturers Association, Detroit. After graduation, Brother Scherer worked for the Industrial Rayon Co., Clevel-

land, and received his law degree while employed in the patent department of the firm. He was with the patent department of the Goodyear Tire and Rubber Co., Akron, for nine years prior to joining the Automobile Manufacturers Association in 1952.

Don Little Heads POW Exchange

At the recent prisoner of war exchange near Panmunjom, Korea, Col. Donald C. Little, Zeta ex '28, was in charge of the whole operation. As deputy chief of staff for the Korean Communication Zone he was assigned to see that the exchange of sick and wounded U.N. and Communist prisoners of war went off without a hitch.

Brother Little was born and raised in Kansas City, Kansas where his father was prominent in operations at the Kansas City stockyards. His mother is housemother at the Kansas University chapter of Phi Kappa Phi. After Don left the University of Kansas he got an appointment to West Point and graduated in 1932. His career has been a distinguished one.

In heading operation "Little Switch", Don put in long hours get-

ting up at 4 o'clock in the morning to be ready to meet the train bearing Red prisoners when it arrived at the train-ambulance switch point near Munsan, Korea. Everyday 500 Reds arrived on a special 13-car train. Don boarded it to see that everything was in order, that the doctors had taken proper care of the prisoners on the trip, and that breakfast was served without delay.

And he was just as quick to see that everything was going all right with the returning U.N. prisoners. Arrangements were made so there was no unnecessary delay in loading the U.N. returnees into helicopters and ambulances which carried them to Freedom Village.

Communist newsmen and photographers were always on the lookout for propaganda material, but one of

the reasons the prisoner exchange went off so well was because Brother Don Little was on the job to see that the

Reds didn't have anything to complain about.

Kansas Alumni Magazine

Roy Olson Honored



For 23 years, Roy H. Olson, Alpha '23, senior partner of the Chicago patent law firm of Moore, Olson, and Trexler, has been patent counsel for the Illinois Tool Works of Chicago. In recognition of this long service, Harold B. Smith, president of the firm, presented Olson with an inscribed gold watch.

Brother Olson, who lives in Highland Park, is a member of the Board of Managers of the Chicago Patent Law Association and a Director of the American Patent Law Association. He received his law degree from the Chicago Kent College of Law in 1927.

The Minnesota Alumnus

Clarence Daniel at Rensselaer

Now serving as administrative assistant at Rensselaer Polytechnic Institute, Troy, N.Y., is Clarence H. Daniel, Nu '39. He is a graduate of the Harvard School of Business Administration and the Cleveland-Marshall Law School, and was an industrialist and attorney in Cleveland before going to Rensselaer.

For the past six years Brother Daniel has been associated with his father in the Edward W. Daniel Co., manufacturers of industrial and marine hardware and floor covering accessories in Cleveland. Before his work in Cleveland, Daniel had served with Bethlehem Steel Co. as assistant to the manager of industrial relations.



Carnegie Alumnus

Colonel Harrelson Honored



Col. Harrelson (center) receives award from Alumni Affairs Director

In recognition of 48 years of service to North Carolina State College the Alumni Association paid tribute to Colonel J. W. Harrelson, Rho '09, by presenting its "1953 Meritorious Service Award" at its annual luncheon meeting in Raleigh last May. The citation read in part: "Chancellor of North Carolina State College, Colonel John William Harrelson, Class of 1909, has served the College for 48 years, from student to chief executive officer. Under his guidance the physical plant . . . has been doubled, the quality of instruction and research has been greatly improved, all phases of ex-

tention have been broadened and strengthened, and the College is now in its greatest era of service."

Chancellor Harrelson received additional recognition from the North Carolina State College faculty at a dinner given to pay tribute to him and Mrs. Harrelson for their service and devotion to the school.

Brother Harrelson, a charter member of Rho chapter, announced his plan to retire this fall after serving on the college faculty for more than four decades.

North Carolina Engineer

Frederick Radavich Changes His Name

Frederick John Radavich, Iota '42, has announced that he has legally

changed his name to Frederick John Radd.

*Paul Endacott President
Of Phillips Petroleum*



Thirty years ago the home folks were worried when Paul Endacott, Zeta '23, went off to the cowboy and Indian country of Oklahoma to work in the oil fields. To reassure them that he was in good health and had good living accommodations, he took the above pic-

tures and sent them back, the day after he started to work for Phillips Petroleum in Burbank, Oklahoma, in June, 1923. He took the picture of himself by attaching a string to a camera. The arrow points to the bunkhouse where he lived. But the folks back home needn't have worried about Paul; he was on the way up with Phillips. Today he is president of the company with offices in the Adams Building in Bartlesville, Oklahoma.

When Phillips 66 was first building its basketball team, it was inclined to hire men who had talent on the court, and all-time, All-American Paul Endacott qualified. After working as an engineer, he moved into sales research some years later and attracted attention in the oil industry for his work in employee relations.

An article in the February 23, 1953 NEWSWEEK describes Brother Endacott as a "soft-spoken, courteous, methodical man who checks every Phillips department every day and is apt to take his day's work home with



him and double-check it every night." At the age of 10, Endacott is part of one of the youngest top managements in the oil industry. Playing with him

on the Phillips management team is executive vice president Stanley Learned, Zeta '24.

Kansas Alumni Magazine



Present headquarters: The Adams Building

George Potter Receives Professional Degree

George M. Potter, Chi '35, was awarded the professional degree of Metallurgical Engineer at commencement on the University of Arizona campus on May 27. Brother Potter is chief projects engineer in the foreign minerals department of the U.S. Bureau of Mines in Washington, D.C. He received his master's degree from Arizona in 1936. The Potters live at 3730 13th S., Arlington, Virginia.

Arizona Alumnus

A man never does justice to himself as an entertainer when his wife is around.



C. M. Staples Retires

On September 1, 1911, a recent graduate of the University of California College of Mining, went to the Clifton-Morenci district of Arizona where he obtained a temporary job as a mine sampler. The mining career of this young engineer was terminated on February 1, 1953, when C. M. Staples, Epsilon '11, chief clerk in the general office of Phelps Dodge Corporation, Morenci branch, retired. His temporary employment with the Arizona Copper Company and its successor, Phelps Dodge Corporation, had extended for a period of over 41 years.

After his early work as a mine sampler, in 1914 he accepted a transfer to the accounting department and was assigned to the position of head cost clerk for the Arizona Copper Company in Morenci. Three years later, he was promoted to the position of chief cost accountant for all divisions of the Arizona Copper Company, which included the operations at Morenci, Metcalf, and Coronado. When the holdings of the Arizona Copper Company were acquired by Phelps Dodge Corporation, Brothers Staples



was made the cost clerk at Morenci Branch. Later he became office manager and in 1930 was promoted to chief clerk of the Morenci Branch general office, a position he continued to occupy until the date of his recent retirement.

The Staples have now established their new home at 980 Chestnut St., Escondido, California, where their many friends hope that they may enjoy many years of good health and happiness.

The Prospector - Phelps Dodge Corp.

Rathbun Book Is Helpful Student Guide

Kenneth C. Rathbun, Pi, '42, has written a small book, "Working Your Way Through College", which is a practical guide for college students and their advisers. Of particular value to the student is the chapter "Scholarships, Loans, and Prizes", listing a large number of scholarship and loan

funds available to worthy students. An honor student himself, Brother Rathbun also gives excellent advice on budgeting time as well as money. The book was published in 1951 by the Cavalier Publishing Co., Post Office Box 8, Cambridge 39, Mass.

"My husband talks in his sleep. Does yours?"

"No. He is terribly annoying. He just chuckles."

Letters To the Editors

4224 Woodmont Rd.
Toledo 13, Ohio

Dear Brothers:

Just a note forwarding my new home address. I am still with Allen-Chalmers Mfg. Co and was transferred from Youngstown to our Toledo Sales Office this summer.

I forgot about this until I ran across my Spring copy of the *Gear*, which I had filed away too well for safe keeping.

I sure hope this arrives in time so I won't miss the Fall issue.

In H & T,
M. D. Busch
Lots '42

Since you have been out more than a decade, Brother Busch, your interest in the *Gear* is encouraging.

Rt 1, Box 177E
Livermore, California

Should anyone be interested, I am now employed as a Field Engineer at the University of California Radiation Laboratory at their Livermore project.

Arthur Werner, Jr.
Epsilon Chapter
Class of 1933
(that's 20 years ago
brother!!!!!!)

Lucky fellow! Our years were '21 and '24.

Est. Wadley, S. L. P.
Mexico

Dear Brothers of Theta Tau:

I am enclosing the change of address form from the Spring of 1953 issue of the *Gear*. The copy was forwarded to me by a friend in Montana and I was very glad to receive it.

My family and I arrived in Mexico in March of this year and are living very high (elevation 8700 feet). We have certainly enjoyed the change so far in spite of the difference in language. But then, we hope to be able to speak the language in a few months.

There are two other American families here. It was old home night when Judson Whitman, Psi Chapter, and I discovered we were both Theta Tau alumni. Brother Whitman has a few months on me as a resident of Mexico.

Please keep the *Gear* coming as I enjoy reading it.

Yours in H & T,
Gerald C. Mathis
Omega '50

Saludos, Brother Mathis.

304 West 27th Street
Pine Bluff, Arkansas

Dear Sirs:

I have moved so much in the past few years I haven't kept you informed as to my current address and haven't received the *Gear* since Spring, 1950. I would like to get back on the mailing list and would appreciate any back copies I have missed.

I am now working for the Arkansas Power & Light Co. in Pine Bluff, Arkansas as a Distribution Engineer.

Yours in H & T,
Chester L. Haynes
Upsilon, '49

You are back in the fold, Brother Haynes, and will remain there as long as you keep us advised of your whereabouts. We are sending those back copies you missed.

9334 TSC S.C.E.L.
Fort Monmouth, N.J.

Dear Brother Howe:

It occurred to me today that the spring issue of the *Gear* is out and I have neglected to inform you of my change of address. Would you please change it to:

101 Yeager Ave.
Forty Fort, Pa.

After graduation last year I accepted a position with Bell Telephone Laboratories, Inc. as a Member of the Technical Staff in the military electronics dept. at Whippany, N.J. In September of 1952 I was recalled to active duty as a 2nd Lt. in the Signal Corps.

I was assigned to my present duty in January of this year after completion of the Signal Corps Officers' Course given here at Fort Monmouth. My duty is as an electrical research engineer and Chief of Information Services Branch for Field Station #4 of the Signal Corps Engineering Laboratories.

Brother Kraft, also Tau '52, arrived here on the same date I did. At present he is assigned as a New Equipment Introductory Team officer attached to S.C.E.L. Brother Eggleton, Tau '52, was also here until February; he is now a radar instructor at the Aberdeen Proving Ground in Maryland.

I hope the above information will be helpful to you and to other brothers of Tau Chapter.

Yours in H & T,
Harold P. Anderson
Tau '52

Just to make sure, we have printed it. Thanks.

10 Arcadia Circle
Greenville, S. C.

Dear Brothers:

I have been meaning to do this for almost three years now. It has been almost that long since I got my copy of the *Gear*. I wish to reinjoin the list.

I have been with J. P. Stevens & Co., Inc., since I left school and am now with their manufacturing research division. I don't do a great deal of "pure" engineering, but it is varied and most interesting work.

About the only contacts I have with any brothers are through correspondence (Christmas cards, to be exact), since engineers are rather scarce in the textile business.

It will be wonderful to get the *Gear* again. I've missed it.

In H R T,
V. M. Barnes, Jr.
Khs '48

We hasten to restore your name to the mailing list. Maybe you will get more Christmas cards this year.

12198 1/2 Ventura Boulevard
Suite 183
Studio City, California

Dear Brothers:

The reason for the change of address is simple although the continuation of the use of it is not.

The 12th of January I struck out on my own and can now receive any and all mail at my business address instead of at home. That's the reason.

The continuation depends on the number and quality of the clients I am able to obtain.

As my experience with others has been quite varied, so is my approach in my own office. At the present time, we will do anything from a Lot Survey to complete plans

for a Medical Center. Needless to say the Centers are few and far between.

The future is dependent on many variables, but being a "rugged individualist" (some word), the rewards should be most satisfactory and gratifying.

Yours in H & T,
Sigmund L. "Sig" Levin
Chi '47

Good luck to you Brother Levin; may your surveys diminish and your Centers increase.

District Public Works Office
10th Naval District
Navy No. 114
c/o F.P.O., New York, N.Y.

Dear Brothers:

Have changed my address a few months ago, but still hope it is possible for me to receive a copy of the Spring '53 *Gear*.

I am employed at present as Manager of the Civil Engineering Branch, and Assistant Director for Design and Construction for the 10th Naval District with headquarters at San Juan, P.R.

Have put a number of Theta Tau's down in this area and all have been swell fellows. A fellow Theta Tau in my own office is Joe McKinstry from Updson. Joe is a Lt. in the Civil Engineering Corps, U.S. Navy.

Will you be kind enough to enter my new address in your records?

Yours in H and T,
George A. Kilpatrick
Gamma Beta '41

Thanks for the news, Brother Kilpatrick. Others have also discovered that Theta Tau's are usually swell people.

Grandpa bought a mule for his farm, but he couldn't make the critter gee, haw, giddap or anything. So he engaged a professional mule trainer. The trainer whapped the mule over the head with a 2 by 4 plank and, when the animal didn't move, whapped him again.

"Hey," protested grandpa, "are you trying to kill my mule?"

"No," said the trainer. "But first off you gotta get their attention."

The second-floor tenant called the

party living below and shouted, "If you don't stop playing that blasted saxophone, I'll go crazy."

"I guess it's too late," came the reply, "I stopped an hour ago."

Mr. Newlywed: "Darling, this hash doesn't taste good. Did you put in equal parts of corned beef and potatoes, as the recipe called for?"

Mrs. Newlywed: "Yes, dear. A dollar's worth of corned beef and a dollar's worth of potatoes."

In Memoriam

Melvin Stanley Anderson, Kappe '28, age 46, died of a heart attack at his home on June 27, 1933. Born in Chicago and graduated from the University of Illinois, he was with U.S. Gypsum Co. in Chicago for some years and in 1931 joined the staff of the Arthur G. McKee & Co. in Cleveland, Ohio, and was Project Engineer for them at the time of his death.

Albert Raymond Bartell, Zeta '17, age 38, died in the Veteran's Hospital in Iowa City on January 23, 1933. He was born in Milford, Kansas, on June 6, 1894, and at the time of his initiation the family home was in Wakefield, Kansas. With the outbreak of World War I he joined the army and served as a 1st Lt. 168th Inf., 42nd Div AEF, in Europe until 1920 when he opened an office as engineer in Waterloo, Iowa. On June 22, 1920 he was married to Nathan Jacobson of Du Moines, Iowa. From 1937 to 1940 he served as County Engineer of Cedar County and lived in Tipton, Iowa. Then he moved to Vinton, Iowa, where he was County Engineer of Benton County. Surviving are his widow, a son, Richard J. Bartell of Cedar Rapids, and a daughter, Mrs. D. C. Speistersbach of Iowa City.

Wade Vance Bate, Eta '28, age 36, died of a heart attack in his home on June 13, 1933. He was born in Pelham, N.C. on October 22, 1897. A veteran of World War I, he graduated from N.C. State College in 1920, and immediately entered the employ of the N.C. State Highway Commission as a draftsman. He advanced rapidly and in 1931 was made chief engineer of the Highway Department. He resigned in 1940 and became Executive Director and Treasurer of the N.C. Asphalt Association. On December 25, 1917, he married Rachel Mitchell of Youngville, N.C. He was highly regarded and three times was elected president of the N.C. Society of Engineers and in 1912 was made an honorary member. The family home was at 310 West Whitaker Mill Road in Raleigh.

Spencer Walter Butler, Eta '21, age 34, died in Cleveland, Ohio, on May 23, 1933. He was born in Cleveland, attended Case Institute of Technology for two years, transferred to the Mass. Institute of Technology where he was graduated as a mechanical engineer, and in 1921 joined the S. W. Butler Co. until about 1931 when he moved to Philadelphia to re-join the Cleveland Trameail Co. In 1940 he joined the Ford Motor Co. in Dearborn, Mich., where he worked on the design of the new Ford Foundry in Cleveland, and since that plant was completed was on the engineering staff in Cleveland.

John Damsch, Gamma '48, age 30, died in the Denver Veterans Hospital on August 6, 1933, after lying in a coma for five years as the result of brain injuries received in an automobile accident only one month before he was to graduate as an honor student at the Colorado School of Mines. He was born in Rock Springs, Wyoming, and was a top high school athlete. He was to have married Joan Brauman of Denver after his graduation, and when he was injured she took a clerical position in the hospital to be near him. Although the accident prevented him from completing his work, he was given a degree of Engineer of Mines.

James Malmwareing Douglas, Epsilon '11, died suddenly of a heart attack in King City, California, on October 13, 1932. He was born in Bradley, California, on November 14, 1887, and studied petroleum geology at the University of California where he was on the football team. After graduation he went to Casper, Wyoming, but left to join the Aviation Corps of the U.S. Army. In 1920 he was a petroleum geologist in Ft. Worth, Texas, and from 1921 to 1924 he was with Union Oil Co. of California, in the Rocky Mt. district. From 1927 to 1931 he was in charge of the work of the company in Venezuela. He settled in Paso Robles, Calif. in 1934 where he had a ranch, but continued work as a consulting geologist. He is survived by his widow, Mrs. Laurie B. Douglas; two daughters, Miss Laurie Ann Douglas of Paso Robles, and Mrs. Elva Piper of Berkeley, Calif.; and a son, James, of Paso Robles. He was a fine geologist and a fine friend.

Robert William Fowler, Epsilon '36, died in the hospital in Bakersfield, California, on December 1, 1931. He was born in Brooklyn, N.Y., March 28, 1913. After completing work in preparatory school, he entered the University of California in Berkeley and graduated as a Petroleum Engineer in 1936. He entered the Standard Oil Co. of California at Taft, Calif. and later went to work for the Superior Oil Co. where he became District Engineer for the important Bakersfield District and vicinity. He was well on the road to high executive position and was considered to be an excellent petroleum engineer and operator. A truck and trailer traveling at high speed and on the wrong side of the road struck his car at an intersection. Surviving are his widow and six children. The family home is at 330 F Street, Bakersfield, Calif.

Oden Carl Gerrit, Iota '33, age 41, died at his home in Kolla on May 26, 1933. He was born in Kolla on Sept. 22, 1911 and graduated from the Min. School of Mines with high honors

in 1933. In 1934 he received his M.S. In 1941 he was given the degree of Ch. E. and in 1944 a Mt. E. From 1934 to 1938 he was research engineer for Western Cartridge Co. and then successively with Certainated Products, Western Electric Co., Humble Oil Co., and Texas Patent Products. From August 1938 to December 1941 he was with the U. S. Bureau of Mines as a metallurgical engineer doing important research work on strategic metals. From 1941 to 1947 he was with the U.S. War Dept. as chief of the chemicals and metals section of the Control Commission for Austria. From 1947 to 1952 he was in Japan as a precious metals expert in the Economic Section of Military Headquarters, then was self employed as a consulting engineer in Tokyo, representing important foreign concerns. He returned to his home in Rolla late in 1952 and established himself as a consulting metallurgist. Surviving are his wife, the former Audrey Smith, and his mother, Mrs. Eula Garst, of 1284 Elm St., Rolla, Mo.

David John Graham, Gamma '21, died on July 15, 1918. He was born in Molokwa, Indiana, August 16, 1898. He entered the Colorado School of Mines where he graduated as a mining engineer in 1921. He returned to Detroit for several years and then entered the employ of the Arizona Light and Power Co. at Clifton, Ariz., and remained there until all the operations and facilities at Clifton, passed into other hands. He moved to Los Angeles, California, and entered the employ of the County of Los Angeles as a draftsman. At the time of his death he was Project Coordinator of the Mechanical Department. Surviving are his wife, a daughter, and his mother, all living at 1811 South Ridgely Drive, Los Angeles, California.

Enoch Henderson, Hon. Beta, died in Noranda, Que., Canada, on January 22, 1913. He was born in 1878 in Maple Ridge, Mich. and graduated from the Norway, Michigan, high school. When he entered the Michigan College of Mines in 1893 he had a background of eight years experience in mining. He graduated in 1906. He was a member of Tau Beta Pi. He was president of the senior class and an intimate friend of the charter members of Beta chapter, but left college before the chapter was installed. A few years later he was initiated as an honorary member. Shortly after initiation he was made Supt. of the Franklin mine near Houghton and in 1928 went to Rooyr, Quebec. He became Mine Supt. of the Naranda mine, one of the largest in Canada, and retired from that position a few years before his death, but remained as a consultant to the company. Surviving are his widow and one daughter, Mrs. Mary Anderson of Noranda.

Robert Alan Hopper, Gamma '45 died of polio in Texas on August 28, 1951. He was born in Denver on July 28, 1917, attended high school there, was graduated from the Colorado School of Mines as a Petroleum Engineer in 1943, and joined the Air Force as an aviation cadet immediately after graduation. He was commissioned a Lt. and stationed at Fresno, California, and Fairmont, Nebraska. In 1947 he left the Air Force to enter the employ of the Colorado Fuel & Iron Co. in Denver, leaving there in 1950 to become a partner of the Western Fence Co. of Texas in Amarillo.

Henry William Hurst, Iota '21, age 61, died on December 12, 1912. He was born in Rush City, Minnesota, and received his B.S. in Mining Engineering in 1921 and his E.M. in 1927, both at the Mo. School of Mines. He went to Rosiclare, Ill. in 1922 and worked for the Hillside Mining Co., becoming superintendent in 1934, and was manager at the time when the Inland Steel Co., fluor spar division, acquired the Hillside properties, and remained as manager until he retired in 1941. However, until the time of his death he continued as consultant for the fluor spar operations. In 1921 he married Hazel McDowell. Surviving are his widow, two daughters, Mrs. Fred Ruple of Champaign, Illinois, and Mrs. Lowell Dutton of Rosiclare, Ill.; one granddaughter and four sisters. His widow wants the Grand Scribe that all through his life his most intimate friends had been Wm. Dunlop, Iota '22, H. L. Bailey, Iota '21, and Lewis E. Davidson, Iota '21. Brother Hurst joined the Masonic Order and was a past Patron of the Eastern Star and a member of the Shrine. The family requested that no flowers be sent to the funeral services but that money may be sent to the St. Louis Shrine Hospital for Crippled Children. Mrs. Hurst can be addressed at P.O. Box 419A, Rosiclare, Ill.

Edward Kopper, Alpha '13, age 63, died in Winetka, Ill. on June 16, 1913. He was born in St. Paul, Minn., graduated as a mechanical engineer from the University of Minnesota in 1911, received an M.E. in 1914, and after graduation entered the employ of the Grey Tractor Co. in Minneapolis, leaving there to become engineer for the E. H. McNair Co. of St. Paul. In 1928 he formed the Edward Kopper Co., dealing in railroad supplies, etc., and a few years later formed the Peetlow Equipment Co., 310 S. Michigan Ave., Chicago, Illinois, a railroad supply company of such importance that he was listed in Who's Who in Railroading. He was Vice President of the company at the time of his death. He was a very active member of Alpha

while in college, served as Regent, and started the movement for a house.

Edward William Leach, Alpha '10, age 66, died in Duluth, Minn., on May 10, 1911. He was born in Winona, Minnesota, and after high school graduation entered the University of Minnesota, where he was Regent of Alpha chapter in his senior year, and graduated as a Civil Engineer. He worked for the U.S. Engineers, Butler Brothers at Buhl, Minnesota, Pickands Mather and Co. for whom he opened the Danube mine, and in 1945 he retired and organized the Leach Exploration Co., operating the Snowshoe mine near Crosby and the Sullivan at Virginia, Minn. He was much interested in Boy Scout work.

Oscar Adolph Lentzler, Hon. Kappa, age 76, died of a heart attack on May 31, 1935, in Batesville, Ark. where he was visiting. He was born in Highland, Ill. and attended school there. He graduated from the University of Illinois in 1889 as a mechanical engineer, received his M.E. there in 1900, from 1901 to 1905 was an instructor at Lehigh University, and then returned to the University of Illinois. He became head of the Department of Mechanical Engineering and retired in 1941 as Emeritus Professor.

Arch Rhodes Linn Matteson, Nu '13, age 42, and his wife Helen, drowned in the Shazin River not far from Seattle on July 28, 1912. Brother Matteson was born in Butler, Pa. and attended Kasselator Polytech Institute for two years before entering Carnegie Institute of Technology where he was Regent of Nu chapter during his senior year, and graduated as a civil engineer. After graduation he entered the employ of the Penn Railroad and in 1940 was the youngest man in the history of the Penn RR to become section supervisor. In 1942 he went to Seattle, Wash., and enrolled as a graduate student in inorganic industrial chemistry, receiving his M.S. in 1946. Shortly thereafter he married a beautiful girl he had met at Washington, and joined the firm of Henry Broderick & Co., Inc., oldest real estate firm in the city, where he dealt in industrial properties and was very successful. On July 19th he and his wife left their home on one of their frequent fishing trips. They were caught in a sudden flood. When they did not return, a search was started and the automobile was found with their setter dog the only survivor. It was a week before both bodies were recovered.

Robert Lee McLaten, Gamma '32, died on June 28, 1953. He was born in Clarendon, Texas, on January 6, 1901. At the age of 17 he and his brother were adopted by Mr. and Mrs. Ed Shering. Lee attended the University

of Oklahoma in 1920-1922 and then transferred to the Colorado School of Mines. Upon the death of his foster father in 1924 he had to leave college, and went to work as assistant geologist for the Southern Exploration Co. of Wichita Falls. During the next years he was geologist for the Navarro Oil Co. in Coosa, Texas, was with the L. H. Wentz Oil Division, devoted some time to mine examinations in the western states, and then returned to school and graduated in 1932. A year later he returned to Golden to take a year of Geophysics. He joined the Arkansas Natural Gas Corp. in Louisiana, was made head of the department, and held that job for eight years. In 1940 he married Mrs. Thelma Fisher Myers and adopted her two children. Another son was born of this marriage. In 1944 Lee formed the Texas Seismograph Co. in Wichita Falls and developed a very successful business. His widow and children live at 1002 Speedway, Wichita Fall, Texas.

Robert Clayton McMaster, Beta ex '12, died in a clinic in St. Louis Mo. on June 12, 1953. He was born in Marquette, Michigan, on January 6, 1910, and attended the high school in Rockland, Michigan, where he was very active in the Boy Scouts and became an Eagle Scout at the age of 16. He was Scout Master while in high school and delegate to the International Boy Scout Convention. He entered Michigan Tech in 1928. He was Scribe of Beta chapter, an honor student, and Cadet Capt. of the Air ROTC until ill health forced him to drop out. He was awarded the Kennecott Copper Co. scholarship but was unable to use it and could not complete his work for a degree. Surviving are his parents, a brother and sister, and Brother Donald McMaster, Beta '34.

Howard Oliver Norville, Iota '21, age 56, died in the Veteran's Hospital at Prescott, Ariz., on April 23, 1953. He was born in Beardstown, Illinois. After graduating at a mining engineer from the Min. School of Missouri, he worked for McGraw-Hill in St. Louis, and then entered the employ of the Albuquerque & Gorrillas Coal Co., at Madrid, New Mexico. In 1928 he moved to Phoenix, Arizona, to be with the Texaco Oil Co., and then joined the engineering staff of the Arizona State Highway Commission and was stationed in several Arizona towns until he was made Highway Inspector at Prescott. He served in World War I and served as an engineer for the government during World War II. After the war he was made assistant engineer officer at the Whipple Veterans Hospital in Prescott. Mrs. Norville can be addressed at P.O. Box 1689, Prescott, Arizona, or Four Acres, Apt. 4, Prescott.

Edward Wilson Richards, Pi '29, died June 29, 1953. No further details are available at this time.

Herman Carl Schwabe, Mu '35, age 40, died of a heart attack on July 23, 1952. He was born in Brooklyn, N.Y., and attended Brooklyn Polytech before going to the University of Alabama where he graduated as a mechanical engineer in 1933. He made his M.S. at New York University in 1937. After graduation he entered the employ of the Nathan Mfg. Co., 416 E. 104th St., New York City, and at the time of his death had been promoted to Standards Engineer.

Charles Fred Torrell Jr., Phi '31, age 44, died suddenly of a heart attack on November

2, 1952. He was born in Chicago, Ill. He graduated from Purdue University as a mechanical engineer, entered the employ of the Furr Oil Co. in Tulsa, Oklahoma, and in 1951 joined the staff of the Sinclair Oil Co. in Tulsa and later in Independence, Kansas. At the time of his death he was Division Engineer. In 1952 he was married to Edna Fisherry, and two children survive him.

Charles Britten Weber, Tau '27, age 48, died of a heart attack after a golf game in Tonawanda, New York, on May 31, 1953. He was born in Buffalo, N. Y. and graduated from Syracuse University as a mechanical engineer. He studied accounting, entered the employ of Ernst & Ernst, 1800 Rand Bldg., Buffalo, N.Y., and at the time of his death was resident partner.

Neal Harr, Gamma '14, is student body president at the Colorado School of Mines.

Because of college regulations governing the amount of extra-curricular activities in which a student may participate, Rho Chapter's past Regent, Brother Billy Oliver, was forced to resign his position. He is President of the Campus Government and it was impossible for him to hold both positions. In the ensuing election David H. Barrett was chosen Regent.

Following their marriages this summer, Brothers John Biebesheimer and Earl Cottrell of Phi Chapter resigned their offices of Regent and Vice Regent, respectively. In the special election which followed, Brother Wayne Reisinger was elected Regent, and Brother Devon Hobby was elected Vice Regent.

Anger is a wind which blows out the lamp of the mind.

Construction Digest

Maybe the reason some folks lag behind in our free enterprise system is because they depend too much on the free part and not enough on their own enterprise.

Grit

Experience has taught me that my father is as wise as myself.

Jas. Boswell's London Journal

Compare your standard of living with that of your grandfather. Then you'll understand why other countries are covetous of the U.S.

Decorah (Ia) Public Opinion

The privilege of the school is to nurture the young to enjoy the world aright and, maybe, as they grow to maturity, to redeem it.

S. H. Wood, Educational Forum

Young people are fools in their heads and old people are fools in their hearts, and they can only look at each other and pass by in wonder.

James Stephens, The Crock of Gold

T b e GEAR *o f* T H E T A T A U

OFFICIAL PUBLICATION OF THE FRATERNITY

P. L. MERCEK, Omicron '21 and J. W. HOWE, Omicron '24

Editors

210 ENGINEERING HALL

IOWA CITY, IOWA

Subscription \$1.00 a Year

Life Subscription \$11.00

VOLUME XLIII

FALL, 1913

NUMBER 1

SO YOU WANT A BETTER JOB?

What are the attributes needed to speed us as individuals toward progress in industry and business or our professional careers? Most of us have some rather hazy ideas on the subject but Mr. P. W. Boynton, Supervisor for employment, Socony-Vacuum Oil Co., has prepared a pamphlet entitled, "So You Want a Better Job", which delves into the matter rather seriously.

In this down-to-earth dissertation the author presents a lot of horse-sense recommendations we can all recognize as being of great value. In the section, "A Formula for Promotion", he makes it clear that there is no mystical magic, the practice of which leads indubitably to success. Instead the thesis he develops is that each person slowly builds up his individual reputation—through his daily activities, his reactions to various circumstances, his accomplishment of job assignments, the ease with which he gets along with people. This reputation soon establishes a trend toward good or bad. Then, when an opportunity comes for a promotion, the man with the good reputation usually gets the better job. It is as simple as that.

The author also points out some of the reasons why people don't get on in business and why they lose their jobs. Based on a survey of 76 corpor-

ations, he reports that only 10.1% of the people discharged or refused promotions in these businesses were lacking in specific skills. But 89.9% of them showed a weakness in character traits, as:

Carelessness	14.1%
Non-cooperation	10.7%
Laziness	10.3%
Absences for causes other than illness	8.5%

Technical knowledge and specific skills were relatively minor factors in holding back these people; their character traits, however, were of tremendous importance. This suggests, then, that progress in a job or to a better one boils down pretty well to a matter of attitudes or human relations; in other words, how well we get along with others. Remember this as you go about your studies or as you go about your work. Remember too, that better attitudes and friendlier relations with your associates can be cultivated and improved as well and as easily as can mental or manual skills.

PLM

THE GOLDEN ANNIVERSARY

Elsewhere in this issue are the details of the Celebration that is to signal the fiftieth anniversary of Theta Tau. From the small group that Erich

Schrader gathered together in 1904 to the national Fraternity with twenty-four active chapters, a dozen Alumni Associations, and more than 13,000 initiates, is quite a step. Fortunately, Erich has had an active part in this great development and has guided it every step of the way. The emergence of the strong national Fraternity is therefore almost a personal achievement, although able and loyal men have worked with Erich along the way.

None, however, has been in it all through the years, and none has the intimate knowledge of the Fraternity and wide personal acquaintance with its members that is possessed by Erich Schrader. Thus the Fraternity is to have the pleasure of observing an important anniversary, but it also has the privilege of honoring a staunch pioneer who might well bear the designation, "Mr. Theta Tau".

JWH

Additions to Membership

ALPHA

- 613 Frank A. Massey, Jr. (NMN), St. Paul, Minn.
614 Gerald Lawrence Ahmann, St. Paul, Minn.
611 Horton Arthur Ellsby, Minneapolis, Minn.
618 Robert Duane Frisgard, Kenyon, Minn.

BETA

- 727 Benjamin LaVerne Peterson, Marquette, Mich.
728 Stephen Theodore Wilkox, Duluth, Minn.
729 James John Reinke, Saginaw, Mich.
730 James Frederick Luecker, Iron River, Mich.
731 Charles Stanley Anderson, Kalamazoo, Mich.
732 Lawrence Keith Mulholland, Saginaw, Mich.
733 Bernard Arthur Krutka, Saginaw, Mich.
734 Rodney Arnold Mattson, Ironwood, Mich.
735 William Arno Mosner, Frankenmuth, Mich.
736 David Peter Post, Grand Rapids, Mich.
737 Lowell Howard Christensen, Beacom, Mich.
738 Gary Alan Heilala, Champion, Mich.
739 Robert Douglas Ross McClintock, Toronto, Canada
740 Albert Robert Socha, Jr., Marysville, Mich.
741 George John Sperry, Saginaw, Mich.
742 John Arthur Quaal, Ishpeming, Mich.
743 James Faron Roggaw, Mason, Mich.
744 Jean-Lewis Barbe, Comox, Canada

GAMMA

- 793 Richard D. Dinitz, Bartlesville, Okla.
796 James Harrison Endacott, Port Arthur, Texas

- 787 Jack Charles Fowler, Bartlesville, Okla.
788 Edward Wyman Heath, Dallas, Texas.
799 Robert Wells Howard, Golden, Colorado
800 Robert Burrton Joyce, Denver, Colorado
801 Donald Lee McCall, Lakewood, Colorado
802 Milward Kent Miller, Midland, Texas
803 Newell Hamilton Orr, Jr., Golden, Colorado
804 Alan Frederick Osborne, Fort Morgan, Colorado
805 Charles Orme Spielman, Monte Vista, Colorado
806 Bill Joseph Westoff, Fort Morgan, Colorado

EPSILON

- 737 William Edward Hasey, Jr., Ross, Calif.
738 Shankar Gharat Shiva, Richmond, Calif.
739 Ray Allen Hummel, Oakland, Calif.
740 Frederick Wrethen Bradley, San Francisco, Calif.
741 Lloyd Martin Boston, San Diego, Calif.
742 Warren Oliver Addurant, Fresno, Calif.
743 Richard Wyatt Thomson, Berkeley, Calif.
744 Phillip Ward Flynn, Ventura, Calif.
745 Jacob Martin Smit, Woodside, Calif.
746 William Augustus Brewer III, Berkeley, Calif.
747 Douglas Wright Kirkland, Millbrae, Calif.
748 Roland Christian Wedemeyer, San Francisco, Calif.
749 Millie Henry Oaken, Colton, Calif.

ZETA

- 174 Jack J. Rogers, Dresden, Kansas
175 James Lawrence Ross, Winfield, Kansas
176 William Albert Latimer, Osage City, Kansas
177 Stuart David Culp, Bethany, Missouri
178 Norman Barkley Gates, Chanote, Kansas
179 Lawrence James Merrigan, Kansas City, Mo.

THETA

- *112 Carl Mazzeo Copenhagen, Riverdale, N. Y.
 *129 Louis Philippe Habrout, Jr., Princeton, N. J.
 131 Edmund Antley Proutis, New York, N. Y.
 134 John Hubert Beck, Garden City, New York
 137 Elliot James Bohner, New York, N. Y.
 138 Harold Dayton Eckerson, Whitestone, N. Y.
 139 Matthew James Ferguson, New York, N. Y.
 140 Andrew (NMI) Gaudik, Nixon, N. J.
 141 Joseph Aldo Gaudio, Bronx, N. Y.
 142 Wayne Longfellow Kaiser, Miami, Fla.
 143 Victor (NMI) Kirovskian, New York, N. Y.
 144 Norman Knowlton King, New York, N. Y.
 145 Mitchell (NMI) Litt, Brooklyn, N. Y.
 146 Harry William Nagel, Lumbia, N. J.
 147 Robert James Paris, North Pelham, N. Y.
 148 David Martin Richman, Flushing, N. Y.
 149 Donald (NMI) Schalkind, Brooklyn, N. Y.

IOTA

- 719 Dale Henry Eming, DuQuoin, Ill.
 720 Hollis Charles Matteson, Afton, Mo.
 721 Arthur George Bessler, Webster Groves, Mo.
 722 Richard Lee Cross, Webb City, Mo.
 723 Donald Ray Boger, Normandy, Mo.
 724 Rayburn Leroy Williamson, Springfield, Ill.
 725 Frederick Charles Joss Smith, Camden, N. J.
 726 Wilford Maurice Ashley, Casey, Ill.
 727 Robert Bentley Hopley, Jr., SeaSide Heights, N. J.
 728 James Lee Elwick, Monette, Mo.
 729 Kurt Otto Placht, St. Louis, Mo.
 730 Kenneth Louis Pinciroli, St. Louis, Mo.
 731 John Window Padan, Evanston, Ill.
 732 Joseph Frank Kriqin, St. Louis, Mo.

MU

- 198 John Robert Alford, Elmore, Ala.
 199 Ralph Emerson Biez, Birmingham, Ala.
 400 Benjamin Clyde Bradley, Fairfield, Ala.
 401 John Dorey Collins, Marion, Ala.
 402 Kenneth Henry Dietz, Jr., Mobile, Ala.
 403 Adolphus Hugh Gibson, Jr., Birmingham, Ala.
 404 Donald Kenneth Jordan, Rahway, N. J.
 405 Robert Stewart Kulp, Ship Bottom, N. J.
 406 Robert Avery Moore, Cullman, Ala.
 407 Constantine William Morris, Birmingham, Ala.
 408 Wayne Thomas Mowz, Springhill, Ala.
 409 Robert Geare Fyler, Glassport, Pa.
 410 Neil Henley Shows, Montgomery, Ala.
 411 Leo Joseph Seydinger, Jr., Birmingham, Ala.
 412 John Thomas Whaler, Tualoosa, Ala.
 413 Leighton Clyde Wilson, Birmingham, Ala.

OMICRON

- 446 James Thomas Brady, Tipton, Iowa
 447 Walter Henry Johnson, Iowa City, Iowa
 448 Anthony John Mascopiano, Iowa City, Iowa
 449 Raymond August Books, Iowa City, Iowa
 450 Jack Lorraine Detrick, Vinton, Iowa
 451 Donald James Fitzpatrick, Maybrook, N. Y.
 452 Francis Lenn Wallace, Iowa City, Iowa
 453 Richard Wayne Hunter, Robins, Iowa
 454 Alfred Keith Brewer, Wichita, Kansas
 455 John Edward Warwick, Springfield, Ill.
 456 John Raps Everingham, Fort Madison, Iowa
 457 Rupert Edward Kenyon, Jr., Waterloo, Iowa
 458 Harold Ray Miller, Hannibal, Mo.
 459 George Loren Hamel, Manchester, Iowa

RHO

- 490 Fred Owings Drummond, Jr., Kennesaw, N. C.
 491 Lonnie Avery Grant, Jr., Selma, N. C.
 492 Samuel Riddick Herrill, Portsmouth, Va.
 493 Oddie Garfield Jenkins, Jr., Lexington, N. C.
 494 William Burns Kincaid, Gastonia, N. C.
 495 James Albert Lowe, High Point, N. C.
 496 George Paul Radman, Raleigh, N. C.
 497 John Francis Wiles, Asheville, N. C.

SIGMA

- 498 William Charles Anderson, Columbus, Ohio
 499 John Edward DeWitt, Urbana, Ohio
 500 Louis Joseph DeDomenico, Cleveland, Ohio
 407 Donald Warren Friedman, Chilliachthe, Ohio
 408 Gerald Clayton Manning, Mansburg, Ohio
 409 Frank Albert Simko, Jr., Columbus, Ohio
 410 Eugene Willard Tinsko, Lorain, Ohio

UPSILON

- 406 Edward Graper Barry, Jr., Little Rock, Ark.
 407 James Gordon Bonner, Jr., Springfield, Ark.
 408 William Clifton Briggs, Muskogee, Okla.
 409 Roy Edward Casper, Joubert, Ark.
 410 James Warren King, Helena, Ark.
 411 David Eugene Lashley, Fayetteville, Ark.
 412 Arthur Hilgard Rabcock, Fort Smith, Ark.
 413 Allen Broulette Vetter, Little Rock, Ark.

* Numbers assigned in Spring Gear listing

- 414 James William Yarbrough, Jonesboro, Ark.
 415 Louis Ray Heiple, Fayetteville, Ark.
 416 William Bernard Stiles, Fayetteville, Ark.
 417 Henry Luke Beasi, Jr., Pine Bluff, Ark.
 418 Billy Hugh Cunningham, Fayetteville, Ark.
 419 Charles William Smith, Little Rock, Ark.
- PHI
- 297 Richard Rex Berner, Indianapolis, Ind.
- OMEGA
- 431 Donald Dean Allgair, Madison, S. Dak.
 432 Ray Donald Appleby, Mobridge, S. D.
 437 Earl William Branson, Rapid City, S. D.
 438 Bernard Joseph Bull, Roswell, N. M.
 439 John Lyman Carter, Sioux Falls, S. D.
 420 Michael LeRoy Donch, Strasburg, N. D.
 421 James Richard Erskine, Scottsbluff, Neb.
- 422 Maurice Clark Furstenau, Rapid City, S. D.
 423 Alvin Duane Genslinger, Rapid City, S. D.
 424 Dorwin Ray Larsen, Cantonville, S. D.
 425 Kenneth Lee Leizer, Cantonville, Md.
 426 David Laurel Robbins, Rapid City, S. D.
 427 Rodger Allen Roemer, Deadwood, S. D.
 428 Duane Blair Skogen, Rapid City, S. D.
- GAMMA BETA
- 507 Christopher Kingsley Brown, Arlington, Va.
 508 Almerigo Giraldi, Silver Spring, Md.
 509 Stuart Thornton Tetzels, III, Arlington, Va.
- EPSILON BETA
- 70 Orion Demitriou, Detroit, Mich.
 71 Donald Anthony Kostillas, Detroit, Mich.

HOW TO STAY IN COLLEGE

(1) *Bring the professor newspaper clippings dealing with his subject.* Demonstrates fiery interest and gives him timely items to mention to the class. If you can't find clippings dealing with his subject, bring in any clippings at random. He thinks everything deals with his subject.

(2) *Look alert. Take notes eagerly.* If you look at your watch, don't stare at it unbelievably and shake it.

(3) *Nod frequently and murmur, "How true!"* To you, this seems exaggerated. To him, it's quite objective.

(4) *Sit in front, near him.* (Applies only if you intend to stay awake.) If you're going to all the trouble of making a good impression, you might as well let him know who you are, especially in a large class.

(5) *Laugh at his jokes.* You can tell. If he looks up from his notes and smiles expectantly, he has told a joke.

(6) *Ask for outside reading.* You don't have to read it. Just ask.

(7) *If you must sleep, arrange to be called at the end of the hour.* It creates an unfavorable impression if the rest of the class has left and you sit there alone, dozing.

(8) *Be sure the book you read during the lecture looks like a book from the course.* If you do math in psychology class and psychology in math class, match the books for size and color.

(9) *Ask any questions you think he can answer.* Conversely, avoid announcing that you have found the answer to a question he couldn't answer, and in your younger brother's second grade reader at that.

(10) *Call attention to his writing.* Produces an exquisitely pleasant experience connected with you. If you know he's written a book or an article, ask in class if he wrote it.

As to whether or not you want to do some work, in addition to all this, well, it's controversial and up to the individual.

(From October, 1948, N.E.A. JOURNAL)

"You can't beat the system," moaned a football player over his last semester grades. "I decided to take Basket-weaving for a snap course, but two Navajos enrolled and raised the curve and I flunked!"

Chapter Advisers

- ALPHA—Prof. Miles S. Kersten, C.E. Dept., University of Minnesota, Minneapolis, Minn.
- BETA—Prof. L. F. Duggan, Michigan Tech., Houghton, Mich.
- GAMMA—Prof. Geo. W. LeMaire, Colo. School of Mines, Golden Colo.
- DELTA—Prof. L. J. Reardon, C. E. Dept., Case Inst. of Tech., Cleveland, Ohio.
- EPSILON—Dr. Samuel P. Welles, 982 Santa Barbara Rd., Berkeley, Calif.
- ZETA—Prof. T. F. McMahon, 6 Westwood Dr., Lawrence, Kan.
- THETA—Prof. Walter LaPierre, E. E. Dept., Columbia U., New York 27, N. Y.
- IOTA—Prof. J. B. Butler, C. E. Dept., Mo. School of Mines, Rolla, Mo.
- LAMBDA—Prof. G. W. Carter, 1886 Lincoln St., Salt Lake City 3, Utah.
- MU—Prof. J. M. Faircloth, C. E. Dept., Univ. of Alabama, University, Ala.
- XI—Prof. G. A. Rohlich, 9 Hydr. Lab., Univ. of Wis., Madison, Wis.
- OMICRON—Prof. Ned Ashton, C. E. Dept., University of Iowa, Iowa City, Iowa
- PI—Prof. Lawrence Quarles, E. E. Dept., Univ. of Virginia, Charlottesville, Va.
- RHO—Prof. T. C. Brown, M. E. Dept., No. Car. State College, Raleigh, N. C.
- SIGMA—Prof. Donald R. Rhodes, 4424 Sharon, Columbus 14, Ohio
- TAU—Prof. Gerald Walsh, Dept. of Engr. Drafting, Bldg. #3, Syracuse University, Syracuse 10, N.Y.
- UPSILON—Mr. J. R. Bissett, C. E. Dept., Univ. of Arkansas, Fayetteville, Ark.
- PII—Prof. Harry L. Solberg, M. E. Dept., Purdue University
- CHI—Mr. Philip D. Newlin, University of Arizona, Tucson, Ariz.
- PSI—Prof. Koehler Stout, Montana School of Mines, Butte, Montana
- OMEGA—Mr. Howard H. Wells, S. D. School of Mines, Rapid City, S. D.
- GAMMA BETA—Dr. H. A. Miklofsky, School of Eng., George Washington U., Washington, D.C.
- DELTA BETA—Prof. M. G. Northrop, E. E. Dept., Univ. of Louisville, Louisville, Ky.
- EPSILON BETA—Prof. Harold G. Donnelly, Eng. Col., Wayne U., Detroit, Mich.

Alumni Notes

ALPHA

- Crook, Alfred E., Hon. Alpha*, is assist. professor of Aeronautical Engineering at the University of Minnesota, Minneapolis 14, Minn. and lives at 2687 Harvester Ave., St. Paul, Minn.
- Joseph, Thomas L., Hon. Alpha*, is Dean of the Mining School at the University of Minnesota in Minneapolis, Minn. but lives at 1383 Northrup St., St. Paul, Minn.
- Lee, Adolph Orlando, Hon. Alpha*, is assist. professor of mechanical engineering, University of Minnesota, Minneapolis 14, Minn. and lives at 1811 Berard Ave., St. Paul, Minn.
- Schnepfer, George John, Hon. Alpha*, is Professor of Sanitary Engineering at the University of Minnesota, and lives at 1344 Clinton ave., Minneapolis, Minn.
- Wheeler, Walter H., '06*, was elected president of the Minnesota Association of Consulting Engineers at the annual meeting held last May. His office is at 802 Metropolitan Life Bldg., Minneapolis, Minn.
- Knealton, Herbert Hamilton, '04*, is hydrographer for the State of Colorado Irrigation Division #2, 504 Central Bldg., Pueblo, Colo., and lives at 120 Marian Drive.
- Duncan, Kenneth, '19*, manager of mines for Pickands, Mather & Co. in Duluth, Minn., has retired but will remain as consultant to the company.
- Randall, Larson, '18*, who obtained his S.B. at M.I.T. in 1921, has a change in business address to 11 Melcher St., Boston 10, Mass. He is an executive of the Larson Randall

- Advertising Co. and the T. O. Metcalf Co. and has been engaged in industrial advertising and printing since 1925.
- Coe, Edward H., '18*, Col. EC., USA, has returned from Japan. He fought in Europe during World War II and received the Croix de Guerre from France and Order of Leopold II from Belgium. He is now at Ft. Belvoir, Va.
- Erickson, Hugh, '26*, was elected president of the Minneapolis Engineers' Club at the May election of officers. He lives at 1131 Grand Ave. S., Minneapolis, Minn. At the same election Bob Adson, '18, was named to the Board of Directors.
- Hesley, Evans Maitland, '29*, but to us for many years, has been located as District Plant Supt., New Jersey Bell Telephone Co., 12 Ferry Ave., Collingswood, N.J., and lives on Stackhouse Drive, Yardley, Pa.
- Anderson, Clifford O., '22*, is associate professor of Mech. Engr. at N.D. Agricultural College in Fargo, N.D. and lives there at 1214 10th St., North.
- Peterson, Harlow C., '31*, has been elected Vice-President of Texas Gulf Sulphur Co.
- Bueman, Morris Woodburn, '47*, is a mining engineer in the engineering department, Anaconda Copper Mining Co., Henney Bldg., Butte, Montana, and lives at 1374 Elm St., Butte.
- Wood, Richard D., '38*, and Miss Betty Wright were married on October 21, 1942. Home is at 705 Summit ave., St. Paul, Minn.

BETA

- Earing, Roy B., '08*, has opened an office as a mining consultant at 204 Central Building, Seattle, Wash.
- Gould, Edgar H., '11*, has retired and is living at 3615 Dale Ave., Tampa, Florida.
- Cameron, Charles Burch, '12*, has retired at mine supt. of the Iskouda Mines of the Tenn Coal, Iron & Ry. Co. and is now addressed at 1821 41st St., Belview Heights, Birmingham 4, Ala.
- Cox, Raymond A., '12*, is engineer for Dougan & Heims, 104 Portland Trust Bldg., Portland, Ore., and lives at 3204 NE 64th Ave., Portland.
- Chaffin, Charles E., '13*, lives at 1344 East 9th South, Salt Lake City, Utah.
- Apoll, Gideon A., '13*, mining engineer with the U.S. Bureau of Mines, is now at the Boston office, 261 Franklin St.
- Hicks, Frank V., '15*, is now general superintendent of coal mines and quarries, Columbia Geneva Steel Div., U.S. Steel Co., Drexelton, Utah.

- Rogers, Kenneth A., '18*, is chief engineer at the Greenville Air-Force Base, Greenville, Minn. and lives at 321 South Drive.
- Abrahamson, Carl W., '22*, is assistant resident engineer with the Aluminum Company of America at Kamano, British Columbia, Canada.
- Vanderberg, William O., '22*, who is with the Defense Material Procurement Agency, can be reached through the American Embassy in London, England.
- Peterson, P. Harold, '23*, can be addressed Box 763, Eveleth, Minn.
- Satterly, Raymond D., '23*, is manager of iron mines for Inland Steel Co., Isipeming, Mich. He is also serving his second term as president of the Mich. Tech Alumni Assoc.
- Paquette, Radnor J., '27*, is now professor of Civil Engineering at Georgia Tech. His Textbook "Highway Engineering" is used by many colleges. Home is at 1871 Ardmore Road, Atlanta.

- Town, Lyle P.*, '28, is now living at 313 Cooper Ave., Hancock, Mich.
- Hawn, A. Conard*, '31, now reports a mailing address at 1202 Maple Ave., Shawinigan Falls, Quebec.
- Becker, Julius*, '32, is construction engineer for the Michigan State Highway Dept., Cadillac, Mich.
- Peterson, Gilbert E.*, '32, is supervisor of asphalt sales for Imperial Oil Ltd. at Leaside, Ontario, Canada.
- Scha, Hans H.*, '34, is consulting engineer for the Hochschild Mores, in Santiago, Chili, S. A.
- Allen, John U.*, '35, Col. USA, Engr. Corps, is a member of the faculty, Command and General Staff Co., Leavenworth, Kansas.
- Krieg, Edward*, '35, is with the Southern Production Co., Ft. Worth, Texas.
- Nekerev, Bruce J.*, '36, has moved to 1014 Summit Dr., Charleston 2, West Virginia.
- Krohn, Herbert F.*, '38, is a salesman for Bethlehem Steel Co., 400 N. Mich., Chicago, Illinois, and lives at 111 S. Stough St., Hinsdale, Ill.
- Andrew, David J.*, '40, reports the birth of a son, James Alexander, born Feb. 26, 1951, in Simsbury, Conn. where he can be reached c/o Ensign-Bickford Co.
- Kesley, James A.*, '40, is with Deloro Smelting & Refining Co., Deloro, Ontario, Canada.
- Shawhan, Roger T.*, '40, Major USAF, is stationed at Wright-Patterson Air Force Base, Dayton, Ohio.
- MacDonald, Gordon R.*, '42, is at the plant of the General Electric Co. in Johnson City, New York, and lives at 3 Druid Place, Binghamton, N.Y.
- Moberg, Wesley O.*, '41, Lt. Col. USA, is serving in the far east.
- Van Eyra, Robert W.*, '41 is now mining engineer for Calumet & Hecla, Inc., Calumet, Mich.
- Decker, Elaine R.*, '44, Major USA, was granted an M.S. in Civil Engineering by Harvard in June, and is now on the teaching staff at West Point Military Academy where he will be for the next three years. He graduated from West Point after receiving his degree at Mich. Tech.
- Martin, James W.*, '44, is on the Board of the Engineers' Society of Milwaukee. He is research engineer for Bucyrus-Erie Co. in Milwaukee.
- Robillard, Robert*, '44, is engineer-manager of the Cass County (Michigan) Road Commission.
- Burger, David H.*, '46, is at Michigan State College studying for his master's degree.
- Fritz, Raymond R.*, '46, is chief metallurgist for Amgers Inc. in Chicago, Ill.
- Borden, Harold M.*, '47, lives at 224 E. 9th, Cincinnati, Ohio.
- McKerghan, George F.*, '47, reports the birth of Nell Fleming on Sept. 4, 1952.
- Draso, Theo. E.*, '48, is metallurgist at U.S. Steel Co., South Works, Chicago, Ill. in the process control dept.
- Hansen, Walter J.*, '48, and Miss Peggy Ann Verry were married in West Palm Beach, Fla. on April 10, 1953. He is a service engineer with Boeing Airplane Co. of Seattle and currently assigned to Palm Beach International Airport.
- Puall, Robert W.*, '48, is in the Research & Development Dept. of A. O. Smith Co. in Milwaukee, Wisconsin.
- Schomb, Richard D.*, '48, is with Phillips Petroleum and lives at Rt. 1 Box 427A11, Bartlesville, Okla.
- Johnson, Robert E.*, '48, Lt. USAF, is stationed in Albuquerque, New Mexico, and lives at 4910 Arroyo Blvd. NE.
- Phillips, James G.*, '49, is with Penn-Dixie Cement Corp. in Butler, Pa. but now gets mail at R.D. 4, Butler, Pa.
- Ainslie, Norman G.*, '50, Lt. USA, was married last October to Marion Davis of Berwyn, Pa. He will be stationed in Wiesbaden, Germany, for the next three years at a weathercaster.
- Berman, Thomas E.*, '50, has been called back to the army, and mail should be sent to 41 Wellerly Drive, Pleasant Ridge, Mich.
- Egeland, Daane R.*, '50, is employed by Hubbell, Roth, & Clark Inc., Buhl Bldg., Consultants, in Detroit, Mich. He has started work at Wayne University on his Master's degree. In May 1952 he was married to Miss Elvira Simon of Detroit and home is at 5742 Coplin.
- Kelley, Dean R.*, '50, and Miss Judith Cardy were married in Cleveland, Ohio on April 21, 1953. They are living in East Lansing, Mich., where he is employed by the Jarvis Construction Co. of Lansing.
- Livingston, Richard W.*, '50, reports the birth of a son on Nov. 6, 1952.
- Morrow, John T.*, '50, reports his marriage to Miss Carol S. Tyne of Maplewood, New Jersey, on November 29, 1952. John is employed by the Gulf Oil Co., Boston Sales Div., Boston, Mass., 31 St. James St.
- Mafia, Donald S.*, '50, and Miss Frances Koti were married on Dec. 27, 1952. He is a mining engineer with Jones & Laughlin Ore Co. in Ishpeming, Mich.
- Stevenson, David R.*, '50, is sales application engineer with Allis-Chalmers Mfg. Co., Milwaukee, Wis.
- Sponner, Kay A.*, '50, has been released from the army and is in the employ of a professional civil engineer, Benton-Harbor, Mich.
- Branden, William E.*, '51, is in the design department, U.S. Arsenal, Detroit, Mich.

Cassette, Dominic A., '11, is at Lackland Air Force Base in Texas.

Larson, Lionel N., '31, and Miss Shirley Marie Sonnastine were married August 16, 1932, and are living at 704 N. Main St., Itheping, Mich.

Lewis, Lawrence K., '31, reports the birth of a son, Gregory Ford, born January 10, 1933. He is a research engineer with Jones & Laughlin Steel Corp. in Negaunee, Mich., and the family home is at 449 West Division St., Itheping.

Mroczk, James J., '11, is field engineer for K. F. Dalley & Co., Detroit, Mich., presently in Flint, Mich., where he lives at 104 East Marquis, Ave. Son Paul William was born on July 2, 1933.

Beckquist, William L., '32, and Miss Judith Holms were married on October 18, 1932. Bill is with Nordberg Mfg. Co. in Milwaukee, Wis.

Lamb, Lawrence J., '32, is a mining engineer at the Helen Mine, Jamestown P. O. Wawa, Ontario, Canada.

Patton, James O., '32, ex P., is an officer at Turner Air Force Base, Albany, Georgia.

Sheldon, Wright C., '32, Lt. USAF, is stationed at Columbus Air Force Base, Min.

Urich, Daniel M., '32, and Miss Mary Elizabeth Bamford were married in August. He is now 2nd Lt. USA, stationed at Ft. Belvoir, Va.

Warren, Frank R., '32, has been called back to active duty in the Marine Corps.

Baldrop, Wayne W., '33, is working for his Master's at M.I.T.

Dufour, Gerald L., '33, Lt. USA, is at Ft. McClellan.

Glover, Douglas, '33, Lt. USAF, is stationed at Wright-Patterson A.F.B. in Ohio, in the Research Command.

Michel, Philip R., '33, is a junior chemical engineer for E.I. du Pont de Nemours & Co. at Niagara Falls, N.Y.

Parr, Ray L., '33, is a metallurgist with International Nickel Co., in Sudbury, Ontario, Canada.

Vredsvold, Donald R., '33, is with Carbide & Carbon Chemicals Institute in West Virginia.

Whalen, James A., '33, is a Private at Ft. Knox, Kentucky.

GAMMA

Boutright, Byron B. Hon Gamma, is associated with the Houston Natural Gas Production Co., Box 1183, Houston, Texas.

Russell, D. G., '09, lives at Ashton Manor Nr. Esher, Devonshire, England. His son, "Mike", is Gamma '33.

Matheson, Kenneth H., '11, Consulting Engineer for N.Y. & Honduras Rosario Mining Co., is again at his home, 28 Polo Drive, Colorado Springs, Colo.

Walker, Stanley M., '11, can now be addressed c/o Technical Cooperation Adm., Kathmandu, Nepal, via American Embassy, New Delhi, India.

Kinlock, Alex., '32, consulting mining engineer who lives in Laurinton, N.J., asks that mail be sent to him at 70 Pine St., New York 3, N.Y.

Finn, Alfred R., '11, has been promoted to resident mining engineer in the main New York City office of New Jersey Zinc Co.

Nolan, Philip E., '13, retired, lives at 1332 Harbor Drive, Sarasota, Florida.

Sordaker, Eugene G., '14, is on the staff of the American Chrome Co., Nye, Montana.

McKnight, Hugh S., '11, now lives at 1390 Dunvegan Road, Town of Mount Royal, Quebec, Canada.

Coulter, R. S., '19, assistant to the vice-president, Bethlehem Pacific Coast Steel Co., receives mail c/o the company at 20th & Illinois St., San Francisco, Calif.

Miller, Gay E., '19, geologist, Shell Oil Co.,

now lives at 1014 Warrham Drive, Whittier, Calif.

Clark, James A., '21, has been appointed an executive, Standard Oil Co. (N.J.), 30 Rockefeller Plaza, New York, N.Y.

Frentiss, Louis W., '21, Brig. Gen'l, USA, is with The Engineer Commissioner, District Bldg., Washington, D.C.

Jones, David L., '22, owner of the Dinos Supply Co. has his business address at 4404 Race St., Denver Colo.

Martin, Amor B., '23, for many years in Butte, is now Research Consultant for the Washington Water Power Co., Spokane, Wash.

Keller, Howard F., '24, formerly manager of mines in Bilitria, is now general superintendent of the Naica Unit, Naica, Chihuahua, Mexico, for the Fresnillo Co.

Amidon, Bert., '25, can be addressed at 111 East Hyde Park Place, Inglewood, Calif.

Christopher, John., '25, now lives at 108 19th St., Manhattan Beach, California.

Delabonty, Frank., '25, for many years with Baguin Gold Mining in the Philippine Islands, now gets mail at 1137 18th St., Sacramento, California.

Stott, Charles, E., '25, is with Tyamoh Corp. Ltd., Tyamoh, Southwest Africa.

Brown, Leroy T., '26, is a consulting engineer with offices at 107 E. Main St., Gouverneur, N.Y.

Downing, Wayne H., '26, geologist-geophysicist, United Geophysical Co., gets mail at his home, 644 East California St., Pasadena 3, Calif.

- LeMaire, George Wilson*, '26, is associate professor of petroleum engineering at the Colorado School of Mines and lives at 4 Mines Park, Golden, Colorado.
- Derry, Philip*, '27, may now be addressed c/o J. W. Winter Suez, Apartado Postal 97, Torreon, Coah., Mexico.
- Holmes, Thomas J. Jr.*, '27, chief engineer with Ackerman Tool & Construction Co., Inc., lives at 411 Marion St., Harvey, La.
- Wells, Thomas L.*, '29, is staff mining engineer with the Atomic Energy Commission in Washington, D.C. Mail should be addressed to Box 271, Middleburg, Va.
- Zwick, Ben F.*, '29, is manager of the Oil & Gas Dept. of the Chemical Bank & Trust Co., 161 Broadway, New York 11, N.Y. Home is Apt. 1-G, Evans House, Gerth Woods Apts., Scarsdale, New York.
- Carter, Edward L.*, '31, owns a number of companies—Acera House, Inc., Flint Steel Corp., Tool Steel Gear & Pinion Co., W. D. Moore Co., and American Power Pump—all directed from his office 1940 KCA Bldg., 10 Rockefeller Plaza, New York 20, N.Y. Mail should be sent to his home, Deepwood Road, off Eagle Drive, Stamford, Conn.
- Dickey, Kenneth W.*, '31, engineer with U.S. Reclamation Service, gets mail at Rt. 2, Box 371-A, Loveland, Colorado.
- Marshall, J. G.*, '31, Vice President of the Fluor Corp. of Canada Ltd., has offices at 208 Bloor St. E., Toronto, Ontario, Canada.
- Robison, John L.*, '31, has years in charge of mines in Bolivia, is now with International Minerals & Chemical Corp. in Florida, and can be addressed at 2210 Avenida de la Palma, Barrow, Fla.
- Kampf, John S.*, '32, has a new address, 5000 Elmwood, Bakersfield, Calif.
- Trembly, Nelson E.*, '32, gets mail at P.O. Box 407, Terre Haute, Indiana.
- Harrison, Robert W.*, '33, has changed the address of his firm to 1069 San Jacinto Bldg., Houston 2, Texas.
- Osborn, Clyde*, '33, is now with the Keer-McGee Oil Industries, Inc. as manager of operations for their Navajo Uranium Division, Room 107, Keer-McGee Bldg., Oklahoma City, Okla.
- Jeffries, Edgar H.*, '34, announces the birth of a son. Ed is with the Surface Combustion Co. of Cleveland, and home is at 2077 Hanover Drive, Cleveland Heights 12, Ohio.
- McClell, Frank L.*, '34, is with the Industria Quimicas Brasileiras "Duqueral" S.A. Mail should be sent to him at Caixa Postal 4112, Sao Paulo, Brazil, S.A.
- Year, Kenneth D.*, '35, Vice President and General Mgr. of United Stone Co. in Ypsilanti, Mich., lives at 2608 Brockham Blvd., Ann Arbor, Mich.
- Turchan, T. P.*, '35, is now with the American Cyanamid Co. and lives at 840 College Ave., Niagara Falls, New York.
- Adams, George H.*, '36, Supt. Crestmont Div., Riverside Portland Cement Co., now lives at 4949 Auckland Ave., North Hollywood, Calif.
- Smith, Macy W.*, '36, is now with the Canadian Gypsum Co., Box 406, Guelph, Ontario, Canada.
- Mundy, Richard D.*, '36, can be addressed at 1920 Market, Denver, Colo.
- Morin, Carl*, '36, lives at 9717 W. 18th Ave., Lakewood, Colo.
- Estabrook, Henry B.*, '38, mine foreman for the Tenn. Copper Co. at Ducktown, Tenn., reports the birth of another daughter on October 15, 1952.
- Torr, Charles M.*, '38, has been promoted to district production Supt. for Continental Oil Co. His address is Route 1, Griffin, Indiana.
- Baker, Thomas C. Jr.*, '39, has moved again and is now with the American Manganese Steel Div. of the American Brake Shoe Co. at 109 N. Wabash Ave., Chicago, Ill. He has bought a home at 721 Washington Ave., Wilmette, Ill., and hopes he will not have to move again. The Grand Scraper shares that hope.
- Blair, Robert J.*, '39, is now general superintendent of the Black Diamond Coal Mining Co. and lives at 118 E. Glenwood Drive, Birmingham, Ala.
- Brewer, L. J.*, '39, is mining engineer for the American Adhesion Cement Co., and gets mail at 123 Council, Tucson, Ariz.
- Hiroux, Schayler A.*, '39, is technical director, Titanium Metals Corp. of America, Henderson, Nevada, and lives at 301 N. 11th, Las Vegas, Nevada.
- Provey, Simon William*, '40, can be addressed General Delivery, Farmington, New Mexico.
- Berta, Joseph Q.*, '41, is now superintendent of mines, Traxx-Trax Coal Co. and gets mail at 2465 Poplar St., Terre-Haute, Indiana.
- Chambers, Floyd T.*, '41, Field Engineer for Stanolind Oil & Gas Co., is now in California and makes his home at 18724 Lendale St., North Hollywood, Calif.
- DeGooz, Louis*, '41, Lt. Col USAF, had added a daughter to his growing family as of July 22, 1953. He is acting chief, Installation Engineering School, USAF Institute of Technology, Wright-Patterson AFB, Ohio.
- Heymaker, E. R.*, '41, is now supervising engineer, Natural Gas Dept., Phillips Petroleum Co., Bartlesville, Okla.
- Hutchinson, Glen H.*, '41, reports that he is now a Supervisory Engineer in the Research Division of The Austin Company, and lives at 19870 Lake Shore Blvd., Cleveland 19, Ohio.

- Jankka, Wilfred E.*, '41, is at 431 S. Washington, Denver, Colo.
- Patty, Walter Lamar*, '41, Technical Representative for DuPont, has a new residence address at 4354 SE 29th Place, Portland, Ore.
- Bousman, William H.*, '42, now lives at 3057 W. 19th Ave., Denver, Colo.
- Leigh, L. B.*, '42, is working for the city of Colorado Springs, Colo. where he lives at 15 E. Columbia St.
- Moss, Joel M.*, '42, gets mail at Box 90, Homer Alaska.
- Moe, Richard F.*, '43, is supt. White Pine Copper Co., White Pine, Ontonagon County, Michigan.
- Reyz, E. S.*, '43, is geologist for American Chrome Co., Nye, Mont.
- Smith, Eugene H.*, '43, is Operations Coordinator, Atomic Energy Division, Phillips Petroleum Co. and lives at 621 Northrup, Idaho Falls, Ida.
- Brown, T. Walter*, '44, reports the birth of Ella Frances, on September 27, 1932. He is manager of the Brown Fence Co. and lives at 2077 Hanover Drive, Chattanooga, Tenn.
- Hedford, Thomas C.*, '44, is now with Newmont Mining Co. in Tombstone, Arizona.
- Anderson, J. C.*, '41, is with Kaiser Aluminum & Chemical Corp. and mail will reach him at Spur Tree Post Office, Jamaica, B.W.I.
- Gasper, Louis E.*, '41, is Resident Engineer, Union Pacific Oil Co., Box 19, Superior, Wyoming.
- Baker, Sidney M.*, '47, party chief for Phillips Petroleum Co., gets mail at Box 13, Enid, Okla.
- Buber, E. D.*, '47, gets his mail at the Technos Club, Santa Barbara, Chihuahua, Mexico.
- Ferris, Bernard J.*, '47, District Geologist with the Shell Oil Co. exploration department, can be addressed at 1607 South Kansas, Roswell, New Mexico.
- Kedding, H. Dell*, '47, who is assistant district Big Supt. for Phillips Petroleum Co., now lives at 9142 Leto Road, Houston 24, Texas.
- Seaton, Frank E.*, '47, ore testing engineer for the Denver Equipment Co., now lives at 2633 Krameria St., Denver, Colo.
- Spain, W. F.*, '47, lives at 212 Grove St., Bishop, Calif.
- Zimmerly, Richard F.*, '47, is party chief for The Texas Co. and gets mail at P.O. Box 19, Red Deer, Alberta, Canada.
- Brown, Charles W.*, '48, Capt. USA, after eighteen months in the service, half of it in Korea with the 11th Engineers, is a civilian again with Atlas Powder Co., and lives at 1141 South Harrison, Denver, Colo.
- Hlynn, John J. Jr.*, '48, is with Utah Construction Co. and mail should be sent to 2411-B North Park Ave., Tucson, Ariz.
- Hochberg, Samuel M.*, '48, sales engineer for Atlas Powder Co. lives at 113 South Berks St., Allentown, Pa.
- Matheson, Kenneth H., Jr.*, '48, is employed by the Kennecott Copper Co., in Bonham Canyon, Utah, where he gets mail at Cypress Hall.
- McClary, H. G.*, '48, lives at 1840 Walburn, Ft. Worth 7, Texas.
- McDonald, James T.*, '48, is Sales Representative, Atlas Powder Co., and can be addressed at his home, Apt. 314 Boise Hill Village, Boise, Idaho.
- McNamara, William F.*, '48, is General Engineer for the U.S. Bureau of Reclamation and lives at 764 Williams Lane, Las Cruces, New Mexico.
- Miner, Gordon M.*, '48, gets mail at 821 West 4th St. Silver City, New Mexico.
- Peter, Philip W.*, '48, lives at 201 Colorado Ave., Grand Junction, Colo.
- Rader, Miles T.*, '48, is Stratiographer for U.S. Smelting, Refining & Mining Co., 1902 Division St., Billings, Montana, and lives there at 1009 North 31st St.
- Rogers, Douglas V.*, '48, is petroleum engineer with the Colorado Oil & Gas Conservation Commission, and lives at 3347 South Holly St., Denver, Colo.
- Sverley, John G.*, '48, is now with the Rio Argentine Co., Rico, Colo.
- Wilson, John H. II.*, '48, is now addressed at 7921 White Settlement Road, Ft. Worth, Texas.
- Allen, L. B.*, '49, is district representative for Colorado Fuel & Iron Co. in Salt Lake City, Utah, 411 Walker Bank Bldg., Salt Lake City. Home is 801 East 1th S., Beautiful, Utah.
- Omura, John G.*, '49, with the Northern Pacific Ry. Co. lives at 1124 Lynn Ave., Billings, Montana.
- Ramsdell, J. A.*, '48, is Seismic Computer for Continental Oil Co. in Florida where his home address is 109 West Effie St., Arcadia.
- Daly, Francis V.*, '49, is geophysicist for Standard Oil & Gas Co. and gets mail at Box 192, Donaldsonville, La.
- Irish, Charles W.*, '49, is working as a chemical engineer for General Electric Co. at the Chemical Products Works, 1099 Irvadine Road, Cleveland 10, Ohio. Home is at Apt. 109, 214 East 244th St., Euclid 22, Ohio.
- Krugry, Harvey J.*, '49, employed by Exploration Service Co., can be addressed at P.O. Box 292 Scott City, Kansas.
- Korn, Norman*, '49, who is engineer for Black, Scalls & Bryson, lives at 100 Jackson St., Denver 6, Colorado.
- Martin, Richard G.*, '49, Party Chief, Drillers Inc. Seico Div., is addressed at Box 547, Great Bend, Kansas.
- Mercier, Francis Patrick*, '49, is now petroleum engineer for Richard S. Rheem, Oil

- Producer, Bakersfield, Calif., and lives at 670 Skyline Blvd., Bakersfield.
- Bunch, Richard**, '31, is petroleum geologist for the McElroy Ranch Co. of Ft. Worth, Tex., and lives at 3812 Frazier, Ft. Worth.
- Brown, Douglas E.**, '31, Lt. USA, has graduated from the Far East Command Chemical School at Camp Gifu, Japan.
- Coombs, John**, '31, can be addressed at Apt. 2, 1744 Belvoeur, Houston, Texas.
- King, George Y.**, '31, lives at 2114 NW 22nd St., Oklahoma City, Okla.
- Naugle, John J. Jr.**, '31, is in Operations Analysis Dept., Esso Standard Oil Co. Bayway Refinery, Bayway, N.J. Home is at 486 Spruce Ave., Garwood, N.J.
- Chabot, Stewart**, '32, is a graduate student at Stanford and gets mail at 183 Maryland St., Redwood City, Calif.
- McCullough, Charles N. Jr.**, '32, is an exploration engineer with Shell Oil Co., and lives at 2457 Pierpont Blvd., Ventura, Calif.
- Thomas, R. A. Jr.**, '32, is in the Petroleum Engineering Dept. of Crude Petrol. Corp., and addressed in their care at Quinquari, Estado Monagas, Venezuela.
- Watts, William Donald**, '32, lives at 2801-2nd Ave. E. Hibbing, Minn.
- Wilson, Robert G.**, '32, is chemical engineer with the Jefferson Chemical Co., and home is at 3143 Perry St., Denver, Colo.
- Young, Charles P.**, '32, is working for the Potash Co. of America, and lives at Apt. #7, 911 N. Guadalupe St., Carlsbad, New Mexico.
- Burjean, William P.**, '33, is working in the geophysical department of the Superior Oil Co. in McAllen, Texas, and gets mail there at P.O. Box 623. **William Strain, Gamma**, '33, is with the same company, in Houston, Texas.
- Heeger, Dale**, '33, is with Sunray Oil Corp., Fortson, Texas, but his mailing address is 709 Johnson St., Big Springs, Texas.
- Hunter, Edgar T.**, '33, gets mail at Box 122, Oracle, Arizona.
- Morgan, Bill Jr.**, '33, may be addressed 01929311, student officers company, 81th EOBC, Ft. Belvoir, Va.
- Rebeck, Joe**, '33, was awarded the George W. Harris Scholarship of \$100.00.
- Silfason, Clyde W.**, '33, gets his mail in care of the Forge Plant, Aluminum Co. of America, 2210 Harvard Ave., Cleveland, Ohio.

DELTA

- Kline, Zeno Clyde**, '36, charter member, has retired as Glass Technician for General Electric Co., 1183 East 112nd St., Cleveland, Ohio, and now lives on Center Knoll Farm, RR #7, Marion, Ohio.
- Fawcett, Donald F.**, '37, is senior engineer, Curtis Wright Corp., Columbus, Ohio.
- Tompson, Lawrence Eugene**, '33, is with SE Distributors of Miller Parking Meters, 433 N. Wood St., Chicago, Ill., and lives in Bradenton, Florida.
- Meckel, Walter F.**, '37, has left Bolivia, and can now be addressed at 612 Avenida Grau, Magdalena Nueva, Lima, Peru, S.A.
- Jones, Robert**, '34, is with the Hoover Co., N. Plainfield, N.J.
- Creshead, William**, '38, now lives at 704 Hepetown Road, Westover Hills, Wilmington, Del.
- Sears, Gen. F.**, '42, is now professor of Civil engineering at Georgia Institute of Technology, Atlanta, Ga.
- Follock, Milton**, '43, is manager of the Husky-Follock Ford Agency in Garrettsville, Ohio.
- Rutz, John**, '43, lives at 18 Linnell Dr., London N.W. 11, England. His mailing address is ONR, Box 39, Navy 100, Fleet Post Office, N.Y.
- Stingwell, Ted**, '43, is with General Electric Co. in Cincinnati, Ohio, and building a home, but we do not have the address.
- Young, Jack**, '43, is a patent lawyer with Hyde, Meyer, Baldwin & Duran in Cleveland, Ohio.
- Jeromon, James R. Jr.**, '44, is now an assistant at Case and the family home is at 2940 Tall Tree Trail, Wickliffe, Ohio.
- London, Harry**, '44, reports the birth of a son, Mark, in May. Harry is with Brook Haven National Laboratory, Upton, Long Island, N.Y.
- Mosler, Roger David**, '41, received an M.S. from the Minn. School of Mgmt. He is a partner of the Spar-Tan Eng. Co., 2441 Enterprise St., Los Angeles, Calif. Home is at 1810 Meadowbrook Road, Alhambra, Calif.
- Lee, James J.**, '46, is a structural engineer with the U.S. Army Engineers at the Garrison Dam, N.D. and the family home is at 101-2 Montana Ave., Riverdale, N.D.
- Osman, Albert J.**, '46, and Max Lorraine Berg were married in Waverly, Iowa in June. He is engineer for the Reserve Mining Co. in Duluth, Minn., and they live there at 822 E. Third St.
- Green, Thomas A. Jr.**, '47, is assistant professor of physics at Wesleyan University, Middletown, Conn.
- Estabrook, Richard**, '48, is manager, fluid heating valve, Foster's Pressed Steel Corp., and lives at 118 N. Vine St., Fostoria, Ohio.
- English, Wallace**, '49, is with the Barons Mfg. Co. in Mansfield, Ohio.

Hoag, Charles, '49, operates the Dairy Queen Store in Ashland, Ohio.

Lavelle, James, '49, and Miss Norma Perry were married in Warren, Ohio, in April. He is metallurgist for U.S. Steel Co. They live at 473 Scott NE.

Bigger, James, '10, has a new home address at 11991 Fairmount Road, Cleveland. He is with Reliance Electric & Engineering Co.

Robinson, William, '10, with Bailey Meter Co. in Cleveland, reports the birth of twin sons, Danny and Davey, in May. Home is at 426 E. 272nd St., Cleveland.

Shaver, Jack, '10, Lt. USAF, is now at the air base at Trier, Germany.

Zoller, William, '10, lives at 1617 Avalon Road, Cleveland, Ohio.

Redner, Charles, '11, is now with Westinghouse Electric Corp. in Vicksburg, Miss.

Gallagher, Lee, '11, reports a son, Paul, born in March 1953. Lee is an instructor at Case and working for his M.S.

Sontela, Pat, '11, received an M.S. from the Chrysler Institute of Engineering in Detroit.

Shackman, Richard, '11, and family, live at Hotel Continental in Verdun, France, where he works for Richard Hawley Cutting & Assoc.

Steel, Eugene F., '11, Lt. USAF, and Miss Elizabeth Hlubik were married in June. He is stationed at the Wright Air Development Center, in Dayton, Ohio.

Colon, Howard, '12, reports a son, David, born in April 1953. Howard is process engineer with the Brown-Lipe-Chapin Dev., General Motors Corp., and lives at 1034 Amherst Rd., Lorain, Ohio.

Hilderbrand, George Jr., '12, is in the Marines, but we have no address.

Kasank, Robert, '12, Ensign USN, is capt. of the repair Dept. USS Falcon (AS11) at present in New London, Conn.

Proffers, Norman, '12, is field engineer for Airtrans Supply Co. in Akron, Ohio, and lives at 1916 Cuyahoga Falls, Ohio.

Schneider, Lee, '12, Ensign USN, is at the Ninth Naval District Public Works, Great Lakes, Ill.

Marshall, Raymond, '13, is employed by Sandia Corp. in Albuquerque, N.M. and mail will reach him c/o Sandia Base, Albuquerque.

Oppenlander, Joseph C., '13, reports a change of address in 940 Rogers St., Bucyrus, Ohio.

EPSILON

Behr, Ernest Edward, '10, called on the Grand Scribe in August. He is in the fertilizer production business and home is at 968 Helen Ave., Yuba City, Calif.

Christie, Lawrence Glenn, '20, is senior geologist with Shell Oil Co., 30 West 10th, New York City, and lives at 2 Plymouth Road, Port Washington, New York. He has been with Shell over 30 years.

Shannon, Phillip J., '22, has been elected a director of Day Mines Inc., Wallace, Idaho.

Green, Frederick C., '23, has been appointed Asst. Genl. Mgr. of the Utah Copper Division, Kennecott Copper Corp., in Salt Lake City, Utah. He has been with Kennecott since 1924.

Wiley, Gloyd M., '23, is Mgr. Mining Dept., National Lead Co., Texas Mining & Smelting Division, Laredo, Texas.

Eaker, Robert E., '32, an authority on tungsten ore concentration, is with Canadian Exploration Co., Selma, British Columbia, Canada.

Fleming, George Bernard, '33, is district sales manager, Rheem Mfg. Co., 1001 Jeff Highway, New Orleans, La., and lives at 1126 Loyola Ave., New Orleans.

Richard, F. V., '33, is now Western Manager of the A.S. & R. Co. in Salt Lake City, Utah. Home is at 1486 E. 11th South, Salt Lake City.

Sordien, T. Alfred, '33, is now manager of the Southwest Division of the A.S. & R. Co. with headquarters in Tucson, Arizona, where he lives at 4814 E. Fairmount St.

Johnson, Fremont T., '34, is addressed at Oracle, Ariz.

Foutsmaeller, Paul S., '34, can be addressed Box 22, Evergreen, Colorado.

Stratton, J. J., '34, is now general manager of all the operations of the Black Rock Mining Co., both in the Bishop, Calif., area and in Lincoln County, Nevada, where large mills are producing tungsten concentrates. Home is at 471 Clarke St., Bishop, Calif.

Artero, Claude J., '35, is with Western-Knapp Engineering Co., 740 Fulton St., San Francisco, Calif.

Straub, David R., '35, is with Western-Knapp Engineering Co., 431 South Dearborn St., Chicago, Ill. Home is at 2623 Park Place, Evanston, Ill.

Sturgeon, Gales H., '35, will be in charge of the new division office of the Shell Oil Co., oil exploration department, in Salt Lake City, Utah. The division covers all or part of seven western states. He will be division exploration manager and has been senior geologist in the Los Angeles office.

Johnson, Russell George, '36, is assistant chief engineer, refining division, Becthil Corp., 62 First St., San Francisco, Calif., and lives at 1 Tamalpais Vista Circle, San Rafael, Calif.

Lord, John Frederick, '38, is Process Engineer for the American Smelting & Refining Co., 600 Pacific National Life Bldg., Salt Lake

- City 3, Utah, and lives at 468 East 1st South, Salt Lake City.
- Harding, I. W.*, '32, has opened his own consulting office in Long Beach, Calif. For many years he has been with the Hancock Oil Co. as geologist.
- Crittenden, Max Derment*, '41, is geologist, manganese division, U. S. Geological Survey, Washington 25, D. C. and lives at 734 Northampton Drive, Silver Springs, Md.
- Swoley, Warren Barrett*, '42, is geologist for Ralph Lowe, Oil Producer, Equitable Bldg., Denver, Colo., and lives there at 2484 South Jackson.
- Down, James R.*, '43, is teaching in the geology department of Rensselaer Polytech Institute in Troy, New York.
- Tocher, Don*, '41, who was a geophysicist before the Navy called him back, is Lt. USN and on the staff of the Commander Destroyer Squadron 13, aboard the USS *Boyd*.
- Mosemann, David B.*, '47, is an instructor in geology, University of Nevada, and lives at 863 Ryan Lane, Reno, Nevada.
- Blankenship, William D.*, '50, is a geologist with Corpus Christi Division, Shell Oil Co., in Corpus Christi, Texas.
- Pepperdine, George*, '50, a junior petroleum engineer with Standard Oil Co. of Calif. in San Francisco, lives at 717 Liberty St., El Cerrito, Calif.
- Griffin, Jack*, '51, and Miss Barbara Maitson were married in April in Hibbing, Minn., where he is selling metallurgical equipment for Western Machinery Co.
- Lasson, Rowland*, '52, is a petroleum engineer for Stanolid Oil & Gas Co., in Tulsa, Okla., and in the Production Department.
- Rowland, David J.*, '52, is with Shell Oil Co., Rt. 1, Box 447, Fullerton, Calif.

ZETA

- Buckhaemon, Joseph P.*, '17, is a civil engineer in Minnetonka, Kansas.
- Mahan, Joseph R.*, '18, is engineering director for the National Supply Co. in Pittsburgh, Pa., 148 Stanwix St.
- Eagles, Homer M.*, '20, tax and evaluation engineer for Standard Oil of N. J. in New York, lives at 1910 Stuary Ave., Mamaroneck, N. Y.
- Reid, Theodore C.*, '21, is a construction engineer in North Africa and his address is c/o District Engineer, East Atlantic District, APO 30, USAF, c/o Postmaster, New York.
- Barron, J. Lloyd*, '23, is sanitary engineer for National Biscuit Co. in New York City.
- Kindrater, E. F.*, '23, formerly head of the engineering department for Phillips Petroleum Co. in Bartlesville, has been named manager of the new project at the McGregor plant, near Waco, Texas.
- Luff, Elvin K.*, '23, lives at 1103 West Short, Independence, Mo.
- Paterson, City V.*, '23, who is executive vice-president of the Upjohn Co. in Kalamazoo, Mich., was given a citation last spring by the Rotary Club.
- Hackney, Roger*, '24, is treasurer of the Johns Manville Corp., 20 East 40th St., New York City.
- Berkley, Donald W.*, '27, lives at the Stillwell Hotel, Pittsburg, Kansas.
- Cook, George*, '28, is chief engineer for the Cabot Companies in Chesser, England.
- Little, Donald C.*, '29, Col. USA, is in Korea, but his family remains in San Antonio, Texas, until they can join him in Japan. He graduated from West Point in 1952. He was born and raised in Kansas City, Kan. His mother now lives in Lawrence, Kansas.
- Winnmer, Earl J.*, '29, is now at the General Electric Plant in Scranton, Pa.
- Glore, Robert F.*, '32, is doing a special mechanical engineering assignment for Bell Telephone Laboratories, 463 West St., New York City, and home is at 110 Park View Drive, Scotch Plains, N. J.
- Beehn, Edward A.*, '33, is with Bell Telephone Laboratories, 463 West St., New York City.
- Clatz, Charles W.*, '33, has been promoted to superintendent of instrument production by Eastman Kodak Co. at the Hawk-Eye Works in Rochester, New York. The family home is at 111 Sagamore Drive, Irondequoit, New York.
- Feldman, Karl T.*, '33, is back with Sinclair Pipe Line Co. at Independence, Kansas.
- Brazelins, Edward Maurice, Jr.*, '34, Lt. Comdr. USNR, is a civilian again and Purchasing Development Mgr., Standard Oil Co., 818 South Michigan Ave., Chicago 80, Ill. Home is at 2872 Western Ave., Park Forest, Ill.
- Olphaert, Howard A.*, '34, is a dept. mgr. for General Electric Co. in Topeka, Kansas.
- Smith, James W.*, '31, graduated as an electrical engineer and also received his law degree from the University of Kansas City and was admitted to the bar in 1942. He is now counsel for the Public Service Co. of Oklahoma and lives at 4441 East 24th in Tulsa, Okla.
- Williams, Robert J.*, '36, is now regional manager of crude oil production for the Lion Oil Co. in Wichita, Kansas. For a long time he was in El Dorado, Ark., and during the war was a lieutenant in the army.
- Boer, Lewis W.*, '37, reported the birth of Lewis Edward, on Feb. 16, 1952. Brother Benz is assistant district Supt. for Phillips

- Petroleum Co., Production Dept., at Shidler, Okla.
- Faltz, Allen R.**, '38, is now superintendent of tools and methods at the Hawk-Eye plant of Eastman Kodak in Rochester, and the family home is at 31 Hermitage Road, Irondequoit, New York.
- Parson, Lyle L.**, '39, now lives at 219 Rice St., Greenville, S. C. He is engineer for a cotton mill there.
- Ritchie, John Practor**, '39, was stricken by polio in the fall of 1952 and was under treatment in an iron lung in Wichita, Kan., until January 1953 when an air force plane flew him to Minneapolis, Minn. for further treatment, c/o Kenny Incisors, 1800 Chicago Ave., Minneapolis.
- Mitchell, Alexander C.**, '40, M.D., '40, and Miss Ruth Kackley were married on Feb. 2, 1953, and live at 12-E Sunnyside Drive in Lawrence, Kan., where he is on the staff of the Watkins Memorial Hospital at the University.
- Sage, Rex**, '40, Major USA, is commanding officer of the 2nd Bn. 38th Infantry in Korea. He has been in the army since 1940 and during the last war served in Alaska and then in Japan. Mail should be sent to his home at 3384 Reading Road, Cincinnati, Ohio.
- Theobald, Francis**, '40, reports the birth of Jeffrey Robert, on Sept. 30, 1952. Home is at 4312 Connie Drive, San Diego, Calif.
- Dominigo, Francisco J.**, '41, is a civilian again after 24 months recall to duty and is now an engineer for Harrington & Cortlyou in Kansas City, Mo., and lives at 7814 Juniper St., Prairie Village 11, Kansas.
- Ruloff, Carl**, '41, is now chief engineer of radio station KCRG in Cedar Rapids, Iowa, and the family home is at 1519 Old Marion Road, Cedar Rapids.
- Schroeter, Leonard Ivan**, '41, lives at 15622 Maple Wild, SW, Seattle, Wash. He is with Fruehauf Trailer & Equip. Co.
- Dwan, Bernard David**, '41, Capt. USA, is in the office of the Chief Signal Officer, Pentagon, Washington, D. C., with the U. S. Army Signal Corps. Home is at 2320 Griffith Road, Falls Church, Va.
- Lichty, Franklin**, '41, reported the birth of a son, Stephen Franklin, on April 23, 1952. Frank is still with Convair Aircraft, and the family home is at 447 N. Harding, Wichita, Kansas.
- Moser, Ted H.**, '41, has moved to 809 E. "G" St., McCook, Nebraska.
- Shaad, David**, '44, reports the birth of another David on Feb. 23, 1953. Home is at Lake of the Forest, Edwardsville, Kansas.
- Lounell, Don R.**, '45, is now head of the financial analysis department of the Lincoln-Mercury Div. of Ford Motor Co. in Detroit. Home is at 17789 Puritan, Detroit 27, Mich.
- Paullette, Charles**, '45, has a new home at 143 Cherokee Crescent, Jackson, Mich.
- Kandke, Robert G.**, '47, has a new home at 2788 Windemere, Birmingham, Mich.
- Boyer, Joe**, '48, reported the birth of a daughter, Ann, born June 20, 1952. Joe is working for the Sandia Corp., and the family home is at 916 Cagua Drive, NE, Albuquerque, New Mexico.
- Burns, Morris E.**, '48, Lt. USAF, reports the birth of a son, Thomas Scott, on August 7, 1952. Pop flies with a B-29 crew as radar operator on Okinawa. He is with 372 Sq. 367 B.W. APO 239-1, c/o P.M., San Francisco, Calif. Mail should be sent to the family home at 10316 Sharon Lane, Shawnee, Kansas.
- Montfort, John**, '48, is the new district supervisor of the Mid-Valley Pipe Line Co., Brasett Bldg., Oxford, Minn.
- Duncan, William**, '49, has his own engineering firm in Topeka, Kansas. He is the new President of the Topeka Society of Professional Engineers.
- Hay, David**, '49, is a member of the general contracting firm of Hay & Smith, 3117-27th Place, Des Moines, Iowa.
- Ladd, J. Bert**, '49, is petroleum engineer for the Texas Co. in Craig, Colorado.
- Anschutz, Glenn**, '50, is now with the Kansas Highway Commission in Topeka, Kansas, and lives at 811 Medford St., Topeka.
- Rueff, Richard G.**, '50, and Miss Yvonne M. Lane were married on May 21, 1952.
- Crowl, Duane M.**, '51, is with Marquart Aircraft Co. in Los Angeles, Calif.
- Cunningham, Harold A.**, '51, has been made maintenance foreman at the Phillips Petroleum Company's Kansas City refinery. Home is at 2780 N. 33rd St., Kansas City, Kansas, and lives at 102 Duncan Hill Apts., Westfield, N. J.
- Harris, Richard**, '51, is with Westinghouse in Baltimore and home is Apt. 1-A, 4219 Parkton St. there.
- Kipp, John**, '51, Lt. USAF, is stationed at Lockbourne AFB, near Columbus, Ohio.
- Richey, William**, '51, Pvt. USA, teaches engineering at Ft. Belvoir, Va., but home is at 1210 N. Pitt St., Alexandria, Va.
- Wolf, Harold E.**, '51, and David L. Webber, '51, are working for General Motors Corp. in Kansas City, Kansas. Harold lives in Gardner, Kansas.
- Favest, Graham**, '52, is a mechanical engineer at the US U. Naval Air Missile Test Center, and lives at 101 N "G" St., Oxnard, Calif.
- Garfang, William S.**, '52, is engineer, Panhandle Eastern Pipeline Co., Liberal, Kansas.
- Heinrich, Lawrence Alan**, '52, is a physician with E. I. DuPont de Nemours Co. at its Savannah River Plant, and lives at 1809 Hahn Ave., Crowland Park, Aiken, South

Carolina. He reports the birth of Michael Alan, on April 27, 1953.

Kipp, Robert, '52, Lt. USAF, is at Scott AFB, Belleville, Ill.

Smith, Keith C., '52, is a graduate student engineer, Westinghouse Educational Center, Ardmore Blvd. at Brinson Road, Wilkesburg, Pa.

Stinson, W. H., '52, is experimental test pilot for Cessna Aircraft Co., Wichita, Kansas.

Beauchamp, Glen, '53, is now at Camp Lejeune, North Carolina. His most recent address is 2nd Lt. Glen T. Beauchamp,

841242 USMC NCO Leadership School, 2nd Marine Div. FMF., Camp Lejeune, N. C.

Derepost, Karl, '53, is with the Navy in Japan. Mailing address: 2120 East 49th St., Kansas City, Mo. or 4014 Alhambra St., Mission, Kansas.

Oliver, Tom, '53, is in flight training in Pensacola. Address: Ensign T. W. Oliver, B.O.Q. 474 NAS, Pensacola, Fla.

Wilkening, John, '53, is in St. Louis with an aircraft company. Mail should be sent to 1077 Washington, St. Louis, Mo.

ETA

Haglin, Charles F., '53, ex Alpha, has a new address at 123 N. Bryant, Minneapolis, Minn.

Barry, Edward Hearsey, '56, is Steam Plant Engineer for Stone & Webster Engineering Corp. 49 Federal St., Boston 7, Mass. and lives at 18 Glendale Road, Needham, Boston, Mass.

Medling, Walter L., '57, Col. USA, Eng. Corps is at the Engineer Center, Fort Belvoir, Va.

Clark, Myron H., '20, is a partner and manager of Estabrook & Co., 750 Main St., Hartford, Conn.

Gibson, James, '20, now lives at 52 Herrick Road, Newson Center, Mass.

McKern, Walter Raley, '21, is assistant cashier in charge of personnel and purchasing for the Terre Haute First National Bank, Terre Haute, Ind.

Owens, George F. R., '21, has retired from the

Brooklyn Union Gas Co. and now lives at Ocean Villas, Vero Beach, Florida.

Redway, Albert S., '23, is now president of the American Paper Goods Co., Kensington, Conn.

Squibb, Francis P., '23, is now division assistant general manager of the Sherwin-Williams Co. in Chicago, Ill. and lives on Bruce St., Bloomer, Illinois.

Peter, Charles L. Jr., '24, is now chairman of the Delaware Research & Development Corp., Wilmington, Delaware.

Dupont, James Quinn, '26, is manager of the Atlantic District of the Extension Division, E. I. DuPont de Nemours Co., Wilmington, Del. Home is on Montchanin Road, Wilmington, Del.

Smith, Amasa, '29, is manager of the Birmingham, Alabama plant of the Chicago Bridge & Iron Co. and has been with the firm since he graduated.

THETA

Prentis, Edmund Astley, Hon. Theta, is a consulting mining and civil engineer and a member of the firm of Spencer, Wright & Prentis, 10 East 40th St., New York City. Home is at 2 West 67th St., New York 23, N. Y.

Jones, George Lester B., '22, is an independent consulting engineer who travels a great deal but whose permanent business address is Bulova Watch Co., Woodside, Long Island, N. Y.

Slows, Edwin A., '23, has been appointed assistant general manager for the Chino Mines Division of Kennecott Copper Corp. at Hazel, New Mexico.

Devlin, Fred W., '25, lives at 6014 Glenbrook Terrace NW, Washington 14, D. C.

Madsen, Vincent S., '32, (ex Beta) is Director of Area Development Division, Detroit Edison Co., Detroit, Mich.

Dowdson, Khatelak G., '34, has a new address at P.O. Box 274, Maryland Ave., Armonk, New York.

Hughes, C. V. O. Jr., '34, gets mail at P.O. Box 288, Nichols, Fla.

Burgher, Robert J., '34, lives at 31-34 77th St., Apt. 6-C, Queens 72, New York.

Marchese, Vincent, '38, is head of a new laboratory for Sperry Gyroscope Co.

Snively, Cloyd A., '39, now lives at 905 Kinnier Road, Columbus 12, Ohio.

Guernsey, Rowen Jr., '40, lives at 1040 Marrow Ave., Schenectady, New York.

Kitchel, Mewatcher F., '43, lives at 170 Campus Drive, Snyder 21, N. Y.

Pietrantoni, Maxwell A., '43, has changed his home to 1216 Luchetti St., Santorchi, Puerto Rico.

Snively, Donald, '43, can be addressed at Box 2137 Michigan Avenue station, Lansing 11, Mich. Home is 113 N. Clemons, Lansing 11.

Strubberg, Ralph R., '43, has a new home at 30 Northgate Rd., Wellesley 41, Mass.

Robbins, Daniel H., '44, is working for the Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn, N. Y. Until 1951 he was an instructor in M. E. at Columbia University.

Dempsey, Wallace G., '48, is practicing corporation and international law with Covington & Burling of Washington, D. C.

- Fritts, Harry W.*, '46, is employed by Aluminum Co. of America and lives at 312 Ridge Ave., New Kensington, Pa.
- Piper, William W.*, '46, is with General Electric's Research Laboratory. He lives with his wife and two daughters at Apt. 18-A-2, Sheridan Village, Schenectady, N. Y.
- Sagepa, August E.*, '46, gets mail at 147 Zion St., Hartford 6, Conn.
- Spiron, Arthur G.*, '46, reports the birth of Victoria on October 6, 1952.
- Hewitt, Ralph R.*, '47, is research chemical engineer for the General Chemical Division of the Allied Chemical Co. Home address is 311 E. 88 St., New York 28, N. Y.
- Marston, Herbert H.*, '47, is employed by California Texas Oil Co., Ltd. in New York, and home is at 209 Villard Ave., Hattings-on-Hudson, N. Y.
- Vico, Donald*, '47, lives at 202 Geneva Ave., Auburn, Ala.
- Brockmeier, Theodor W.*, '48, is married and has a daughter, Karen, born May, 1952.
- Common, Joseph P.*, '49, lives at 71 Lehigh Ave., Avenel, N. J.
- de Gillo, Joseph L. II*, '48, who is with Charles Pfizer & Co. in Brooklyn, lives at 32 Buttercup Lane, Levittown, N. Y.
- Fisher, Roy D.*, '48, is a design draftsman and lives at 226 Elm St., Agawam, Mass.
- Hessell, Howard H.*, '48, is employed by General Electric as a Service Engineer, and lives at 140-30 34th Ave., Flushing, N. Y.
- MacLaren, Don*, '48, is chemical engineer for Standard Oil Development Co., and lives at 2711 Mountain Ave., Scotch Plains, N. J.
- Morskwan, Walter (Lefty)*, '48, sales engineer for Lockheed Aircraft lives in Van Nuys, Calif. with his wife and two boys.
- Prochaska, Lee J.*, '48, is now living at 119 Hampton St., Cranford, N. J.
- Webb, William M.*, '48, gets mail at 1760 Main St., Stratford, Conn.
- Witch, Allen R.*, '48, works for the Personal Products Corp., a subsidiary of Johnson & Johnson, in the Research Development Dept.,
- Wilson, Richard H.*, '48, Division Commercial Supervisor for New York Telephone Co., lives at 74 Pinewood Gardens, Hartsdale, N. Y.
- Fernandez, Jay C.*, '50, has recently joined Brookshire Knitting Mills as Plant Engineer and Maintenance Supt. after three years with DuPont. He lives at 128 Oak St., Manchester, N. H.
- Kivale, Henry F.*, '50, now lives at 1873 Julian Ave., St. Louis 12, Mo.
- Urban, Louis A.*, '50, is performance analyst on turbo-jet engines, Westinghouse Aviation Gas Turbine Div., South Philadelphia, Pa., and gets mail at 207-A Gray St., Chester, Pa.
- Clark, Edward G.*, '51, is now in Englewood, N. J., where he is an industrial engineer for Aluminum Co. of America. He has one daughter.
- Guarino, Nicholas J.*, '51, is employed by the government at Wright-Patterson AFB in Dayton, Ohio, as an Aeronautical Power Plant Rocket Engineer. He was married in June, 1952.
- Copenhagen, Carl M.*, '52, is a junior engineer for Gibbs & Cox of New York City and his mailing address is 2727 Netherland Ave., Riverdale 63, N. Y.
- Dunbar, Daniel N.*, '52, now lives at 21-28 77th St., Jackson Heights, L. I., New York.
- Mattikardt, Fred*, '52, is an engineer with Babcock & Wilcox and gets mail at 431 Riverside Drive, Apt. B, New York 23, N. Y.
- Sherry, Edward V.*, '52, is employed temporarily in Wilmington, Delaware, by the E. I. DuPont de Nemours & Co. His mailing address is 711 Carroll St., Brooklyn, N. Y.
- Bondakian, Charles*, '53, is Assistant Treasurer International Telemeter Corp. and his mailing address is 10318 Bellwood Ave., Los Angeles 84, Calif.
- Schorman, William Jr.*, '53, is Methods Engineer for General Electric, and lives at 114 Colyer St., Brooklyn, N. Y.

IOTA

- Matz, Herman J.*, '51, who is general superintendent at International Nickel Co. of Canada, lives at 11 Park Drive West, Copper Cliff, Ontario, Canada.
- Williams, Avel Clerk*, '51, now gets mail at 1001 National St., Vicksburg, Miss.
- Hooterman, John F.*, '52, is chief geologist with Amerasia Petroleum Corp., and gets mail at 2644 East 34th St., Tulsa, Okla.
- Shaw, Harold F.*, '52, has retired. Mail should be sent to Rt. 1, Boerne, Texas.
- Hoover, B. P.*, '53, is an Olds-Cadillac & I. H. C. dealer. His mailing address is Rt. 3, Trenton, Ma.
- Jones, Ernest W.*, '56, lives at the Demas Apts., Columbia, Mo.
- McBride, H. E.*, '56, mines manganese and can be addressed at 741 East Main St., Batesville, Ark.
- Smith, James J.*, '57, is now production sup. of the Anacosta Aluminum Co., and gets mail at Box 318, Columbia Falls, Mont.
- Dittmer, Russell S.*, '58, now gets mail at Box 1164, Chattanooga, Tenn.
- Kemp, Arthur H.*, '59, is employed by Gulf Oil Co., and lives at 6281- 5th Ave., Apt. C-3, Pittsburgh 52, Pa.
- Williamson, Joe Jr.*, '59, has his business at

- 6731 Manchester Ave., St. Louis, Mo., but mail should be sent to his home at 8660 Old Bonhomme Road, University City, Mo.
- Fullinwider, Remo S.**, '31, is Vice President of the 1st Fed. Savings & Loan Assoc., and gets mail at 1244 Wildwood Ave., Columbus, Ga.
- Scafly, Joseph E.**, '31, is manager of engineering Alconet Enterprises, and lives at 2110 S. Jamestown, Tulsa 1, Okla.
- Richmond, Ralph W.**, '31, is with Cia. Minera Santa Fe, Aldama 661, Coquimbo, Chile, South America.
- Schumann, Reinhardt Jr.**, '31, is now Prof. of Metallurgy at Purdue University.
- Wenger, C. J.**, '33, with the Food River Refinery of Shell Oil Co., lives at 122 Thoroughman Ave., Ferguson 21, Mo.
- Dickinson, George W.**, '37, has offices in the Littleton National Bank Bldg., Littleton, Colo., as a consulting engineer. His home address is Rt. 1, Box 169, Littleton, Colo.
- Wilkey, Ralph W.**, '37, asks that mail be sent to 103 Washington, Malden, Mo.
- Evans, James D. F.**, '38, mining engineer with the Oye Mine & Quarries, TCI Division, US Steel Co., gives his home address as 1301 Minnesota Ave., Bessemer, Ala.
- Mastley, Fred M.**, '38, is home from abroad and gets mail at P. O. Box 324, Adrian, Mo.
- Shoat, John A.**, '38, works for the U. S. Dept. of Agriculture, Box 61, Tulsa, Okla., and lives there at 2644 E. 14th Street.
- Livingston, Robert G.**, '39, is at 2104 California Ave., Dayton, Ohio.
- Brown, Gay Jr.**, '40, employed by the Bethlehem Supply Co., lives at 1631 Banks, Houston, Texas.
- Perry, Ernest**, '40, Lt. Col. USA, received an M. S. at New York University in June, 1933. Mail for him should be sent to 101 East 10th St., Bolla, Mo.
- Rokatus, Joseph E.**, '40, is district geologist for Citrus Service Co. and now lives at 1701 Rosovka, Wichita, Kansas.
- Powell, Marvin E.**, '41, is with Westinghouse El. Corp., and lives at 2331 Brandon Road, Columbus, Ohio.
- Barberr, Roland S.**, '42, has a new address at 408 Wey Road, Benton, Illinois.
- King, Wylby M.**, '42, is Officer-in-Charge of the Denver Regional Office, St. Louis Ordnance District of the U. S. Army, and lives at 1167 Troy, Denver 8, Colo. Sorry, we don't know his rank.
- Devers, J. H.**, '43, is with Great Lakes Carbon Corp., and lives at 7717 Rosewood, Kansas City 31, Mo.
- Neustadter, James A.**, '43, works in the mining div. of Aluminum Co. of America, and can be addressed at 118 Washington Blvd., Pittsburgh 16, Pa.
- Radd, Frederick John**, '43, (formerly Radavich) is a research metallurgist for the Continental Oil Co., Ponca City, Okla. and gets mail at 839 North 4th St., Ponca City.
- Reed, John A. Jr.**, '43, is general foreman at Lindenwood Diesel Shop, 7000 Fyler Ave., St. Louis Mo., and lives at 416 Bradford, Webster Groves 19, Mo.
- Schmidt, Robert F.**, '43, is working in the Ajax Division of H. Kramer & Co., in Philadelphia, Pa. and lives at 6 Willowbrook Ave., Lansdowne, Pa.
- Frans, Russell E.**, '46, is working for the Southern Pacific Co. in San Francisco, California, and gets his mail at 14018 Pioma Ave., Norwalk, Calif.
- Collier, Joseph W.**, '47, is with Pittsburgh Plate Glass Co., and gets mail at 213 Mississippi Ave., Crystal City, Mo.
- Kallmeyer, Melvin F.**, '47, is a process engineer in the Missouri Research Labs. in St. Louis, Mo., and lives at 1717 Red Bird Cove, Brentwood, Mo.
- Liddell, Walter**, '47, is working for Johnson-Manville Sales Corp. in St. Louis, Mo., and lives there at 4244 Humphrey.
- Snowden, J. Russell**, '47, is Asst. Prof. of CE at the University of Louisville, and the family home is at 228 Rochester, Louisville, Ky. He reports the birth of a daughter, Dianne Jill, on January 10, 1953.
- Delany, Michael J. Jr.**, '48, is with the J. Fessler Mfg. Co. in Moberly, Mo. Home address is 1225 Wahada Ave., St. Louis 13, Missouri.
- Lindquist, Elmer**, '48, is plant engineer in charge of repair and plant layout for Fairbanks Morse & Co. in Kansas City, Mo.
- Masterson, John M.**, '48, is with the Cook County Highway Dept., 130 N. Wallis St., Chicago, Ill.
- Pickett, Ray E.**, '48, has changed his home to 6947 Horton, Overland Park, Kansas.
- Reimer, Donald**, '48, now lives at 19 MacArthur Road, East Natuck, Mass.
- Daugherty, Eddie Lee**, '48, is with Howard, Needles, Tammen & Bergendoff, Consulting Engineers in Kansas City, Mo. and lives there at 3219 Hardley Drive.
- Janczewski, Walter**, '49, who works for IBM in Kansas City, Mo., now lives at 6439 Switzer Lane, Shawnee, Kansas.
- Schmidt, E. Murray**, '49, is with General Refractories in Kansas City, Mo. and lives there at 3126 Locust St.
- Schwulter, Ralph E.**, '49, is an instructor in Mechanical Engineering at Missouri School of Mines, and lives at 658 Salem Ave., Bolla, Mo.
- Yochum, R. J.**, '49, wants mail sent to 1114 Bates St., St. Louis, Mo.
- Buchman, Wm. George**, '50, is located at 1231 Blugrass Drive, St. Louis, Mo.
- Castelli, August V.**, '50, has been released by the armed forces and is working for Na-

- ronal Lead Co. at Potosi, Mo. where his address is P. O. Box 216.
- Grimm, David C.*, '10, who is with the St. Louis plant of General Cable Corp., lives at 3829 Alabama, St. Louis 11, Mo.
- Jedlick, John E.*, '10, is a field engineer with B. F. Goodrich Co. and lives at 13434 Broadmoor Drive, Dallas, Texas.
- Mahle, Gen. W.*, '10, can be addressed at Box 7162 Area "B", Wright Air Development Center, Wright-Patterson Air Force Base, Ohio.
- Schmidt, Robert N.*, '10, is assistant general foreman at the B & B WS Frisco Ry. Co., and lives at 1910 E. Bennett, Springfield, Missouri.
- Fairchild William W.*, '11, 1st Lt. USA, wants mail sent to him at 214 Claremont, Cranford, N. J.
- Gerr, Joe*, '11, Lt. USA Box 1/82nd AECOC, Ft. Belvoir, Va.
- Gould, David S.*, '11, is with Hurdalls-Hershey Corp., Decatur, Ill. and living at the Decatur Club.
- Jones, William Richard*, '11, Lt. USAF, wants mail sent to 1619 Frederick St., East St. Louis, Ill.
- Kohl, Byron L.*, '11, Lt. USA 02104493, Co. D, 8th Engr. C. Bn. 1st Cav. Div., APO 201, San Francisco, Calif.
- Kwada, Edward*, '11, is with Producers and Off Shore Drilling Contractors, 1900 Mellie Esperson Bldg., Houston, Texas.
- Morrin, Robert J.*, '11, is a metallurgist for the P. R. Mallory & Co. in Indianapolis, Ind., and lives there at 652 E. 42nd St.
- Powell, Joe R.*, '11, is a Lt. USA, EC. Br. Maint. Officer, in Korea, 01881984, HRS Co. 430th Engr. Comd. Bn., APO 101, San Francisco, Calif.
- Proctor, Robert*, '11, is with Westinghouse, Educational Dept. E, Pittsburgh, Pa.
- Racernman, Richard Joseph*, '11, is an electrical engineer for J. Livingston Co., 4837 Goodfellow, St. Louis 20, Mo. and lives at 6210A Oakland Ave., St. Louis 10, Mo.
- Shepard, William*, '11, is at Ft. Belvoir, and wants mail sent to 140 Park St., Upper Montclair, N. J.
- Tanantula, Bruce E.*, '11, is with the explosive division of Atlas Powder Co. in St. Louis, Mo. Mail should be sent to 1170 Landwehr Ave., St. Louis 8, Mo.
- Thain, John C.*, '11, is in the Special Structures Sect. of Sverdrup & Parcel in St. Louis, Mo. Mail should be sent to Apt. 206, 7296 Lyndover Place, Maplewood, Mo.
- Bonberg, James R.*, '12, Ensign USN, gives his address at B. O. Q. Room 213, USNABD, Ft. Huachuca, Calif.
- Mahon, Don D.*, '12, is a junior geologist with Magnolia Petroleum Co. of Dallas, Texas.

KAPPA

- Chapman, Harry H.*, '18, is manager of the electric utility department of the northwestern district of Westinghouse Electric Corp. with offices in Chicago, Ill. Home is at 9319 Ridgeway Ave., Evanston, Ill.
- Leeming, Mason Sterling*, '22, is Factory Representative for the Keystone Lubricating Co., Philadelphia, Pa., and lives at 308 Lincoln St., Glenview, Ill.
- Hartmann, Ernest C.*, '24, is chief of the engineering design division of the Aluminum Co. of America, New Kensington, Pa.
- Sargent, R. B.*, '24, is general manager of the Hale Firepump Co. in Philadelphia, Pa.
- McCrory, Aaron Frank*, '26, is Vice President of the Hoosier Engineering Co., 1384 Holly, Columbus, Ohio, and lives at 2390 Kensington Road, Columbus.
- Masterine, Charles Thomas*, '10, Lighting Specialist for General Electric Co., 231 S. LaSalle St., Chicago, Ill., lives at 802 East Division St., Lombard, Ill.
- Schubert, Alyn E.*, '10, has been appointed general superintendent of development and engineering by the Eastman Kodak Co.,
- Rochester, N. Y.* He has been with the firm since 1930.
- Logan, Arthur L.*, '31, Col. USA, is professor of air science and tactics at the University of Virginia, Charlottesville, Va.
- Derby, Malcolm R.*, '32, is an engineer with the Kroeschel Engineering Co. in Chicago. They live at 420 S. Batavia Ave., Batavia, Illinois.
- Hagber, Thomas Edge*, '32, is now General Manager of the Diesel Division, General Motors Corp., 2140 West 104th St., Cleveland, Ohio, and lives at 81 Kensington Oval Rocky River, Ohio.
- Newman, Arthur C.*, '32, Col. USA, recently with the AEC, is now Detroit District Engineer of U. S. Engineers, with offices at 1909 Cadillac Tower.
- Jeppesen, Gordon L.*, '38, has moved to 2313 Wyandotte Ave., Cuyahoga Falls, Ohio. He even reports his phone number—WAL-bridge 8-6113.
- Carr, Maurice K.*, '39, reports the birth of a son, John K., in 1912 in Ann Arbor, Mich. There are four other children.

LAMBDA

- Duke, Otto*, '22, for many years with Combined Metals Reduction Co., is now supervising the design of the new smelter for
- San Manuel Copper Co., at the Stearns-Rogers Mfg. Co. in Denver, Colo.
- Cetter, George W.*, '35, former member of

the Executive Council and for many years adviser at Lambda, has left the staff of the University of Utah and is now with the Etnico Corporation, P. O. Box 100, Salt

Lake City 10, Utah. Home is at 1884 Lincoln St., Salt Lake City.

Hicks, Earl J., '43, can now be addressed at 1648 S. Hickory, Bartlesville, Okla.

MU

Smith, Francis C., '22, is with the W. R. C. South Publishing Co., 808 Peachtree St. NE, Atlanta 1, Ga., and lives there at 717 Woodward Way NW.

Gordon, Ernest C., '25, is Vice Pres. and Chief Engineer for Southern Services Inc., 408 N. 18th St., Birmingham 2, Ala., and lives at 51 Lucerne Blvd., Birmingham 9.

Long, Jess, '26, is with the U. S. Naval Electronics Lab., San Diego 52, Calif.

Terry, Alvin L., '32, Lt. Col. USA, is in Korea. Address him 0-291677, Engr. Sect. Hq. EUSAK, APO 301, San Francisco, Calif.

Hall, Keith W., '33, is Assoc. Prof. of M. E. at the University of Michigan, and lives at 1624 Anderson Ave., Ann Arbor, Mich.

McKey, J. W., '33, remains with the American Cast Iron Pipe Co. in Birmingham, Ala., but his present home address is 337 Lucerne Blvd., Homewood, Birmingham.

Nolde, Richard, '31, lives at 84-11, 104th St., Richmond Hills 18, N. Y.

Adams, Carl, Jr., '38, is a partner in Adams Brothers Produce Co., 1793 Morris Ave., Birmingham, Ala., and lives at 3243 Dell Rd., Birmingham 8.

Skinner, Gregory Jackson, '38, is in the Logistics Division, Air Command & Staff School, Air University, Maxwell Air Force Base, Montgomery, Ala. His home address is Qrs. 809-C, Maxwell AFB, Montgomery, Alabama.

Hovner, Richard F., '39, is living at 427 Talbott, Dayton 9, Ohio.

Morgan, Patrick N., '39, is an engineer with Combustion Engineering-Superheater Inc. and lives at 4112 Paxton Woods Drive, Cincinnati, Ohio.

Marver, Earl D., '40, is construction supt. for John W. Cowper, Buffalo, New York, and lives at 333 Cayuga Road, Williamsville, New York.

Strom, Lavin R., '40, is employed by the U. S. Engineers, Office Chief of Engineers, USA, Washington 25, D. C. and has his home at 4916 South 29th Road, Arlington, Va.

Saly, William T., '40, is design engineer, Chicago Bridge & Iron Co., Birmingham, Ala., and lives at 124 Red Oak Road, Birmingham.

Austin, T. L., Jr., '42, is Supt. Fuel Dept., Industrial Generating Co., Box 1111, Rockdale, Texas, and gets his mail at P. O. Box 1016, Rockdale.

Rast, Holt, '42, is president of Holt Rast & Assoc., Inc. in Birmingham, Ala.; home is there on Route 13. Mail should be sent to Box 161A, Birmingham.

Crow, William W., Jr., '43, is manager of Infants Diaper Service, 2940 4th Ave. South, Birmingham, Ala. and lives at 632 Robinson Drive, Birmingham.

Dwyer, James J., '43, is employed by the Chemical Corp., Dept. of the Army, Washington 25, D. C., and lives at 1401 Belvedere Blvd., Silver Springs, Md.

Goss, Herbert H., Jr., '43, Application Engineer for Westinghouse Electric Corp., 928 Volunteer Bldg., Chattanooga 2, Tenn., lives on Agawela Drive, Chattanooga 4, Tennessee.

Kibby, Harold R., '43, is with the Arrow Tank Co. Inc., 16 Barnett St., Buffalo, N. Y. and lives at 187 Lorfeld Drive, Snyder 21, N. Y.

LeRoy, J. R., '43, is a technologist for the Shell Chemical Co., 10 West 10th St., New York 20, N. Y. and lives at Cedar Hill, Apt. No. N-7, Irvington, N. Y.

McLinn, Albert K., '43, has a new address: McLinn Manor Court, Brunswick, Ga.

Worms, Frank Taylor, '44, is technical director for HEMCO and can be addressed at 3140 Fayette Ave., Birmingham, Ala.

Booth, Douglas, '47, is now with the Duke Power Co., Spartanburg, N. C.

Goodass, Rinco H., '47, is Asst. Project Engr. for Curtis-Wright Corp., Carlstadt, New Jersey, and lives at 13-31 D Sperber Road, Fair Lawn, N. J.

Greenlee, Paul C., '47, is Aerodynamics Engr. for Chance Vought Aircraft Co. in Dallas, Texas, and lives at 1117 Woodcrest Lane, Arlington, Texas.

Laurie, Vincent D., '47, lives at 108-02 72nd Ave., Forest Hills, N. Y.

Owen, Charles R., '47, is industrial engineer for the Proctor & Gamble Co., Portsmouth, Va., and lives there at 221 N. 9th Ave.

Wey, William L., '48, is working for the Henry J. Kaiser Engineers in Fontana, Calif., and lives at 483 East 9th Ave., Upland, California.

Mosley, S. D., Jr., '48, is in geophysical research work for Continental Oil Co. in Ponca City, Okla., and lives at 336 Sunset.

Spre, William B., '49, is with Kutz Engineering Co., Birmingham, Ala. Home is at 2403 Park Lane Court North, Birmingham.

Wallace, Winston L., '49, is employed by ARO Inc., Tullahoma, Tenn. and gets mail at Box 162, Manchester, Tenn.

Weed, Charles F., '49, chief engineer, Pressure Concrete Co., Florence, Ala., lives at Apt. F-4, Wildwood Terrace, Florence.

- Butler, Frank M., Jr.*, '10, is electronics engineer in the U.S. Air Force and his army address is SRITT, 3204th Range Support Sqdn. (A. C.), Eglin Air Force Base, Florida. Mail should be sent to his home at 28 South Elliotts Road, Fort Walton, Fla.
- Carbone, Remo*, '10, is an Aerodynamicist for the Naval Air Development Center at Johnsville, Pa., and his home is at 1601 South 4th St., Philadelphia 48, Pa.
- Hayes, Billy H.*, '10, released by the army, wants mail sent to 400 Highland Drive, Enterprise, Ala.
- Letardier, George V., Jr.*, '10, is with Sverdrup & Parcel in St. Louis, Mo.
- Ligon, John P., Jr.*, '10, is a construction engineer with the Leonard Construction Co., Associated, Calif. but mail should be sent to his home address, Box 123, Russellville, Ala.
- Schwartz, Samuel A.*, '10, is a staff member of Sandia Corp., Sandia Base, Albuquerque, N. M., and his home address is Bldg. 3724 Apt. L, Sandia Base, Albuquerque.
- Young, Lincoln M.*, '10, is now with General Electric Co., DeKalb, Ill. as applications engineer, and lives at 1123 1/2 North Sixth St., DeKalb.
- Adams, Charles D.*, '11, works in the stress department, North American Aviation, Los Angeles 41, Calif. and lives at 4944 West 119th St., Hawthorne, Calif.
- Carter, William H.*, '11, is Commanding Officer, HRS Co. 174th Eng. (c) 40th Division in Korea. Mail should be sent to him at Route 1, Lumbachton, Alabama.
- Inscho, Carson, Jr.*, '11, lives at 3110 Overton Drive, Birmingham 9, Ala.
- McCracken, Hwey Marvin*, '11, Lt. USA, is at Camp Rucker, Ala. Mail should be sent to Box 23, Route 2, Aliceville, Ala.
- Sheets, Raymond L.*, '11, is an engineer with RCA at Camden, N. J. and lives at 651 Fox Ave., Drexel Hill, Pa.
- Bryer, John H.*, '12, Lt. USAF, is at Sandia Base, Box 246, Det. 8, 1090 SRG, Albuquerque, N. M.
- Brown, Jack Cole*, '12, who will be remembered as the delegate to the 1910 Convention, and Miss Lou Mayes of Tuscaloosa, Ala., were married on November 18, 1952. Jack is in the army now.
- Henry, Arline T.*, '12, is now with the American Bridge Div. in Birmingham, Ala.
- Sennels, Julian J.*, '12, 2nd Lt. USA, 01928148, 8591 TSU, is at White Sands Proving Ground, Las Cruces, N. M.
- Tanner, Carlton M.*, '12, is now with the Alabama Power Co. in Birmingham, Ala. Home is at 111 Church, Edgewater, Ala.
- Seliba, Alfred J.*, '13, Lt. USAF, gets mail at Box 629, Scott AFB, Ill.
- Wood, Ivan L.*, '13, is working for Pressure Concrete Co., Florence, Ala.

 NU

- Plant, Thomas W.*, '23, after four years in Talcahuano, Chile, building and operating part of Chile's new Huachipato Steel Works, started home by way of Europe. Mail will reach him at 231 Beverly Road, Pittsburgh 14, Pennsylvania.
- Schochert, Joseph S.*, '23, met with a serious automobile accident on January 29, that confined him to a hospital for nearly a month and will keep him from active work as manager of commercial sales for Duquesne Light Co. of Pittsburgh. He has been chosen for the second consecutive year to head up the Red Cross campaign in Pittsburgh and Allegheny County.
- Wichel, Arthur R.*, '28, is President of the Tenn. Coal & Iron Division of U.S. Steel Co. He was honored recently by a feature article in the *Explosive Engineer*.
- Riches, George G.*, '32, lives at 6011 N. 9th Road, Arlington, Va.
- Cotler, Harry*, '33, has left the Mall Tool Co. and joined the Worthington Corp. He gets mail at 611 Bailey St., East Lansing, Michigan.
- Barker, John W.*, '34, has moved to 1345 E. Crawford Ave., Connelville, Pa.
- Ludels, V. D.*, '34, who received his M.S. at Columbia in 1931, is now technical coordinator of the Chemstrand Group of the DuPont Co.'s Polychemical Dept. His home address is 3008 Forest Ave., Fort Arthur, Texas.
- Chevesman, Eason W.*, '36, Lt. Col. USA, returned recently from two years' duty in Korea. Mail should be addressed to 1115 Riverwood Ave., Lakewood, Ohio.
- McMaster, Robert C.*, '36, is supervisor of electrical engineering at Battelle Memorial Institute, Columbus, Ohio.
- Daughton, Glens R.*, '37, Lt. Col. USAF, reports a new address at Sandia Base, Albuquerque, N. M.
- Martin, William W.*, '37, has joined the metallurgical staff of the Los Alamos Laboratory of the University of California at Los Alamos, N. M.
- Bruner, George W.*, '38, is a writer for *Benton & Bowles*, 444 Madison Ave., New York City.
- Copp, Joseph H.*, '38, application engineer with Gen'l. El. is now in Syracuse, N. Y. as radio facilities engineer for the ABC-AM FM-TV Network. Home is at 214 Euclid Drive, Fayetteville, New York.
- Galland, George R.*, '38, is assistant director of engineering, International Business Machines Corp., New York City.

Kirkpatrick, James W., '39, has been promoted to superintendent of the Brier Hill Open-hearth Dept. of Youngstown Sheet & Tube Co. Home is at 4037 Shelby Road, Youngstown, Ohio.

Spher, Ieland L., '38, is associated with Matthew McCarthy Co., General Contractors, and lives at 2111 N. Bethel St., Olympia, Wash.

Henderson, Melvin D., '39, Lt. Col. USMC, is executive officer of a regiment of the 1st Marine Division, Camp Pendleton, Calif.

Weinstein, Clarence, '39, is plastics engineer for Atlantic Research Corp., Alexandria, Va., and lives at 210 The Parkway, Virginia Hills, Alexandria, Va.

Horn, Frank W., '47, Major USAF, is at Wright Air Development Center, Dayton, Ohio.

Margerson, Geo. M., '42, is a civil engineer with Al Johnson Co. and presently over-sees on a job. Mail should be sent to 87 Park St., Malone, N. Y.

Rubin, Joseph, '43, is chief engineer for Iron-bound Box & Lumber Co., Hillside, N. J. Home is at 31C Calfax Manor, Roselle Park, N. J.

Van Orman, Donald L., '43, is with Timken Roller Bearing Co. and lives at 1301 James Ave. South, Minneapolis, Minn.

Bingham, Richard S., Jr., '46, has been sent by Atlas Powder Co. to the Volunteer Ordnance Works as quality control supervisor. Mail should be sent to 1413 Wright St., Chattanooga, Tenn.

Abensberg, Irwin M., '47, is a chemical engineer at the Army Prosthodontics Res. Lab., Walter Reed AMC-APRL, Washington, D. C.

Dowdles, A. R., Jr., '47, and Barbara Evans were married on April 19, 1952 and live at 3783 S. Highland Ave., Pittsburgh 6, Pa.

Mellott, Charles R., '47, and Miss Lois M.

Williams were married August 19, 1952, and are living at 820 Ohio River Blvd., Sewickley, Pa.

Knowl, William H., '48, and E. Anne Kirkland were married in January 1952 and live at 22 Conestoga Drive, Pittsburgh 34, Pa. He obtained an L.B. at Pittsburgh in 1950, and is assistant to the Vice President of the Pittsburgh Corning Corp.

Levy, Carl E., '49, is with Northern Light Co., Pittsburgh, Pa. and lives at 6379 Lyndhurst Green, Pittsburgh 6, Pa.

Marrison, Howard, '48, is assistant chief of the Petroleum Branch of the Mutual Security Administration, and the family home is at 10111 Ewell Ave., Kensington, Md.

O'Brien, Duane J., '48, is with National Tube in Lorain, Ohio. He was married on May 24, 1952 to Martha Jean Marzouchik, and home is at 349 Day Drive, Lorain.

Hall, Theo. L., '48, is a Fellow at the Mellon Inst., Pittsburgh, Pa. Home is at 1814 Howe St., Pittsburgh 32.

Hanna, Paul G., '49, is with Special Products Div. of Westinghouse Electric Corp. and lives at 327 Canterbury Drive, Pittsburgh 15, Pennsylvania.

Owens, Robert H., Jr., '49, is senior field engineer, American Car & Foundry Co. and at present at the plant in St. Charles, Mo.

Ferguson, Thomas Gordon, '38, Lt. USAF, and Virginia Lee Chambers were married in San Antonio, Texas, where he is stationed with the Air Force.

Haberstroh, Robert Dietrich, '38, and Ann Elizabeth Steiger, were married December 22, 1952, in Oshkosh, Wis., and are now living at 8381 Berthlet St., Pittsburgh 17, Pennsylvania.

Perk, Gerald E., '38, is assistant chief engineer for Cook Consulting Engineers in New York, and the family home is at 121 Beaufort Place, New Rochelle, New York.

XI

Schubert, Wm. E., '23, was cited for distinguished services as an alumnus by the University of Wisconsin on Engineers Day, 1953. He is Vice President and General Mgr. of the Michigan-Wisconsin Power Co., at Appleton, Wis.

Anderson, Robert V. P., '28, has his business office at 173 West Jackson Blvd., Chicago, Illinois, and gets mail at his home on Indian Knoll Road, West Chicago, Ill.

Bentley, C. K., '48, is with Crucible Steel Co. in Salt Lake City, Utah. Home is at

270 Ramona Ave., Salt Lake City.

Michelson, David A., '49, is a Sales Engineer with the Industrial Furnace Division of Sunbeam Corp., and lives at 3810 Latrain Rd., Indianapolis 26, Ind.

Baugh, Edwin D., '50, is an engineer-scientist for the Westinghouse Atomic Power Division at Bettis Field, Pittsburgh, Pa.

Hambly, William A., Jr., '50, has been called into active service and can be addressed at 2108 Wisconsin Ave. NW, Washington 7, D. C.

OMICRON

Beyles, X. P. "Jack", '27, is an engineer for the Iowa State Health Dept. at Ft. Dodge, Iowa. He has been elected President of the

Iowa Engineering Society for the year 1954. *Edwards, Frank W.*, '28, is now manager of the Chicago office of Stanley Engineering

- Co., Consulting Engineers of Muscatine, Iowa, in the Utilities Bldg., 327 South La Salle St.
- Choraman, Eugene R.**, '34, is now supt. of the roll coating division of Eastman Kodak Co., in Rochester, New York.
- Noble, Howard**, '34, lives at 311 8th St., Idaho Falls, Idaho.
- Bathworth, Louis**, '37, now lives in Casper, Wyoming, where he is general superintendent of the oil refinery of the Standard Oil Co.
- Berman, Edward W.**, '41, is now Project Manager, Gilbane Building Co., Providence, R. I. His home address is 70 Brewster Dr., Hossie, R. I.
- Careyne, Robert William**, '49, is a design engineer for the Kansas City Power & Light Co., 1330 Baltimore, Kansas City, Mo. and home is at 7720 Walnut, Kansas City.
- Jeffers, Edgar**, '50, Lt. USA, is now with the 1092nd engineer combat battalion in Korea.
- Kraatz, Lowell**, '50, is an engineer with the State of California Highway Commission and lives in Arroyo Grande.
- Rogers, Warren Kendig, Jr.**, '50, is field engineer for the Caterpillar Tractor Co. in Peoria, Illinois. Home is in Washington, Ill. Last spring he completed a two months tour for the company in Europe, Africa and Asia Minor.
- Lentke, Charles F.**, '52, and Miss Sharon Sealy of Cedar Rapids, Iowa, were married on October 10, 1952.
- Tabler, Earl**, '52, is working for the Dravo Corporation in construction and lives in Swickley, Pa.
- Hansen, Gale**, '53, and Mary Ellen Jensen were married in Audubon, Iowa on September 7, 1952.
- Lunhart, Lindsay L.**, '53, receives mail at 832 Elmwood St., Evanston, Ill.

PI

- Liville, Thomas M.**, '26, Manager of the Manager Development Services Department of General Electric Co., in Schenectady, N. Y., has been elected First Vice President of the N. Y. Society of Professional Engineers.
- Wilkinson, Claude M.**, '29, has been appointed Assistant to the District Mgr., Virginia Electric & Power Co., Richmond, Va.
- Caruthers, W. B.**, '37, is living in Atlanta, Ga., 974 Northrup Drive NE.
- Cowgill, Joseph M.**, '37, now lives at 741 Lake Ave., Woodbury Heights, New Jersey.
- Bell, Philip Stuart**, '40, is operating analyst, U. S. Air Force Base, Colorado Springs, Colo., and lives at 6 Alpine Acres, Maize-land Road, RD1, Colorado Springs, Colo.
- Sidbottom, Jack**, '40, is now manager of Flight Refueling Inc. in Danbury, Conn.
- Fox, William Walter**, '43, is Project Engineer on XP1Y-1 plane for Consolidated Vultee Aircraft Corp., 3165 Pacific Highway, San Diego, Calif., and lives at 4221 Narragansett Ave., San Diego. He is the author of "The Turboprop Airplane" and has been with Convair since 1943.
- Heath, Edward Phillips, Jr.**, '44, has been with Grace Lines, 10 Hanover Square, New York City, for six years and is freight cashier for the company.
- O'Dette, Ralph E.**, '45, has been Public Information Officer with the United Nations Korean Reconstruction Agency in Pusan and then was sent to Tokyo where his wife and son joined him.
- De Francisco, Henry F.**, '47, lives at 1103 Patrick Henry Drive, Falls Church, Virginia.
- Brown, Robert A.**, '51, is with the Grumman Aircraft Engineering Corp., Bethpage, Long Island, N. Y.
- Smith, John Thomas**, '52, and Miss Mary Ellen Swecker of Charlottesville, were married on January 17, 1953.
- Llewellyn, John Alden**, '53, and Miss Patricia Louise Wingfield of Charlottesville were married in February 1953. Home is now in Essex, Maryland, where John is with the Glenn L. Martin Aircraft Co.

RHO

- York, C. V., Jr.**, '28, is a contractor in South-aven Pinn, N. C.
- Ferner, T. Clark**, '28, now lives in San Diego, Calif. Home is at 2767 Camino Pradera, Pacific Beach, Calif.
- Sullivan, Hubbard**, '28, is an architectural engineer with U. S. Public Housing Administration in Richmond, Va.
- Turner, Frank B.**, '28, has been elected president of the Alumni Association of N. C. State College for the ensuing year. He is Chief Mechanical Engineer, State Budget Bureau, Raleigh, N. C.
- Tate, Charles Bernard**, '29, is asst. supt. of production of the Lubrizol Corp. of Cleveland, Ohio. Home is at 1323 Croyden, Hillcrest, Cleveland, Ohio.
- Cooper, Edward M., Jr.**, '30, is plant manager for the E. I. DuPont de Nemours Co. in Buffalo, N. Y. Home is at 15 Woodlee Rd., Buffalo 21.
- Barnes, Rudolph I.**, '31, was elected as a Director of the Alumni Association of N. C. State College for the ensuing year. He is President and Mgr. of the C. G. Ray Co., of Charlotte, N. C.

Goughgan, John T., '31, is field manager, Industrial Sales Div., E. I. DuPont de Nemours Co. in Philadelphia, Pa., and lives in Bryn Mawr, Pa.

Gorman, Frank, '32, Lt. Col. USA, reports the birth of a son, Edward Mace, on Feb. 25, 1933, at Camp Gordon, Georgia.

Mann, Carroll L. Jr., '32, is now head of the C. E. Dept. at North Carolina State College and is the new President of the North Carolina Society of Engineers.

Honor, Daniel Murray, '33, is now living in Clarksville, Indiana. He is personal assistant to the president of Columbia Broadcasting Co. and his work carries him all over the country. He also was recently promoted to Lt. Col., Corps of Engineers, U. S. Army Reserve.

Ross, M. E., '34, T/S USA, is crew chief at Maxwell Air Force Base, Ala.

Cyrus, Henry N., '38, has moved to Summerville, South Carolina.

Davidson, E. P., '41, has been promoted to assistant director of labor relations by Armstrong Cork Co. in Lancaster, Pa.

Epper, Robertson, Jr., '43, left Tenn. Eastman Corp. in Kingsport, Tenn. to enter Virginia Theological Seminary in Sept. 1949. He received a bachelor of divinity degree last June and was made a deacon in July 1952. He was ordained a priest on February 28, 1953 and is now canon minister of St. Mary's Episcopal Cathedral, 700 Poplar Ave., Memphis, Tenn.

Farring, E. H. G., '43, now lives in Greensboro, N. C. He is air conditioning engineer for Burlington Mills Corp.

Humphreys, H. W., '43, can be addressed at Clemson, S. C.

Stockard, H. J., '43, reports the birth of a son, H. J. Stockard, IV, August 1, 1952. Brother Stockard lives at 426 Yarmouth Rd., Raleigh, N. C.

Heffernan, James A., '44, has moved to Pasadena, Texas.

Wooden, Robert E., '46, says he has a daughter, Margaret Elizabeth, born October 4, 1952, in Burlington, N. C.

Kewenon, R. W., '47, has a daughter, Katharine, born October 18, 1952, in Schenectady, New York.

Barnes, Vernon M. Jr., '48, has gone to work for Experiment, Inc. in Richmond, Va., and

wants mail sent to 3307 Dayer Rd., Richmond 24, Va.

Inland, Norman Scott, '48, Lt. USN, is serving on the USS "Pittsburgh" (CA7-2) and lives in Norfolk, Va.

Kirkman, David C., '48, and Miss Elizabeth Ann Rohrer were married on June 20, 1953. Home is in Oak Ridge, Tenn.

Morris, M. A., '48, reports the birth of a son, Robert Emory, on September 25, 1952, in Raleigh, N. C.

Schmidt, Robert Perry, '48, and Miss Susan Inez Griffin were married on November 21, 1952, and are living in Baton Rouge, La.

Allen, Lewis M., '50, is sales engineer for Harbison-Walker Refractories Co., in Birmingham, Ala.

Dillender, R. D., '50, now lives in Raleigh, N. C.

Mims, Virgil G. Jr., '50, is working in the controller dept. of the Lane Company, Altavista, Va.

Milham, Scott Filmore, '50, and Miss Norma Louise Williams were married June 27, 1953, and live in Danville, Va.

Andrews, Gen. H., '51, is engineer for the Nantahala Power & Light Co., Tuckaerog, N. C. He reports the birth of a son, Gen. H. Andrews II, on Feb. 13, 1952.

Johnson, A. G. Jr., '51, is located in Oak Ridge, Tenn.

Lampo, Ross W., '51, Lt. USA, has been released from service and returned to his home in Raleigh. He served 18 months with the 8th army in Korea.

LeGrand, Charles A., '51, is with the Central Falls Weaving Plant in Ashboro, N. C.

Ricks, James P., '51, and Miss Jacqueline Marybelle Burks, were married on August 26, 1952. Home is in Edenton, N. C.

O'Neal, Robert Charles, '52, and Miss Alma Jean Brothers were married on October 3, 1952.

Parks, William Colton, '52, and Miss Phyllis Mary Kline, were married on June 14, 1952. They are living in Bridgeport, Conn.

Cashie, James Lewis, Jr., '53, and Miss Betty Joan Goode were married on June 20, 1953, and are living in York, Pa.

Lloyd, William Gony, '53, and Miss Peggy Joyce Laughlin were married on June 10, 1953 and are living in Knoxville, Tenn.

SIGMA

Kale, Lester W., '34, Lt. Col. USA, is a student at the Industrial College of the Armed Forces at Ft. Leslie J. McNair, Washington, D. C.

Wolford, Don S., '34, reports the birth of a son, James, on October 1, 1952. Brother Wolford is a Research Mechanical Engineer with the Arasco Steel Corporation in

Middleton, Ohio and lives at 617 The Alameda, Middleton.

Renner, Lyman F., '51, is now supervisor of tool design for Worthington Electric Co. in Columbus, Ohio.

Kolow, William H., '42, is vice president in charge of manufacturing, Frontier Chemical Co. of Kansas, Inc., 321 W. Douglas, Wich-

- ica, Kansas, and home is at 1917 Matlock, Wichita.
- Carter, Norman T.*, '48, reports the birth of a daughter, Sally Ann, on June 1, 1952. Home is at 10942 Saragosa Ave., Whittier, Calif. He is an engineer with North American Aviation, Downey, Calif.
- Muller, Clinton A.*, '47, has opened a branch for the Foxboro Co. makers of recording instruments, in Decatur, Ala.
- Stewart, Robert C.*, '47, is now assistant superintendent of plant and service operations of Ohio Fuel Gas Co., Columbus, Ohio.
- Schoopate, Eugene*, '48, lives at 2203 4th St. NE, Canton, Ohio.
- Warren, George*, '48, reports the birth of a daughter, Joyce Ann, on January 3, 1952. Home is at 3911 Langley Court NW, Washington, D. C.
- Czarnicki, K. R.*, '48, has changed his home address to 75 Queen Gate, SW 7, London, England. He is technical adviser in ceramics for a firm in London.
- Zabo, Frank A.*, '49, reports the birth of a son, Mark, on March 3, 1952. Home is at 448 East 115th St., Cleveland, Ohio.
- Bennett, Gleney W.*, '50, has left Cleveland and is now field engineer for Industrial Nuclear, Inc., Columbus, Ohio. Home is at 1338 West 7th Ave., Columbus.
- Jones, Donald F.*, '50, reports the birth of a son, Gregory Dean, on August 4, 1952. Home is 114 Franklin St., Morristown, N. J.
- Kiss, John P.*, '50, is senior methods engineer for the H. K. Ferguson Co. in Perry, Florida.
- Schneider, William H.*, '50, received his law degree in 1952, and is now associated with Power, Griffith & Jones, 60 West Broad St., Columbus, Ohio.
- Behrman, Richard C.*, '51, is design engineer for the General Electric Co., in Ft. Wayne, Ind.
- Fetter, James F.*, '51, is now electronics engineer for General Electric Co. in Ithaca, New York.
- Klimowicz, Charles H.*, '51, reports the birth of a son, Mark Charles, on October 1, 1952. Mail should be sent to Box 2, Kinmundy, Illinois.
- Minderman, John*, '51, is plant engineer for the U. S. Gypsum Co. in Alabaster, Mich. and the family home is in Tawas City, Mich.
- Reed, James S.*, '51, is an electrical engineer with the Genl. Electric Co., in Columbus, Ohio.
- Grossman, Charles H.*, '52, reports a daughter, Cheryl Ann, born August 22, 1952. Home is at 330 East 274th St., Euclid, Ohio.
- Sakwa, Richard*, '52, is now a chemical engineer with the B. F. Goodrich Chemical Co., Avon Lake, Ohio.

TAU

- Salmon, Frank*, '51, lives at 1108 Union St., Schenectady, N. Y.
- Morris, J. A. Drew*, '41, is resident of the Canadagua, N. Y., Rotary Club.
- Dufford, Robert*, '42, and Sarah King were married in Rochester, N. Y. on Sept. 27, 1952.
- Simon, Charles*, '42, married Catherine O'Brien on Sept. 3, 1952 in East Rockaway, N. Y.
- Ten Eyck, E. H. Jr.*, '45, is now assistant technical supt. of the DuPont polychemical department in Charleston, West Virginia.
- Givner, Harold F.*, '48, is an engineer in Providence, R. I. Home is at 155 Puritan Drive, Warwick, R. I.
- Andrews, David R.*, '41, has completed his tour of recalled duty in the Navy and is now back at his old position with the Kodak Park Works of the Eastman Kodak Co. in Rochester, New York.
- McDowell, John*, '49, and Miss Catherine Bunn were married on Sept. 12, 1952 in Elmira, N. Y.
- Spurling, Robert*, '48, and Patricia Ide were married August 23, 1952, in Rochester, New York.
- Schuchow, Stanley*, '50, is with General Electric Co. in Syracuse, N. Y.
- Anderson, Harold P.*, '52, was recalled to service from the electronics department of the Bell Telephone Co., and at present is research engineer at Evans Signal Laboratories, Ft. Monmouth, N. J.
- Cooklin, James*, '52, Lt. USAF, is at Wright-Patterson Air Force Base, Dayton, Ohio.

UPSILON

- Hipple, Loren Ray, Hon. Upsilon*, is head of the CE Dept. at the University of Arkansas, and lives at 302 York St., Fayetteville, Ark.
- Stiles, William Bernard, Hon. Upsilon*, associate director of the Engineering Experiment station at the University of Arkansas, has resigned and accepted a position at the University of Alabama, Tuscaloosa, Ala.
- Peters, Theodore E.*, '29, electrical engineer, is chief of plant branch for the Vicksburg district branch of the U. S. Army Engineers and lives at 1421 Drummond St., Vicksburg, Miss.
- Richardson, John W.*, '29, Cmdr. USN, civil engg. corps, is in charge of maintenance, etc. of the Naval Air Station at Brunswick, Maine. His mailing address is Public Works Office, NAS, Brunswick.

- Ferry, Warren G., '31, is at 240 Franklin Road, Atlanta, Ga.
- Gordon, William M., '31, Cdr. USN, is now living with his family at the Naval Base in Guantanamo Bay, Cuba, where he is base civil engineer.
- Oldham, Henry Newton, '31, is now Vice President and operating manager of the Southern Union Gas Co., Burt Bldg., Dallas, Texas.
- Hunt, Robert H., '32, is sales manager of air-conditioning for the Hitpoint Co., and lives at 318 Bryant Ave., Glen Ellyn, Ill.
- Hreigt, Richard P., '34, Capt. USA, is now at Ft. Shafter, Hawaii.
- Randolph, John B., '41, Lt. Comdr. USN, is in Europe with the Navy. Mail should be sent to his home 265 East 40th, Norfolk, Va.
- Garner, Earl R., '42, is with Bell Telephone Co. in Pittsburgh, Pa. as an electrical engineer, and home is at 844 Stevendale Drive, Gilman Acres, Pittsburgh, Pa.
- Gilbert, Stanley, '42, Major USA, after 11 months in Korea is at Far East Headquarters, Yokohama, Japan, and wife and son are in Sparkman, Ark.
- Randolph, Joseph Peyton Jr., '42, lives at 2407 Linco St., Silver Spring, Md.
- Weinger, Joseph, '44, lives at 1838 Lawwood Drive, Webster Groves, Mo.
- Food, J. L., '46, has returned from Casablanca and now lives at 1418 Salem Road, Memphis 8, Tenn.
- Balen, Walter A. Jr., '47, is stationed at Scott Air Force Base, Illinois. His address is Watt Ave., Apt. 841, Daly-Lewis Acres at the base.
- Stevens, George F., '47, and Miss Earlene Land were married during the Christmas holidays. They left immediately for South America where George is with the Carter Oil Co. Home is Apartment 3, Edificio Victoria, Avenida Vollmer, Caracas, D. F., Venezuela.
- McKeehan, Marilyn, '48, received his Ph.D. at M. I. T. in June 1952 and is with DuPont in Wilmington, Del. Home there is at 400 Franklin Road.
- For, Howell Lee, '48, lives at 277 Red Robin Road, El Paso, Texas.
- Ragsdale, John G. Jr., '48, and family now live at 245 Carrollton in Shreveport, La. He is regional engineer for the Lion Oil Co.
- Burkison, C. J., '49, CE, has moved to 1800 Broadmore Drive, Lake Charles, La.
- Cox, E. C. Jr., '49, is now in the home office of Proctor & Gamble (Buckeye Cotton Oil Co.) and lives at 1202 Kyland Ave., Cincinnati, Ohio.
- Decker, William W., '49, a civil, gets mail at Box 248, Bastrop, La.
- Grizzell, J. O., '49, now lives at 2718 Howey Road, Columbus, Ohio.
- Haynes, Chester L., '49, is distribution engineer for A. P. & L. Co. He returned in July from ten months in Korea as an army pilot. Home now is at 7015 Chestnut, Pine Bluff, Ark.
- Halley, Joseph W., '49, is engineer, electrical well service dept., Halliburton Oil Well Cementing Co., Norwalk, Calif. and lives at 10820 Carmencia Road, Whittier, Calif.
- McCallum, R. D., '49, lives at 1424 Thrush Plaza, Brentwood, Mo.
- Sneed, Hubert G., '49, is at 1188 Thomas St., Gretna, La.
- Wierman, James H., '49, is now in San Antonio, Texas, with the Arco Roofing Co. and lives at 449 Barrett Place.
- Bowen, George Robert, '50, is with the Merchant Calculator Co. in Texas City, Texas, and lives at 1134-3rd Ave. North. He reported the birth of a son, Bruce Knott, on Feb. 27, 1952.
- Bright, Delbert, '50, is in the engineering department of the Arkansas Natural Gas Corp., Box 1734, Shreveport, La.
- Hankins, John E., '50, has moved to 948 County Ave., El Dorado, Ark.
- Lundgren, John L., '50, is now with the Sandin Corp. in Albuquerque, New Mexico, and lives at 3112 Alamo Ave. NE.
- Sandeen, John Paul, '50, is at Oak Ridge, Tenn. and lives at 154 Cluster Hall.
- McKinstry, Joe L., '51, Ensign USN, is a design officer and his address is Box 25, Nav. #118, FPO, New York.
- Mosser, David E., '51, Lt. USA, is at Redstone House, Redstone Arsenal, Huntsville, Ala.
- Robinson, William C., '51, Lt. USA, is a performance engineer at Wright Air Development Center, and his address is Area B, Box 8671, Wright-Patterson Airbase, Ohio.
- De Roulet, Joseph, '51, is in the Air Force and gets mail at 1528 Whipple, Albuquerque, New Mexico.
- Sewyard, Carley P., '51, Ensign USN, lives at 827 1 Ave., Coronado, Calif.
- Boling, Don, '52, Lt. USA, gets mail at box 1008, Great Falls, Mont.
- Farnow, Adair Dean, '52, lives at 317 Kansas, Apartment 6, Alice, Texas.
- Koonce, James F., '52, gives his address as Mail Unit Box 1218, McClellan AFB, Calif.
- Natho, Walter Carl, '52, is with Phillips Petroleum Co. and gets mail at Box 284, Phillips, Texas.
- Richmond, Nathaniel T., '52, is with DuPont and mail will reach him at 111 Louisiana Drive, Camden, S. C.
- Prevel, Frank, '53, has been released by the Marine Corps and is now at the Hughes Research & Development Labs. in Culver City, California. As no home address was furnished it is suggested that mail be sent to 701 N 10th St., Mesa, Ark.

PHI

Hallowell, Elliott Hulvert, '31, is chief engineer for the Snell Refrigeration Supply Co. in Dallas, Texas, and lives at 4409 Pardus St., Dallas.

Kaskin, Andrew William, '34, is a member of the analytical engineering department, General Electric Co., Schenectady, N. Y. and has been granted the Charles A. Coffin Award for 1932, the highest award offered by the company.

Kiefer, Mark, '25, is now general manager

Tractor Div., International Harvester Co., Chicago, Ill.

Wagner, Edward L., '31, reports the birth of a son on Aug. 14, 1932. Home is at 19241 Ave. J., Chicago, Illinois.

Bell, William Ferris, Jr., '33, and Claire Marie Ault were married in Lafayette, Ind. on Sept. 6, 1932.

Cornsen, James M., '31, has been drafted and mail will reach him at Alexandria Ky.

Treat, Herb, '33, and *Jim Walsmith*, '33, have joined Uncle Sam's Army.

CHI

Barry, Llew D., '32, is general manager of King Lease Inc., Snuffels, Ouray Co., Colo. *Edelen, Alexander W. Jr.*, '33, is in the farming business in Mexico and gets his mail at P. O. Box 190, Terreon, Coahuila, Mexico. *Houston, George B.*, '34, is now assistant post engineer at Ft. Sam Houston, Texas.

Adair, William, '33, is an engineer with the Bureau of Reclamation in Boulder City, Nevada and lives at 631 California St., Boulder City.

Potter, Geo. M., '33, is chief project engineer, foreign minerals division, U. S. Bureau of Mines, Interior Bldg., Washington, D. C., and lives at 3730-13th St., Arlington, Va.

Moan, W. F., '31, has returned from Patricillo, Chile, in South America, and now lives at 7521 Highway 80 East, El Paso, Texas.

Michelson, James P., '36, MS '37, is now living in Kialta, Calif.

Pearson, Arthur A., '37, is stationed at Ramsey AFB in Puerto Rico.

Rittenhouse, John D., '38, is a chemical engineer with Arabian American Oil Co., in Dhahran, Saudi Arabia.

Chase, Charles H., '39, is assistant manager, Vulcan Iron Works Co., 1421 Stout St., Denver, Colo.

Van Lee, H. W., '39, is construction engineer in charge of the Coachella Div. of the Bur. of Reclamation, in Coachella, Calif.

Ageton, Robert, '42, is with the U. S. Bureau of Mines in Tucson, Arizona.

Johanson, William, '42, Lt. USN, reports the birth of a son, Patrick McGill, on October 18, 1932. Home is at 3035-58th West in Seattle, Wash.

Lyon, Oscar T., '42, is in Globe, Ariz. as resident engineer for the Arizona Highway Dept.

Dunaway, Robert Judson, '43, is engineer for Alkermach Mfg. Co. 9871 Sepulveda Blvd., Los Angeles 41, Calif., and lives at 3100 Iowa Ave., South Gate, California.

Myers, Edward J., '43, now lives at 721 Mad-dock St., West Palm Beach, Fla.

Nance, Frank, '43, is an engineer with West-

inghouse Electric Corp., in El Paso, Texas. Home is at 3818 Van Buren, El Paso.

Stevens, William L., '43, lives in Milford, Conn.

Wicker, Richard, '45, reports the birth of a son, Steven Ray, on April 18, 1933. The family home is in Haddonfield, N. J.

Carlson, Helman P., '46, is regional manager for the Allen Electric & Equipment Co. and home is in Royal Oak, Mich.

Hulmes, Deumas Keith, '47, is with the Hercules Powder Co., 223 Bush St., San Francisco, California, and lives at 151 Barcelona Drive, Millbrae, California.

McGuley, Frank, '47, is metallurgist for the Atomic Energy Commission in Plant City, Fla.

Holmquist Lars, '48, is a structural engineer with Consolidated Western Seal Co., in Los Angeles, Calif.

Niles, Carter, '48, reports the birth of a son on March 29, 1933. The family home is in Globe, Arizona.

Prince, Richard C., '48, is junior EE engineer with Bechtel Corp., 142 Sumner St., San Francisco, Calif., and lives in Concord, Calif.

Bickertoff, J. J., '48, reports the birth of a son, John William, on July 9, 1933. They live in Inspiration, Arizona.

Johanson, William A., '49, represents Arcon Drainage & Metals, 1310 East Brill St., Phoenix, Arizona.

Pierce, Vernon, '49, has a new home in Houston, Texas.

Kennedy, Fred, '50, reports a daughter, Diane Marie, born Feb. 26, 1933 in Phoenix, Arizona where Fred is with Motorola Research Corp., 3102 N. Ingleside Drive, Phoenix.

Nelson, Harvey J., '50, and Christine Barnes Mandell were married on March 18, 1933, in Tucson, where he is a metallurgist with the U. S. Bureau of Mines.

Acton, Leslie C., '51, is a mining engineer at Oracle, Ariz.

Hawser, Harry H., '51, is mechanical engineer for Air Conditioning Co., in Glendale,

- California. The family home is in Whittier, Calif.
- Hess, James G., Jr.*, '31, has returned to the University of Arizona to study for a Master's degree in metallurgy. He was awarded a Phelps-Dodge graduate scholarship of \$1200 plus tuition and fees. During the summer, he worked for Titanium Metals Corp., Henderson, Nev.
- Lawless, William*, '31, is with Shell Oil Co. in Houston, Texas, and home is in Pasadena, Texas. He reports the birth of a daughter, Susan Elizabeth, on December 23, 1932.
- McDuff, Jack*, '31, is a sales engineer with Johns-Manville Co., 116 New Montgomery St., San Francisco, Calif.
- Sargeant, Fred*, '31, is an aviator in the Navy and stationed at the Naval Air Station, Glenview, Illinois.
- Wohl, Philip T.*, '31, has a son born August 1, 1933 in Phoenix. Phil is with Goodyear Aircraft Co. in Litchfield Park, Ariz. Home is at 4139 N. 11th St., Phoenix, Arizona.
- Coch, Ted*, '32, is engineer for the Chicago Bridge & Iron Co., 1100 N. 10th St., Birmingham, Ala.
- Hansen, Karl*, '32, is with Shell Chemical Corp., in Houston, Tex. and lives in La Porte, Texas.
- Rappert, Donald A.*, '32, is a mechanical engineer with the Kalamon Purina Co., Denver, Colorado. Home is at 1599 Vine St.
- Rateman, Ernest*, '32, received an M.S. from Leland Stanford in August and is now with the Air Force in Rome, N.Y. He reports the birth of a son, Steven Lee, in June 1933.
- Walter, Robert*, '32, is with the Kalamon-Purina Co. in Macon, Ga. Home is at 3233 Hattall St., Macon.
- Zachry, William*, '32, is engineer for the Fisher Contracting Co., 2291, South 19th Ave., Phoenix, Ariz.
- Bryer, Richard C.*, '33, received an AIEE Fellowship for graduate study and is now at California Institute of Technology, in Pasadena, Calif.
- Jenny, William*, '33, is a mining engineer with the San Manuel Copper Co. at Oracle, Arizona.
- Johnson, John M.*, '33, is an engineer in the mechanical-electro lab at White Sands Proving Ground near Las Cruces, New Mexico.
- Martin, Lincoln*, '33, is an engineer with Shell Chemical Corp., Pittsburg, California, and lives at 311C, Madeline, Pittsburg.
- Stevens, James G.*, '33, is with the Banner Mining Co., Tucson, Arizona.
- Wallace, Robert G.*, '33, is with the Bousden Construction Co. in Phoenix, Ariz.
- Wilson, Robert*, '33, is a civil engineer with the County of Los Angeles in California.

PSI

- Bowser, Edward O.*, '34, is now assistant general superintendent for Anaconda Copper Mining Co., in Butte, Montana.
- Bove, Arthur J.*, '34, is petroleum engineer for The Texas Co. in Denver, Colorado, and lives at 2399 South Gilpin.
- Pretti, Effore A.*, '34, is now head of the department of Metallurgy at Notre Dame University, Notre Dame, Indiana.
- Wendel, Clarence A.*, '34, can be addressed at 33 Turmstrasse, Bad Godesberg, Germany.
- Dietrich, Robert W.*, '34, is with Morrison & Knudsen at Adana, Turkey, on construction work. His wife and three children remain at the family home, 11 Colorado Way, Henderson, Nevada, for the time being. Bob expects to be gone at least a year.
- Gallagher, A. Leo*, '37, is manager of the Elston Lime Co. in Helena, Montana. For some years he was with RFC in Helena.
- Lawson, Robt. W.*, '37, is branch manager for Ingersoll-Rand Co. in Salt Lake City, Utah.
- Linn, Thomas Buchanan*, '37, is metallurgist, Pullman Standard Car Mfg. Co., with mail address 1414 Field St., Hammond, Ind.
- Rockstrom, Charles*, '38, is training officer, Office Director of Training, Headquarters Eighth Naval District, New Orleans, La.
- Blake, Robert A.*, '38, is at the Van Stone Mine, Box 242, Colville, Wash.
- Rambold, August F.*, '40, is now with White Pine Copper Co., White Pine, Mich.
- Eck, Lawrence T.*, '40, is plant manager of the cobalt refinery for National Lead Co., at Fredericktown, Mo.
- Pickard, Joseph W.*, '43, can be addressed c/o Koppel, Boston & 23rd Sts., Port Area, Manila, P.I.
- Rowe, Matthew Pratt*, '41, is mining engineer for La Salle Mining Co., Box 217, Grand Junction, Colo., and lives at 1133 Bookcliff Ave., Grand Junction, Colo.
- White, John B., Jr.*, '42, is working for the Gallagher Co. of Salt Lake City with headquarters in Missoula, Mont., where he lives at 400 East Central St.
- Magnise, William T.*, '42, is now shift boss at the Badger Mine, ACMCo., in Butte, Montana, and lives at 1913 Reynolds St.
- McKenna, Thomas Mardock*, '44, lives at Rt. 1, Box 1309E, Grants Pass, Oregon.
- Campbell, Charles Virgil*, '44, is geologist-Phillips Oil Co., P.O. Box 104, Bonners, Montana.
- Lindstrom, Charles J.*, '47, is engineer for the Buckeye Coal Co., Nemausden, Pa., and lives at 211 E. Leshamock, New Wilmington, Pa.
- Blair, Ardew F.*, '49, who has been in the geological department of the U. S. Ry. is now operating a ranch near Edgar, Mont.

Argueison, Anders E., '49, gets mail at P.O. Box 181, Great Falls, Mont.
Dunn, William R., '48, is with Mear Grande Oil Co., Apartado 234, Maracaibo, Zulia, Venezuela.
Grimes, Charles O., '48, is working in the mud-control laboratory at Wolf Point, Montana.
Joyce, John P., '51, Lt. USAF, AO 1840770-

34th RSM, receives mail at APO 213, Postmaster, New York.

Ingruill, Robert G., '51, is now in the geological department of Anaconda Copper Mining Co. in Butte, and lives at 1139 West Woolman, Butte, Montana.

Farker, Percy Dew, '51, Lt. USAF, can be addressed at 1916-14th St., Bremerton, Wash.

OMEGA

Clinton, Jack, Honorary, lives at 8232 40th NE, Seattle 1, Wash.

Colgan, Arthur R., Honorary, and Mary S. Anderson were married July 4, 1953, in Rapid City, where he is on the faculty of the School of Mines.

Fewer, Wayne, '50, is in the City Engineer's Office, Watsonville, Calif.

Hesson, Robert M., '50, is a mining geologist with the U. S. Geological Survey in Denver. He lives at 2187 Dover, Lakewood, Denver, Colorado.

Manson, Gerald A., '53, is district manager in the Black Hills for Librium Corp. of America, Carleton B. Harris, '52, is mill supt. at Hill City, S. D.

Percell, Lyle L., '51, is an advertising man, 7th Floor, 383 Madison Ave., New York City. Home is at 30-11-132nd St., Flushing, Long Island, N. Y.

Barlowe, Will A., '57, is now regional manager for Mpl-Moline Co. in Mexico City, D. F. *Cleland, Maurice*, '59, is with U.S. Naval Air Missile Test Center, and lives at 142 West Clara St., Fort Huachuca, Calif.

Cole, Richard, '49, received his B.S. in Min. at the Min. School of Mines in 1947 and his M.S. at M.I.T. in 1952. He is now with the Reynolds Metals Co. and lives in Longview, Washington.

Schubnicher, Lowell, '40, Lt. Col. USAF, gets mail at Bellevue, Neb.

Sprays, Raymond, '40, lives at 1818 East Letter St., Tucson, Ariz.

Atwater, Vess, '41, Lt. USN, is District Public Works Officer, 6th Naval District, Norfolk 11, Va.

Bipelow, Donald Vernon, '41, is a staff geophysicist, Socony-Vacuum Exploration Co., Calgary, Alberta, Canada, and lives at 810 Royal Ave., Calgary.

Drickey, Paul, '41, is geologist for R. S. Anderson, Midland, Texas, and reports birth of a son on June 26, 1953.

Rehwald, Kendall P., '42, lives at 1878 Kennard St., St. Paul 4, Minn.

Bowder, Eugene, '43, is at White Sands, New Mexico.

Brady, Fred, '43, is a partner of the Brady Engineering Co. in Sparfish, S. D.

Doland, Edward, '43, is working on his Ph.D. at UCLA.

Erickson, George M., '43, returned from Korea and is farming at Fruitvale, S. D. He and Miss Bos G. Weyler of Belle Fourche, were married on August 8, 1952.

Winkler, Robert G., '43, and Joan Leavitt married on Aug. 13, 1953. Home is at 326 7th St., Idaho Falls, Idaho.

Darnall, Lloyd L., '44, is now assistant staff engineer for Standard Oil Co. at Whiting, Indiana. He is buying a home in Lansing, Illinois.

Lezuerren, Gordon, '44, who is with Kilgore Inc., now lives at 704 N. Kensington, La Grange, Illinois.

Kalisk, Kazimierz D., '44, with Marine Exploration Co., is now living in Houston, Texas. *Sandberg, Robert*, '44, lives at 1833-14th St., Boulder, Colo. and is working towards his Ph.D. at the University of Colorado.

Nelson, Raymond W., '45, is an engineer with the U.S. Bureau of Standards in Washington, D. C.

Buchel, Kenneth, '47, is now with U.S. Naval Ordnance Test Div., China Lake, Inyokern, California.

Driver, Winifred, '47, is now with Peter Kunitz Sons Co. in Portsmouth, Ohio.

Roscke, Darwood, '47, is with Sheffield Steel Corp., 817 Ambassador Bldg., St. Louis, Mo. as a "Special Representative". Mail should be sent to 6430 Wisconsin Ave., St. Louis 10, Mo. He has a new daughter, Patricia Lynn, born July 10, 1953.

Bennick, Francis R., '48, represents Westinghouse Electric Corp., in Fargo Falls, Minn.

Heck, Marvin, '48, is now City Engineer, Mitchell, S. D.

Lomont, Paul A., '48, is Construction Inspector for the Stanolind Oil & Gas Co., Box 191, Tulsa, Okla., but mail should be sent c/o Glen Lomont, Taron, Kansas.

Schmidt, George, '48, is back from Iceland, out of the service, and working for the Allison Division of General Motors Corp. in Indianapolis, Ind. Mail should be sent to Rt. #1, Box 200B, Brewsburg, Indiana.

Udager, Helmer, '48, is with Fuel Economy Engineering Co. and lives at 122 Marcell Blvd., St. Paul, Minn. He has a son, Mark Steven, born August 8, 1953.

Chamney, Neal Woodrow, '49, with soil conservation, should now be addressed at Ft.

- Burthold Indian Agency, Ellsworths, N. D.
- Drayth, John**, '49, Stuart, Florida, has a daughter, born April 28.
- Faustsen, Douglas**, '49, and Miss Peggy Pellett were married August 29, 1951. He received his Dr. Sc. from M.I.T. in July and is assistant professor of Mineral Engineering at M.I.T. Home is at 1734 Cambridge St., Cambridge, Mass.
- Hughes, William**, '49, who received his Ph.D. at Ames, is now Assist. Prof. of EE at Iowa State College, Ames, Iowa. Also, he has a daughter, Elizabeth Helen, born December 28, 1952.
- Roberts, Harry W., Jr.**, '49, is materials engineer in the Aeronautical Division, Minneapolis-Honeywell Co., and lives at 327 8th Ave. SE, Apt. 108, Minneapolis 14, Minn.
- Schmidt, Ernest**, '49, is in the testing department of the main plant, Minneapolis-Honeywell Reg. Co., and gets mail at 2543 Bryant Ave. South, Minneapolis, Minn.
- Campbell, Donald**, '50, is now with the Texas Co. in Los Angeles and lives at 9136 S. Garnish Drive, Downey, Calif. He has a new son, David Craig.
- Colvin, Arthur M.**, '50, reports the birth, in San Diego, Calif., of Connie Rae, on August 30, 1952.
- Gardner, John**, '50, with Hughes Aircraft in Los Angeles, lives in Ontario, Calif.
- Grain, Joe**, '50, is City Manager of Hot Springs, S. D.
- Hawesell, Kenneth**, '50, lives at 1314 Cottonwood, Richland, Wash. He writes of a son, Bert Floyd, born Sept. 22, 1952.
- Jarvis, Elmer**, '50, is an inspector for Western Electric Co. and lives at 7224 N. Claremont Ave., Chicago 45, Ill. He reports the birth of a daughter, Darcy Lee, born Sept. 24, 1952.
- Mathis, Gerald**, '50, is now mine supt., Cia Minera y Refinadora, S.A. Est. Wadley, San Luis Potosi, Mexico.
- Meyers, Charles W.**, '50, of Greeley, Colorado, and Miss Jackie Kaul were married on August 15, 1951.
- Borch, Steve**, '51, and Lorraine Gryb were married August 2, 1951. He is a design engineer with Westinghouse in Sharon, Pa.
- Brown, Harold**, '51, is with John Deere in Waterloo, Iowa. Home is at 1101 West 11th St., Waterloo.
- Colwell, Bernard**, '51, reports the birth of another son. He is with G. H. Lindkegel & Sons and lives at 300 S. Seaborn, Mitchell, South Dakota.
- Graham, Keith**, '51, received his M.S. at Minnesota in July.
- Millev, James E.**, '51, with G. E. Co., lives at 61 Wade St., Bridgport, Conn.
- O'Toole, Arthur**, '51, is with Dupont, Eng. Dept. Office Bldg., Newark, Del. Home is at 9 South Gray Ave., Wilmington, Del.
- Paulson, Duane**, '51, reports the birth of a daughter, Sheryl Kay, on October 3, 1952. He is with Egger-Scudder Co., Sioux Falls, South Dakota.
- Peterson, Gerald E.**, '51, with the Naval Shipyard, has a new daughter, Kristie Jane, born July 13, 1953. Home is at 2553 Georgetown St., Palo Alto, Calif.
- Schafroek, Lewis**, '51, is with E. I. DuPont, Engineering Dept. Office Bldg., Newark, Del. Home is 207 West Van Buren Ave., Wilmington Manor, Newark, Del.
- Smith, Lowry John**, '51, is field engineer for Hercules Powder Co., and mail should be sent to 621 East High St., Mt. Pleasant, Mich.
- Ulmer, Arnold**, '51, is with Westinghouse in Sharon, Pa. Home is at 214 East State St., Sharon.
- Van Boshirk, Oral**, '51, is with E. I. DuPont in Wilmington, Del. Home is at 1113 West 2nd St., Wilmington 1, Del.
- Alberts, Duane**, '52, with Allis Chalmers Co., has a new home address at 1724 West Mineral St., Milwaukee, Wis.
- DePaula, Anthony**, '52, is technical advisor, B. F. Goodrich Chemical Co., P.O. Box 448, Port Neches, Texas.
- Mader, Gary**, '52, is at the Hanford Works for General Electric Co., and lives at Dorm W-17, Room 101, Richland, Wash.
- Mohr, Thomas**, '52, and Greer Rathburn, '52, are both with Oliver Iron Mining Co., in Virginia, Minn.
- Larson, Wallace**, '51, reports the arrival of a daughter, Cynthia Marie, born July 7th, 1951. Home is at 1632 Elm St., Butte, Mont.
- Oertel, Donald Harry**, '53, has joined the engineering staff of the A. C. Spark Plug Co. Mail should be sent to 1790 East Chatham Place, Milwaukee, Wis.
- Sears, Raymond D.**, '53, can now be addressed at Pvt. US1139244 12th Troop, Co. ERTC, Ft. Belvoir, Va.

GAMMA BETA

- Tompson, Charles Hook**, Honorary, is Pres. of the Chas. M. Tompkins Construction Co., 1648 St. NW, Washington, D. C., and lives at 1051 Whitshaven St. NW, Washington, D. C.
- Walther, Carl Hugo**, Honorary, is Prof. of CE at George Washington University, and lives at 1117 27th St. NW, Washington, D. C.
- Gruber, Felix Dickinson**, '52, is a Civil Engineer, Traffic Division, Gannett-Fleming-Corday & Carpenter, Harrisburg, Pa. and lives there at 290 Rumson Drive.
- Sutherland, William Robert**, '49, is now man-

ager of the Griffin Well-point Co., in Houston, Texas, and lives there at 3111 Rosedale.

Smith, Robert Dilman, '32, is a mechanical engineer for E. I. DuPont de Nemours Co. in Aiken, North Carolina, and lives there at 1800 Alfred St., NW, Crossland Park, Aiken.

Sensabend, Juel Simon, '32, is electronic en-

ginner at the Naval Research Laboratory in Washington, D. C., but mail should be sent to 8218 Riverdale Road, Riverdale, Md.

Woodridge, William Abbott, '32, is design engineer for the General Electric Co., Pittsfield, Mass., and lives at 17 Pine Grove, Pittsfield.

DELTA BETA

Few, Allen, '32, and Lisher, Andrew, '32, write that they are working and living together in New Mexico. They are employed by

Sandia Corporation in Albuquerque and live at 513 B. Manzano N.E.

When a scholar announced his prediction that civilization would last 50,000 years, a humorist queried him at once, "And when do you expect this civilization to begin?"

Little Johnny was asked to describe a bolt and nut and turned in this gem—"A bolt is a thing like a stick of hard metal such as iron with a square bunch on one end and a lot of scratching wound around the other end. A nut is just like a bolt only opposite, being a hole in a little square bunch of iron sawed off short, with wrinkles around inside the hole."

All right—you describe it!

Two wives were talking and the subject of their respective husbands' jobs came up for discussion. The first one said—"My husband is a safety expert."

"What does a safety expert do?" queried No. 2.

"Well, if we women did it, they'd call it nagging."

A Boston spinster was shocked at the language used by workmen repairing telephone wires near her home, so she wrote the telephone Company. The manager immediately asked the foreman on the job to make a report and here's what the foreman said:

"Me and Spike Williams were on this job. I was up the pole and accidentally let the hot lead fall on Spike—and it went down his neck. Then Spike looked up at me and said: 'Really, Harry, you must be more careful!'"

In Hungary a commissar asked a peasant how the new potato crop production plan was coming.

"Under our glorious leader," answered the peasant, "our potatoe crop has been miraculous. If we were to put all the potatoes in a pile, they would make a mountain reaching to the feet of God!"

"But you know there isn't any God," said the commissar.

"There aren't any potatoes, either," replied the peasant.

A businessman realized he was at death's door and called his partner to his bedside. He then began a tale of confession.

"George," he said, "I've got to tell you this. I've embezzled \$7,910 from our firm and the invention you were about to patent, I sold for \$75,000. It was I, too, who sent your wife that photograph that got her the divorce."

"Oh, forget it, pal," consoled George. "I'm the one who put the arsenic in your dessert."

To All Life Subscribers

Fill out the form below and send it to THE GEAR. The magazine can be sent only to those alumni or life subscribers whose addresses we have.

THE GEAR cannot be forwarded on the original postage.

Name _____

Chapter _____ Class _____

Change Mailing Address FROM

_____ Street

_____ Post Office

_____ State

TO:

_____ Street

_____ Post Office

_____ State

Permanent address from which mail will always be forwarded to you:

_____ Street

_____ Post Office

_____ State

KEEP US INFORMED OF YOUR CORRECT ADDRESS

Send to

THE GEAR OF THETA TAU

210 Engineering Bldg.

Iowa City, Iowa

Officialese

A project—Any assignment that can't be completed by one phone call.

Channels—The trail left by an inter-office memo.

To expedite—Confound confusion with cummation.

Expediter—One who does same while riding on fast trains and staying at good hotels.

Efficiency expert—A guy who trains expediters.

Co-ordinator—A guy who has a desk between two expeditors.

Liaison officer—A person who talks well and listens better but has no authority to make a definite statement.

Criteria—Measures which the other guy uses to underestimate what you have already overestimated the deal to be worth.

Incentive program—A scheme to titillate a submerged urge.

To activate—To make carbons and add names to the memorandum.

Under consideration—Never heard of it.

Under active consideration—We're looking in the files for it.

In transmittal—We're sending it to you because we're tired of holding the bag.

A Conference—A place where conversation is substituted for the dreariness of labor and the loneliness of thought.

A clarification—To fill in a background so detailed that the foreground must go underground.

A modification of policy—A complete reversal which nobody admits.

To spell out—To break big hunks of gobbledygook into little hunks of gobbledygook.

Synthesis—A compounding of detailed bewilderment into a vast and

comfortable confusion which offends no one.

A survey is being made on this—We need more time to think up an answer.

Further substantiating data necessary—We've lost your stuff, send it again.

Confidential memorandum—There wasn't time to mimeograph this.

Note and initial—Let's spread the responsibility on this.

Give us the benefit of your present thinking—We'll listen to what you say as long as it doesn't interfere with what we've already decided to do.

Referred to a higher authority—Pigeonholed is a more sumptuous office.

To give someone the picture—A long and confused and inaccurate statement to a newcomer.

Research work—Hunting for the guy who moved the files.

Point up the issue—Expand one page to 15 pages.

Functional control—You tell him what to do and he'll tell you where to go.

Economist—A man who tells you what to do with money you wouldn't have if you had followed his proposals.

Statistician—A man who draws a mathematically precise line from an unwarranted assumption to a foregone conclusion.

Expert—A person who avoids all the small errors as he sweeps forward to a grand fallacy.

Administration analyst—A man who, if asked to perform an appendectomy, would approach it through the mouth.

Swiped by WARREN E. MATHEWS

GIFTS OF DISTINCTION

Proudly Bear Your Crest



Check Your Own
Chapter Fall Requirements

Stationery	Door Plates
Place Cards	Door Knockers
Invitations	Wall Plaques
Programs	Gavel & Ballot Boxes
	Medals & Trophies

You as a fraternity member may enjoy the prestige of a gift with your crest. When you select a BALFOUR created gift, you are assured of finest quality and complete satisfaction.

THE BALFOUR BLUE BOOK

Features exquisite gifts in a wide selection —

Rings in gold and silver for a lifetime of enjoyment.

Sweetheart gifts in fine jewelry beautifully crafted.

Gift Bazaar section featuring—

Gold-toned evening bag

Baby calf fitted bag

Musical evening carry-all

Floating opal pendant and earrings

Onyx gift sets—pendants and bracelets

Jewel cases, clocks, desk sets

Cuff links and tie bars in good taste.

Do YOUR gift shopping the easy way—Order from

THE BALFOUR BLUE BOOK

Mail Coupon below for Your
FREE copy

Official Jeweler
to

Theta Tau

**L. G.
Balfour
Company**

Attleboro, Massachusetts

In Canada . . .

Contact your nearest Birk's Store

L. G. Balfour Company
Attleboro, Mass.

.....date

Please send:

Samples:

1954 BLUE BOOK

Ceramic Flyers

Invitations

Stationery

Programs

Name

.....

.....



