

THE GEAR

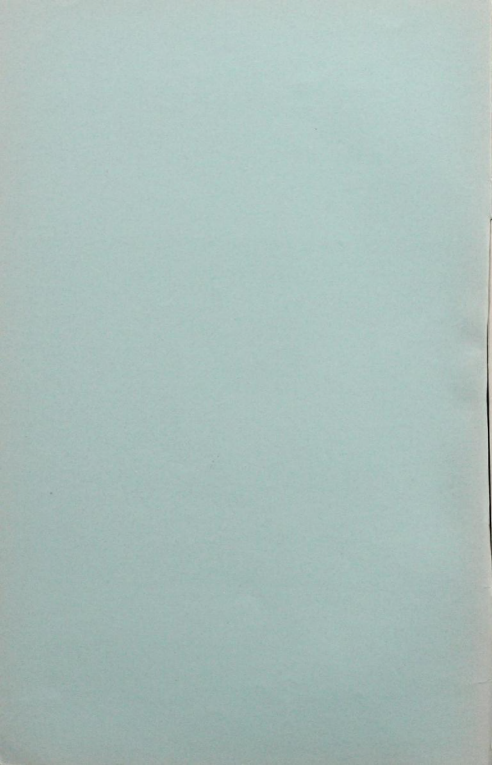
OF THETA TAU



Beta's Prize Winning Winter Carnival Entry

VOLUME XLI

NUMBER 2



The GEAR of
THETA TAU



SPRING, 1952

VOLUME XLI

NUMBER 2

Theta Tau Fraternity

Founded at the University of Minnesota October 15, 1904

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W. MURRAY LEWIS

ISAAC B. HANKS
ELWIN L. VINAL

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- A. D. HINCKLEY, Theta '27 *Grand Vice Regent*
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- PAUL MERCER, Omicron '21 *Grand Treasurer*
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10648 South Wood St., Chicago 43, Ill.
- T. C. BROWN, Rho '31 *Grand Outer Guard*
M.E. Dept., North Carolina State College, Raleigh, N. C.

DELEGATE AT LARGE

- N. B. AMES, Gamma Beta '17 *Past Grand Regent*
8 Westwood Dr., Washington 16, D. 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.
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- Northwestern*—Geo. T. Hanson, 706 Locust St., Anaconda, Mont.
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- 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, 1635 Broadway, Ft. Wayne 2, Ind.
- Little Rock Alumni Club*—Nathan A. McDaniel, 2521½ Kavanaugh, Little Rock, Arkansas

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Chapters

- ALPHA, *Founded October 15, 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 8, 1907* - - - Colorado School of Mines
c/o Dr. Leslie W. LeRoy, 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. Nelson S. Fisk, Col. of Eng., Columbia University, New York City
- IOTA, *Established February 5, 1916* - - - - Missouri School of Mines
c/o Prof. J. B. Butler, Missouri School of Mines, Rolla, Mo.
- LAMBDA, *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
Box 44, Iowa Memorial Union, 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
c/o Prof. Bart J. Conta, Col. of Applied Science, Syracuse Univ., Syracuse, N. Y.
- UPSILON, *Established April 7, 1928* - - - - University of Arkansas
(Chapter House) 612 Storrer St., Fayetteville, Arkansas
- PHI, *Established April 21, 1928* - - - - Purdue University
(Chapter house) 416 North Chauncey, West Lafayette, Indiana
- CHI, *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, 1951* - - - - Wayne University
c/o Prof. Harold G. Donnelly, College of Engr., Wayne Univ., Detroit, Mich.

The Grand Regent Says

The passing of another busy year means commencement and a new situation to those who are Seniors. To a good many it means a hitch in the armed forces. That may turn out better than it appears in prospect: probably it'll involve travel, maybe a great deal of it—always worth while; it's sure to mean a host of new friends;



it may mean a great deal of responsibility and sound experience for a professional career. In any event, interruption though it may be in normal plans, it will give opportunities that should be recognized and grasped.

Many who expect to go into service will advisedly take an engineering job for such time as they are not called, and of course most who are not going into service will get into technical work. Conditions of employment are distinctively abnormal. There are so few trained men and so many important jobs open that all graduates will have many choices. In that kind of environment, a young man should look carefully to the future. The place offering the most money or the nicest

working conditions may lack a great deal of having the best prospect of real progress and satisfaction. And there are many new developments just in the offing—perhaps a few years away, just right for the entering trained men to grow up with—that will give great satisfactions and rich reward to those discerning enough to recognize and persistent enough to stay with them.

Undergraduates need more than ever to give their best efforts to their training—the regular college work, R.O.T.C., and worthwhile extra-curricular activities. With the large number of employers interviewing the present seniors, the idea may prevail among undergraduates that it's going to be simple to get fixed up for life. Perhaps the word is around that interviewers are taking the attitude that anyone good enough for the school to give a degree is good enough for any employer to give a job. It must be realized that, even if the companies and institutions do now take that attitude,—a doubtful premise,—they will sooner or later be selecting very cautiously again and even be easing out the weaker technical men from their staffs. As a matter of fact, it is likely that there will be keen competition for good jobs by the time the next entering class of freshmen engineers is ready to go into permanent employment.

A proper aim for all capable students now is to get more than the regular undergraduate training. The extra time and expense put on sound graduate work, in many instances even through the doctorate, will be repaid many times over.

Introductory to the graduate level

(Continued on Page 26)

1952 Regional Meetings

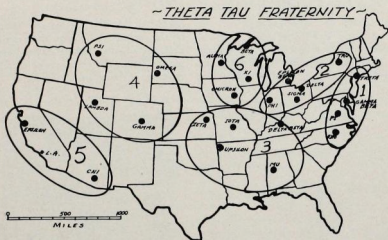
Under the able guidance of the National Committee on Regional Meetings, Jack Dumbauld, Chairman; A. D. Hinckley; and W. B. Cary; six regional meetings were set up for the

Spring of '52. The regions are shown on the accompanying map. Since engineers are adept at picking information out of tables, the arrangement of the meetings is shown in tabular form.

| Host | | | | |
|--------|---------|----------------------|--|-------------|
| Region | Chapter | Location | Participating Chapters | Date |
| 1 | Pi | Charlottesville, Va. | Theta Pi Rho Gamma Beta | March 22-23 |
| 2 | Delta | Cleveland, Ohio | Delta Sigma Tau Phi Epsilon Beta | March 22-23 |
| 3 | Iota | Rolla, Missouri | Zeta Iota Mu Upsilon Delta Beta | March 22-23 |
| 4 | Omega | Rapid City, S. D. | Gamma Psi Lambda Omega | March 29-30 |
| 5 | Chi | Tucson, Ariz. | Epsilon Chi | April 12-13 |
| 6 | Xi | Madison, Wis. | Alpha Beta Xi Omicron | March 29-30 |

THE REGION 1 MEETING at Pi Chapter had large representations from Theta, Gamma Beta and Rho Chapters. Brother Henry Kinnier, Pi '42, acted as conference chairman in the absence

of Grand Outer Guard Brown, who was prevented from attending by illness in his family. The meeting, following the outline prepared by the National Committee, began, after the



1952 Regional Meetings

opening luncheon, with the discussion of professional development and leadership by Caldwell of Gamma Beta and proceeded to the topics, alumni co-operation, by Frischmann of Pi, pledging programs by Baugh of Rho, and professional meetings by Kauzlarich of Theta. Each leader told of his own chapter's efforts along the line being considered and the delegates contributed their ideas on the subjects. A common consensus was that most chapters could improve their programs

by adopting the ideas brought out in the panel discussions.

The afternoon was terminated by a banquet at the Thomas Jefferson Inn at which some 60 delegates and prominent guests were present. After the banquet, chapter officers and advisers met for an instruction period and the delegates later entertained themselves in ways quite common among young people. All agreed that the regional meeting was an unqualified success.



Region 1 Banquet In Charlottesville

THE MEETING OF REGION 2 began Saturday afternoon with a luncheon. The first discussion was divided according to the interests of house chapters and non-house chapters.

At mid-afternoon, Brother Les Reardon, Delta adviser, opened a joint session which consisted of panel discussions on professional development by Malek, Minderman, and Pribe of Sigma; alumni and faculty co-opera-

Scott, and Wolfer of Phi; and pledging program by Conklin of Tau.

Following this fruitful session a banquet was held in Tomlinson Hall. Here, Brother Ted Kauer, Director of Highways for the State of Ohio spoke on the Ohio Turnpike.

The delegates turned out Sunday morning for two sessions under the chairmanship of Bob Linn, Delta Regent. Henry Kominek spoke on the



Delegates Attending Region 1 Conference

tion by Gray, Bogar, Skimin, Churchill, '14, and McKinney, '36 of Delta; campus service programs by Cavanaugh of Delta; off-campus service programs by Carmen of Phi; social and athletic programs by Monticello, Pease, Stokes, and Wales of Epsilon Beta; professional meetings by Nelson,

duties and responsibilities of chapter officers at the first and Brothers Reardon, Nelson and Worner directed a discussion on pledging and initiation at the second. Attendance at this meeting was high, there being 5 from Phi, 12 from Tau, 9 actives and 5 alumni from Sigma, and 10 actives and 12



From left to right: Ted Kauer, Chairman of the Ohio Highways Commission; Russell Glass, past Grand Regent and President of The Professional Intrafraternity Conference; and Les Reardon, Chairman of the Conference.

THE GEAR OF THETA TAU



Regents of the Chapters That Attended Region 2 Conference

alumni from Epsilon Beta in addition to the members, 18 actives and 9 alumni, from the host chapter. The total attendance was 70 and all were gratified at the success of the meeting.

THE MEETING OF REGION 3 at Iota was handled by Brother Joe Butler, Iota Chapter adviser, aided by Grand Treasurer Paul Mercer, and Brother M. G. Northrup, adviser of Delta Beta. Attendance at the meeting greatly exceeded expectations, there being 23 from Delta Beta, 9 from Upsilon, 6 from Mu, and 4 from Zeta for a total of 45 visiting actives and the above named alumni. The discussions at the meeting dealt with finances, professional development programs, alumni and faculty co-operation, campus service programs, social and athletic programs.

All of the sessions as well as the banquet, at which 68 were present, were held in the Hotel Edwin Long, an arrangement which contributed to the smooth running of the meeting.

Enthusiastic reports from several sources indicate that the chapters in Region 3 had a mighty fine get-together.

The REGION 4 MEETING was held at Rapid City with Omega as host chapter. At this meeting there were five delegates from Psi, three from Gamma, and seven from Lambda Chapter. Professor J. O. Kammerman, Omega adviser, was the general chairman and divided the work up among the active members in such a way that each had something to do, yet no one was burdened with his duties. Sixty-three attended the banquet, which was held in the Alex Johnson Hotel. Following the banquet, the entertainment was furnished by the Rapid City Choral Club of seventy-five voices; this was one of the high-lights of the convention. Although the distances travelled to this meeting were large, the delegates and members of Omega chapter felt well rewarded for their efforts.



Delegates at Work



Rapid City Choral Club Entertains

Frank Edwards General Manager of Centennial of Engineering

Of interest to all members of the profession is the great Centennial of Engineering which will be celebrated this summer and will reach its culmination in an eleven-day convocation from September 3 to 13. The Centennial is being sponsored by 60 national



engineers was founded 100 years ago at a time when a distinction between military and "civil" engineering work became desirable. The tremendous growth of "civil" engineering, its separation into the many branches now in existence, and the industrialization of practically all human procedures, marks a century of engineering progress the likes of which the world has never seen. This is the first time in the history of engineering that all branches of the profession have ever joined together in a meeting of national proportions.

Theta Taus are pleased that the Board of Directors of the Centennial chose Grand Inner Guard Frank W. Edwards as the General manager of this great effort to show the people of America the technical progress which has been made in the last century. Brother Edwards is associated with such prominent engineers as Herbert Hoover, Charles F. Kettering, Benjamin Fairless, and Robert E. Wilson who are members of the Board of Directors. He is "on loan" from the Illinois Institute of Technology where he is normally head of the Department of Civil Engineering.

and international groups that include in their membership the great majority of the engineering profession in the United States.

The American Society of Civil En-

Kent Van Horn Director of Research for Alcoa

Dr. Kent R. Van Horn, Delta '26, native Cleveland, one of the nation's leading research metallurgists and an authority on industrial X-Ray, on Jan. 1, became director of research for the Aluminum Company of America.

A veteran of 22 years with Alcoa,

Dr. Van Horn, 46, succeeds retiring director Dr. Francis C. Frary.

In this new position, Van Horn heads the aluminum industry's oldest and most extensive research organization. His headquarters are in New Kensington, Pa., where Alcoa's alumi-

num research laboratories are located.

Widely known for his articles in technical publications, Dr. Van Horn is co-author of a textbook, **PRACTICAL METALLURGY** with Dr. George Sachs, former member of the faculty. Another Van Horn book,



ALLOYS OF IRON AND ALUMINUM, is scheduled for publication this year.

He is the son of the late Dr. Frank R. Van Horn (Hon. Delta) mineralogist and geologist, member of the faculty and for whose activities as head of the Athletic Association for 26 years Van Horn field was named. In the "Count's" memory alumni established the Van Horn Activities Scholarships.

After graduation Dr. Van Horn completed his post-graduate work at Yale where he received his masters

degree in 1928 and was granted the Sterling Research Fellowship. In 1929 he obtained his Ph.D. from Yale and joined Alcoa as research metallurgist at the Cleveland division.

A year later he was placed in charge of the X-Ray department. He became assistant manager of the Cleveland research division in 1944. In 1945 he was advanced to chief of the division and in 1949 was made assistant director of research at Cleveland. He made his home in Shaker Heights until 18 months ago when he moved to New Kensington as associate director of research.

Van Horn is a member of 10 different technical and research societies and at 39 served as the youngest president of the American Society of Metals.

He has served as a director, vice president and president of the American Industrial and X-Ray Society; president of Alcoa's Lynite Club; a committee member of the American Society for Testing Materials; member and committee chairman of the American Institute of Mining and Metallurgical Engineers. He has also been a trustee and vice president of the American Society for Metals, the organization he headed in 1944 and 1945. He served as a director on the Alumni Council.

Married to Estelle Yost, the Van Horns and their two sons, Karl, 16, and Neil, 13, reside on Fox Chapel Rd., Fox Chapel, Pennsylvania.

Case Alumnus

Nurse: I think he's recovering consciousness doctor—he's trying to blow the foam off his medicine.

Working in Ethiopia

Serving as a consulting engineer to the Ethiopian government is John R. Thoman, Delta '42, U. S. Public Health Service who is on special assignment to the U. S. Bureau of Public Roads. His headquarters are at the Imperial Highway Authority, P.O. Box 1770, Addis Ababa. The World Bank granted Ethiopia a five million dollar loan which has been matched by ten million in Ethiopian funds for a road construction program throughout the country. Thoman writes: "My

function, in conjunction with a medical officer, will be to furnish a public health program for the Americans and natives employed on the project. The assignment, from this side appears to be quite interesting. There is very little known about the country from a public health standpoint, so anything we do will be an original contribution. I've been promoted to the rank of commander in connection with this assignment."

Case Alumnus

John Moore Injured in Korean Plane Crash

John M. Moore, Iota '44, was injured in an airplane accident when a Banshee jet fighter plane returning from a mission over North Korea plowed into other jets lined up on the forward flight deck of the aircraft carrier Essex. According to announcement from the Navy, the accident had taken place while the Essex was in operation against the enemy 75 miles off Wonsan, Korea.

John was in school at Rolla from 1940 to 1943 when he left to enter

military service and did not return. He was two years on the football team and two years on the basketball team while in school. He was active in student affairs while on the campus.

The extent of his injuries was not known by the Navy Dept. John is married to the daughter of Mr. and Mrs. Eugene C. Johnson, 47 Sylvester Avenue, Webster Groves, Missouri. Mrs. Moore is now living in San Diego, California.

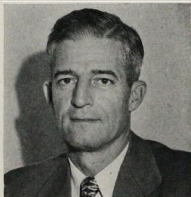
Richard Templin Wins His Own Award

Richard L. Templin, Zeta '16, assistant director of research and chief engineer of tests for the Aluminum Company of America, recently had the unique experience of receiving an award donated by himself. He is co-author of a paper on "A Method for Making Tension Tests of Metals Using

a Miniature Specimen" which was judged winner of the Richard L. Templin competition of the American Society for Testing Materials. In 1934 he was awarded the Charles B. Dudley medal by the society for his paper, "The Fatigue Properties of Light Metals and Alloys".

I. E. Sommermeyer Promoted

Since he left his home town of Marietta, Minn., to make his way in the world, Irving E. Sommermeyer, Alpha '31, has traveled quite a distance—geographically and vocationally. He joined United Air Lines as a co-pilot in 1933 and since then has flown more than 15,000 hours on the company's nation-wide system. After two years as a United captain, he served three years in World War II as superintendent of primary flight training at Glenview Naval Air Station, Ill., and later commanding officer of Naval Air Transport squadrons on the east and west coasts. In 1947, United made him an assistant flight manager at Chicago, which post he held until he recently was appointed general



manager for his company's flight operations, with headquarters at Denver.
Minnesota Alumnus

Robert Hodgson Advanced at Hydreco

Formerly sales manager and chief engineer, Robert F. Hodgson, Delta '40, has been appointed vice president of the Hydraulic Equipment Co., Cleveland. He joined the firm in 1945 as a sales engineer. Hodgson is active in the Society of Automotive Engineers. Hydreco, the name by which

the company is universally known, manufactures oil hydraulic gear pumps, control valves and cylinders which are widely used in the earth moving and materials handling industries. The firm is a division of the New York Air Brake Co.

Case Alumnus

Makes Iron Ore Cylinders

For many years iron ore companies have been pushing aside the "fluff" ore, almost as fine as dust, because it would go right up the stacks of blast furnaces and be useless. Now, through a process developed by the Blocked Iron Corp., Albany, N. Y., the fluff is being pressed into 25-pound cylindrical blocks in Ohio's first iron ore

agglomeration plant, the Concrete Pipe Co. of Ohio, Inc., North Randall, under the direction of Grayum E. Bing, Delta '27, president. In the process, the fine ore is poured onto a conveyor belt and then screened for weighing. Next it is moved to a mixing bin where salt, concrete, water and special binding chemicals are

added. Then the mixture is transferred to a molding machine which turns out the cylinders. These are placed in a steam kiln for 12 hours of baking and

they come out hard and ready for shipment to the steel mills. Bing sees a big potential for the process.

Case Alumnus

Hubert Schenck Chief of ECA Mission

Col. Hubert G. Schenck, Epsilon '22, has been appointed Chief of the ECA mission to China, with the rank of Minister. His address now is: Chief, ECA Mission to China, APO 63, c/o Postmaster, San Francisco. He is located in Saipan. Schenck was previously Chief of the Natural Resources Section, in the general headquarters of the Supreme Commander for Allied

Powers in Tokyo. He received the Distinguished Service Medal for his work with Japanese farming problems: developing new methods, aiding timber and wild-life conservation and insect control in land badly ruined from war. His citation praised him for helping the growth of free, competitive enterprise in Japan. He has also been professor of Geology at Stanford.

Americans Given Travel Advice—Others Have Right to be Different

William C. Foster, Eta '18, deputy secretary of defense, says American servicemen stationed abroad must learn to recognize the right of other peoples to be "different."

"You cannot carry the environment of any American community with you," Foster told the graduating class of the armed forces staff college, in a prepared address. He added:

"You cannot have ham and eggs for breakfast wherever you may be.

"Standards set overseas by officers and their families will not influence our own men in the ranks but will win or lose friends for us among the people where we temporarily dwell, whose support in the common defense of the free world we so greatly need."

Turning to the wives of the new graduates, Brother Foster called for

their respect for the manners and customs of the peoples among whom they may be quartered. He pointed out that the United States has military defense aid groups in 18 foreign countries.

Foster recalled that wives of U. S. servicemen who found themselves in Berlin during the famous air lift were given the opportunity to leave.

"They chose to stay and their example gave heart to the brave 'Berliners' and strengthened their determination to resist Communist aggression," he said.

Stressing the need for economy, Brother Foster said added savings could result from a further extension of unification and a greater exploitation of facilities of each service for the common use of all.

Reliance Advances Karl Meyer

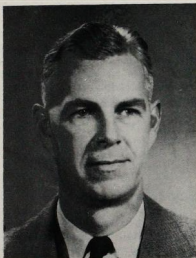
Manager of the Ashtabula plant of the Reliance Electric and Engineering Company since its completion in 1947, Karl H. Meyer, Delta '26, has been promoted to manager of the Ivanhoe

division, Cleveland, largest unit of the firm.

A native Clevelander, Meyer has been with Reliance since graduation. Working first in the production department, he became responsible for tooling methods in 1932 and for works engineering in early 1942. He was made superintendent of the marine division in the fall of 1942. Meyer became manager of the division two years later, serving in this capacity until he was transferred to the Ashtabula plant in 1947.

Meyer is a member of the Cleveland chapter of the American Society of Tool Engineers and the Cleveland Technical Society's council. He also belongs to Tau Beta Pi, Sigma Xi, and Zeta Psi. An enthusiastic yachtsman, he is a member of the Mentor Harbor Yacht Club. Mr. and Mrs. Meyer have two children, Barbara Jean, 19-years-old and Robert Karl, 13. They live at 2044 Laurelhill Drive, S. Euclid.

Case Alumnus



Develops Heating Device

Cold floors, long time bugaboo of the forced warm air heating industry, have been licked by a development of Malcom Patrick, Delta '47, Assistant section head, furnace division, Perfection Stove Company, Cleveland. His answer to cold floors is a simple device which graduates the circulation of warm air according to the amount of heat in the furnace bonnet, resulting in a smooth, even distribution of warm air throughout the dwelling.

When the reservoir of heat in the bonnet reaches a pre-determined setting, a single-speed blower comes on. The control mechanism, regulated by a thermacoil arrangement, opens gradually, delivering just the right amount of air in co-ordination with the amount of heat in the bonnet. Wide open for full flow at peak output, the vane reduces this air volume as the bonnet heat is reduced, but only shuts off the blower when all of the warm

air has been drawn from the bonnet.

This new mechanism makes it possible to obtain from a single-speed blower an evenly graduated flow of warm air not previously obtained even by a multi-speed blower. Also, it makes a gradual, heat-building distribution of warm air without the customary cold blast at the start of the heating cycle. Because it positively controls the air flow, this heating device eliminates floor-to-ceiling temperature variations. Regulation of the flow of warm air is accomplished with a simple, sturdy control which has but one moving part, built into the forced furnace at the factory. No adjustments are necessary following installa-



tion. It is called the most amazing advance in the warm air heating industry in the last 29 years.

Case Alumnus

Jet Fighter Pilot

Lieutenant Edwin D. Palmgren, Rho '50, received the silver wings of a jet fighter pilot on October 27.

During graduation exercise held at the nation's only Jet Fighter School, Lt. Palmgren and other members of Class 51-G were honored by an aerial acrobatic show and 24-ship aerial review. Col. Mayden, Wing Commander, presented the wings and diplomas during formal ceremonies in the base theatre. An informal gathering of graduates, their instructors, families and guests followed in the Cadet Club

and Officers' Club. A graduation dinner dance at the Corinthian Room of the Adams Hotel, in Phoenix, concluded the days' activities.

Brother Palmgren entered the military service in June 1944. He received his commission in June 1948. He attended Hillsboro High School in Nashville and N.C. State College at Raleigh. Brother Palmgren graduated from basic pilot training at Randolph Air Force Base, Texas, in May, 1951.

Southern Engineer

Travels Above Arctic Circle

Class Agent Ted Debrenceni, Delta '50, who led his class into second top position in number of contributions to the Case Fund last year and who is

serving as an ensign in the U. S. Navy, wrote during the summer. "I'm writing from the U. S. S. TANNER and a long, long way from home. We have



been at sea for 35 days and we are above the Arctic Circle. Icebreakers are making a path for us. The visibility has been hampered by continuous fog and that makes it rough when the big icebergs just casually drift by. I don't think that I will ever take another drink with ice in it—at least not until I get back to the States.

My job is an assistant hydrographic officer and sound boat officer. I'm in command of a 40-foot sound boat that takes fathometer readings for plotting purposes. It is interesting work and sort of 'on your own' deal. Give my regards to everyone and thanks for the swell reunion banquet. I enjoyed it very much."

Case Alumnus

More Taxes in 6 1/2 years Than in Preceding 156

Federal taxes during the past 6 1/2 years exceed by more than twelve billion dollars the total for the preceding 156 years.

This amazing fact is emphasized in a statement issued by the Evanston, Illinois, branch of the National Small Business Men's Association. The

figures:

From 1789 to June 30, 1945—a period of 156 years—federal taxes totaled \$248,348,394,590.

For the 6 1/2 years ended June 30, 1951, federal taxes totaled \$260,417,309,430—an increase of \$12,068,914,840 over the 156-year total.

Builds Model Coal Dumper

One of the many interesting hobbies sweeping the country is model railroading. Among those who are interested in it is Henry W. Campbell, Delta '22, chief engineer, Interlake Iron Corp., Cleveland who was included in a recent feature in the CLEVELAND PLAIN DEALER on this subject. He got the fever ten years ago when he bought a model train for

his sons, which is the usual way that adults get into railroading.

The outstanding feature of the magnificent layout in Brother Campbell's home at 3558 Stoer Rd., Shaker Hts., is an automatic coal dumper which he constructed. It is an accurate 1/8-inch scale model of the Interlake coal dumper in Toledo. Campbell formerly was located in Toledo with

Interlake. Coal cars run up the dumper incline, are picked up by a cradle, turned over and set down again. The next car coming up pushes the empty one down the incline on the other

stores; the HI-RAILER who buys some ready made equipment and makes the rest from kits; the SCALE MODEL BUILDER who works from kits and the TOP DRAWER BUILD-



side. Brother Campbell's layout also includes a Great Lakes ore carrier, docks and scenery.

Officials of the National Model Railroad Assn. estimate there are about 3,000 model railroaders in Cleveland. There are several categories of hobbyists: the TIN PLATER who buys the ready made equipment sold in

ER who makes outfits from scrap metal. Train sets cost from \$15 up; kits run from \$9 to \$160. The average fan spends about \$100 a year, according to MODEL RAILROAD magazine. There are several layouts in Cleveland worth \$5,000.

Case Alumnus

Mikesell Reports on Breton Woods

A new book entitled NEGOTIATING WITH THE RUSSIANS, published in December by the World Peace Foundation and edited by Raymond Dennett, director of the Foundation, and Joseph E. Johnson, president of the Carnegie Endowment for International Peace, contains a

chapter by Raymond F. Mikesell, Nu '36, professor of economics and a member of the technical staff at Breton Woods.

In the preface to the book the editors state the work is "intended to be a record of how we negotiated with the Russians and what happens when

we do." Accounts of ten different meetings, ranging from the conference on military assistance and lend-lease held early in World War II through the 1947 conference on control of atomic energy and cultural exchange, have been recorded in the volume by ten different authors.

Brother Mikesell begins his chapter on Bretton Woods by writing that "The American planners of the post-war world confidently believed that a way could be found whereby nations with capitalistic, socialistic, and 'mixed' economies could live together in harmony and carry on mutually beneficial commercial and financial transactions with one another." He related how the Russians joined freely in the discussions, and how the Russian spokesman approved the business of

the conference by seconding the proposal by the British representative for the acceptance of the articles of agreement which were submitted to the governments taking part for final approval. By December of 1945 thirty-eight countries had signed the agreement for the establishment of an international fund and bank, but not the Russians.

In the hope that Russia would eventually sign the agreement, a proposal by Czechoslovakia was approved that the time limit for signing be extended to December 31, 1946, but Brother Mikesell records that even with this additional year for the study of the plan, "the period elapsed without further word from the Soviet Government."

Carnegie Alumnus

Stanolind Oil and Gas Employs Colorado "Mines" Man



Among "Mines" men who hold important positions in Stanolind's pro-

ducing operations is Brother John R. Evans, Gamma '17, Board Member and Manager of the company's North Texas-New Mexico division at Fort Worth, Texas. He received his E.M. degree in '23. In '25 he joined Midwest Refining Company, a predecessor of Stanolind. When Stanolind Oil and Gas Company was organized in '30, he became a petroleum engineer, and in '33 was made division engineer of the Rocky Mountain division at Casper, Wyoming. In '35, he was brought to Tulsa as Chief Engineer in the company's general office, and in '48 was named manager of the largest division of the company which included East, North Central and West

Texas, New Mexico, Arizona and the World War I. southern one-third of Colorado. Evans served in the U.S. Marine Corps in

Mines Magazines

Distinguished Achievement Award to Donald Putt

Major General Donald L. Putt, Nu '28, acting Chief of Staff in charge of Air Force development, received the Distinguished Achievement Award at the Carnegie Day celebration of Carnegie Institute of Technology in 1951. A Past Regent of Nu chapter he joined the air-force immediately after graduation and also received an M.S. from Cal-Tech in 1938.

Carnegie Alumnus



Gordon Heylin Builds Utility Lines

In August of 1945 the world was still stunned by the results of the atom bomb. The second vast world war had ended but the U.S. was in a period of uncertainty. Most business men were not sure how much they should venture—or whether they should venture at all.

But one of the Ilini, who had made a distinct success of operating a segment of a power company, decided that he could go into business for himself. Gordon Shur Heylin, Kappa '28, was superintendent of overhead lines for the Detroit Edison company. He had a comfortable home at Grosse Pointe. He was a leader in civic enterprises—including the board of the YMCA and the area council of the Boy Scouts.

But, with a lot of faith in the future of the country, Brother Heylin left the Detroit Edison Company in the fall of 1945, went to Pittsburgh, and opened an office with plans of forming a company of his own. There were difficulties. Not everybody had the same kind of confidence he had. But before long he had formed and headed the Utilities Line Construction Company, with headquarters in Jenkintown, Pennsylvania.

Gordon Heylin wasn't, and isn't a swivel chair executive. He went on the road to get business and to supervise it when he got it. And his vision and work have paid good dividends. His company has grown remarkably until now it is one of the largest of its kind operating through the northern

states between Connecticut and the Mississippi River.

The Heylin company has a personnel



of between 800 and 1,200 people. More than 200 construction trucks haul its materials. Its annual payroll is more than four million dollars a year.

The company assumes jobs which to many of the biggest power corpora-

tions are headaches. Utilities Lines takes care of the outside plant operation of many of the large utility companies. Brother Heylin explained: "This includes the construction of steel tower lines, the maintenance and setting of new wood pole structures and the operations brought about by severe storm conditions."

When a terrific hurricane hit the East coast of the U.S., the Utilities Line Construction company rushed in men from many other localities—brought in many by chartered planes and had them equipped and ready for work within a matter of hours. The extent of that operation was enormous.

But it doesn't take a great storm to put drama into the operations of such a company. A firm that builds and maintains lines from the East coast to the Mississippi is a whale of a show at any time. In spite of tensions, Gordon manages to be young and to continue to carry more than his share of civic responsibility. He and Mrs. Heylin have two children—Gordon 10, and Peter, 7.

Illinois Alumni Magazine

Richard Dillender Appointed as Instructor of Ceramic Engineering

Richard D. Dillender, a recent graduate of the School of Engineering at North Carolina State College, has returned to the School in the capacity of Instructor of Ceramic Engineering.

His appointment, effective January 2, 1952, was announced by the head of his department, Dr. W. W. Kriegel, and by Dr. J. H. Lampe, Dean of Engineering.

Brother Dillender obtained a Bachelor's degree in Ceramic Engineering in June, 1950, graduating with honors. Since that time he has been employed by the Merry Brothers Brick Company of Augusta, Ga.

His professional affiliations other than Theta Tau, include Tau Beta Pi, engineering honorary society, and

Keramos, the Ceramics professional fraternity.

During his student days he served as Secretary, and later, Vice-President,

of the State College chapter of Keramos, and was also a member of Pi Eta Sigma, the freshman honorary, and Blue Key, an activities fraternity.

Tom Oliver Returns to Sea Bees



Thomas W. Oliver, Kappa '25, assistant bridge engineer for the Kansas State Highway commission, Topeka, has been recalled to active duty in the Naval Reserve and assigned

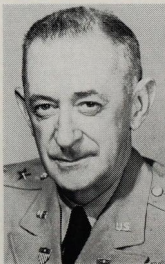
to the Reserve SeaBee program office at Sixth Naval district headquarters located at Charleston, S. C. He holds the rank of lieutenant commander. Comdr. Oliver has been associated with the Kansas Highway commission since 1930 except for two years during World War II when he served in England and led the 146th SeaBee battalion into Utah beach during the Normandy invasion. Later he transferred to the Seventh fleet in the Pacific and served as strategic planning officer of the Brigade staff.

Illinois Alumni Magazine

K. B. Bush Honored for Korean Service

On July 28 Kenneth B. Bush, Kappa '16, was promoted to the rank of Major General and on August 25 he was presented the Distinguished Service Medal in Tokyo by General Mathew Ridgeway for his services before the Korean conflict as adjutant general of the UN command, Far East command and the Supreme Commander for Allied Powers in Japan. General Bush now is assigned to the Adjutant General's office in Washington as chief of the personnel bureau.

Illinois Alumni Magazine





H. R. Loxterman Promoted

Brother H. Russell Loxterman, Nu '30, graduated from the Carnegie Institute of Technology, in 1930—a year in which the industrial world was not particularly interested in young engineers. Like many others, however, Brother Loxterman survived the depression and has made good progress in his profession. According to the *CARNEGIE ALUMNUS*, he has recently been appointed manager of the steel plant equipment department of the Blaw-Knox Co., Blawnox, Pa. He lives with his family at 156 Spring Grove Road, Pittsburgh 35, Pennsylvania.

Cliff Strike on New York Herald-Tribune Forum

Clifford S. Strike, Kappa '24, a former southern Illinois boy who now heads one of the world's largest engineering companies, recently was a speaker on the New York Herald-Tribune's forum on world affairs. Authorities in a score of fields took part in the program and their talks were printed in full in a special edition of the Herald-Tribune.

Brother Strike is president of F. H. McGraw and company in New York, one of the eleven firms which combined as Overseas Consultants, Inc. to design a \$650,000,000 seven-year development plan for Iran at Iran's request.

He declared in his address that, although the plan failed before it got started, "there is much hope" for the idea of "sharing social and scientific progress between nations."

The nation of 16 million Persians is one in which most of the people are at starvation level of economy and are controlled by a few immensely rich men who, naturally, have no compelling urge to better the state of the common man. When U.S. help was planned for Iran, explained Brother Strike, it had to be administered by people who knew what they were doing and this meant people in the financial ruling group. The rest of the story the reader can figure out for himself.

"I don't believe in spreading our bureaucratic system onto underdeveloped and unsuspecting countries such as we are presently proposing under Point Four," the speaker said. "But if a country genuinely desires the benefit of social and scientific developments by intercourse with highly

industrialized nations, ways and means exist or can be devised to accomplish the task. Iran's experience should be a most valuable object lesson."

Brother Strike heads the company which is building the vast energy plant in the southern counties of Illinois and on the other side of the Ohio river. The Herald-Tribune's summary says:

"Clifford S. Strike, president of F. H. McGraw and company, builders of \$500,000,000 worth of industrial plants since 1929, joined the company shortly after it was formed in that year . . . a Mid-westerner, was born forty-nine years ago in Marion, Illinois, was brought up in Wichita and Toledo . . . was graduated from University of Illinois with an engineering degree in 1924, began his career that year in New York with Dwight P. Robinson company.

"Elected president of F. H. McGraw in 1941 . . . likes to keep in close contact with construction progress de-

spite his administration duties . . . Firm recently completed the \$20,000 Jones & Laughlin coal plant near Pittsburgh, the \$32,000,000 Coosa River newsprint plant in Alabama . . . he became president last year of New England Steel Development Corporation to establish a steel mill in New England area and arranged for an extensive economical survey there to determine present and potential markets for steel . . .

"Was appointed Deputy Chief for Reparations after directing reconstruction of vital non-war industries in Germany at request of government in 1945 . . . elected in 1947 head of Overseas Consultants, Inc. a group of eleven engineering and business management firms that surveyed Japanese industries and made recommendations on reparations . . .

"Lives in Hartford, Conn., is married and has two daughters and a son."

Illinois Alumni Magazine

Steve Westaby a Big Wheel With U. S. Steel

Steve Westaby, Omicron '38, received a publicity burst in the March 8, 1952 issue of *Colliers* that would make a Hollywood actor green. The article, "On the Delaware", describes the tremendous new development of U. S. Steel, the \$400,000,000 Fairless Works which occupies some six square miles of land on the Delaware River near Trenton.

Getting around to Brother Westaby, the assistant superintendent of industrial relations, *Colliers* gives Steve and his family two columns. His early

struggles to find a place in the industrial world of 1938 were discouraging and he nearly gave up engineering to follow the footsteps of his father, a doctor. A timely offer from U.S. Steel changed the picture, however, and he began a career which has been marked with repeated promotions to positions of greater responsibility. As he begins the task of providing personnel for the new Fairless Works his years of preparation will stand him in good stead.

Ohio Department of Highways Engineers-in-Training Program Directed by Theta Taus

When T. J. Kauer, Sigma '28, took over as Director of the Ohio Department of Highways in January, 1949, one of his first progressive acts to overcome the department's engineer short-

age was to institute an Engineers-In-Training program.

Brother Kauer has placed high emphasis on the whole idea which has already demonstrated the highway department can develop its own talent thereby insuring the public a contin-



age was to institute an Engineers-In-Training program.

Col. Charles P. Smith, Sigma '28, who is now Executive Secretary for the Department of Highways and Vice-President of the Ohio Society of Professional Engineers, has been a key figure in the development of this program.

Since its beginning in March of 1949, some 350 engineering graduates have participated in the various experiences designed to give the graduates a good highway background and a chance to choose their own fields of endeavor. Eighteen have been graduated from the training program and at the present time, 189 are taking their training.



uation of engineering ability able to cope with the great problems facing highway transportation.

The program has been instrumental in enabling Ohio to get out plans far in advance of available funds to be used in selling the jobs. A huge backlog of projects was overcome in 1949 and 1950 and considerable credit is being paid to the training program for this great accomplishment.

The training program is also being viewed happily by engineering associations and private industry as a great step forward in the utilization of talent and its preparation for future top level needs.

Colonel Charles P. Smith (United States Army Reserve) is now Execu-

tive Secretary to the Director of Highways. He is Turnpike Engineer for the Ohio Department of Highways, serving as liaison between Highway Director T. J. Kauer and the Turnpike Commission. He is a Civil Engineer and a graduate of the Command and General Staff School of the Army. Since 1926, he has progressed through the bridge design department of the highway commission except for war service from 1940 to 1946, when he was a member of the General Staff on Strategic and Logistical planning.

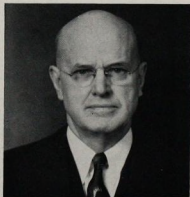
Brother Smith resides with his wife and two children at 3789 Olentangy Blvd., Columbus, Ohio.

Theodore J. Kauer is a native of Sandusky, Ohio now residing in Co-

lumbus with his wife, the former Gertrude Schmidt of Sandusky, and his children Robert Christian and Carolyn Louise. Unlike Brother Smith, he has come fairly recently to the Ohio Department of Highways. His professional career involved periods of service with the Stevens Construction Company, Cleveland, Ohio, the US Civil Aeronautics Administration, Washington, D.C., the American Concrete Pipe Association, Washington, D.C., and the Wire Reinforcement Institute, Inc., Washington, D.C. He became Ohio Director of Highways in January 1949. He is the author of several technical papers and member of many professional societies.

W. H. Wheeler Heads IT Alumni

Walter H. Wheeler, Alpha '06, Minneapolis consulting engineer, is the new president of the Alumni Association of the Institute of Technology. He was elected from the first vice



presidency at the association's annual dinner reunion November 9 in Coffman Union.

Brother Wheeler, inventor of the Smooth Ceiling System of flat slab construction, heads an engineering firm which he operated throughout the United States and Canada and as far west as Hawaii. He was engineer for the design and construction of the famous Mendota bridge over the Minnesota River at Minneapolis. Among the other officers elected was: Donald J. Heng 1930-36, Minneapolis, first vice president; while among those continuing on the executive committee are: Remus N. Bretoi, Alpha '45, and Kenneth J. Duncan, Alpha '10.

The 190 engineering alumni at the dinner were welcomed back to the campus by University President J. L. Morrill. George M. Shepard, Alpha '09, the retiring president of the IT alumni body, presided.

Minnesota Alumnus

The Grand Regent Says

(Continued from Page 4)

work, thorough work in fundamentals is the first requisite. Then general course material—composition, literature, history, languages, and such—should be liberally spread through the curriculum. Such reasonable time as remains should be devoted to either professional courses in a specialty or general survey-type courses to give the basic material of several specialties, to furnish a course frequently called General Engineering. The sound training resulting would give a good student a firm background for graduate study.

Mindful of the value of educational background when competition is stiff, this idea is recommended for consideration of our young men.

Post Grad: "How are your brothers?"

Young Brother: "Just fine."

Post Grad: "What are they doing now?"

Young Brother: "Oh! One is an engineer and the other one works."

Attention, Professor:

According to Mae West, a curve is the loveliest line between two points.

Little girl to her mother: "Will I walk to Heaven on a golden bridge—the minister said so."

"He's wrong, dear, there are no bridges in Heaven—it takes engineers to build bridges."

TYPOGRAPHICAL ERROR DEPT.

"Coach Pelham again is active after having been laid up for several days with a bad coed."

If war remains a threat or becomes an actuality, education will not only be an asset, but a contribution, a patriotic accomplishment. There never are enough highly trained men. One of the lessons of the last war was the fact that too few engineers were thoroughly trained in fundamental science. Too much of the development work, in such fields as radar and aeronautics, had to be done by the physicist, the mathematician, and others. The foresighted young student will prepare himself to step into such places.

The times ahead appear uncertain and troubled, but they do offer a challenge and an opportunity to the man sound enough to accept them.

DONALD D. CURTIS

Grand Regent

Bride: "I've got my husband eating out of my hand."

Girl Friend: "Saves dish washing, doesn't it?"

Friendly policeman, watching slightly tipsy householder fumbling with lock of his front door, offered to put the key in for him. "No, tanksh, the man replied, "I can handle the key—you jusht hold the housh."

Then there's the fortune-teller who has two holes in his crystal ball so on Thursdays he can go bowling.

Indian chief, introducing family to paleface: "Me chief Brave Eagle. This my son, Flying Bird. This my grandson, Supersonic Jet."

Letters To the Editors

Hochstrasse 9
Zurich, Switzerland

Mr. J. W. Howe, Editor
THE GEAR of Theta Tau
Iowa City, Iowa

My Dear Joe:

I know how hard you work to keep up with stray Theta Taus all over the world and I appreciate immensely the grand job you and Erich have done throughout the years. Of course, I want you to know where I am so that you can send me the GEAR while I am so far away from things at home. It has been a long time since I've seen a brother Theta Tau and I hope any in this "neck of the woods" will look me up.

While in service in Italy during the last war I came to Switzerland on a leave tour, spent a night in Zurich and visited the Swiss Federal Institute of Technology. To the Swiss it is "Eidgenossische Technische Hochschule" or simply "ETH" for short and I for one like the short name as I can hardly pronounce the full one after six months. It is the best school over here in my opinion and I am grateful for the opportunity to work and study with them.

My only complaint is that they built the school in the German speaking part of Switzerland. All classes are conducted in German and it was a really new experience for me. I am sure I shall be much more sympathetic with foreign students at George Washington University when I return.

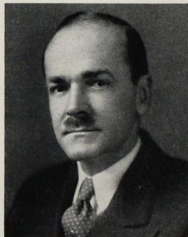
The Swiss are wonderful people, exceeding my earlier impressions of their kindness and willingness and ability. Nature did not give them much by way of natural resources besides their beautiful mountains with their waterpower. Of their 13,949 square miles one-fourth is mountains, one-fourth woods, one-fourth hillside pasture (our animals would fall out of because of their steepness) and one-fourth tillable land with little or nothing under it by way of coal, oil or gas.

They take this natural water power, add a lot of human water power (sweat) and today are unquestionably the most stable nation in Europe and probably in the whole world. It is my guess that Zurich will someday be the center of Europe financially and industrially.

We of the U.S.A. can learn much from them and that is just why I am here now. They typify completely the "four pillars of Freedom", mentioned by George M. Gadsby in the Edison Institute Bulletin for August 1951, as the will and courage to "work, save, vote, and pray". All the men automatically

serve in the army for about twenty years and vote. And they take their politics seriously, reserving to the voters the right to accept or reject the actions of government officials. They have real democracy.

I have visited a number of engineers and engineering firms including Brown-Boveri, Oerlikon, Escher Wyss, Motor-Columbus and



Elektro Watt and they are smart engineers who build and sell in competition with the whole world. They got no Marshall Plan money and very little business from it as under the Plan money must be spent in aided countries as far as possible. They'll tell you quietly and proudly that they are glad they didn't need the handout but would like some of the business.

Over at Ottmarsheim on the Rhine in France, U.S. dollars and U.S. equipment are building a fairly large low-head hydro plant 140,000 KW with 14.5 kilometer open water canal and locks just below the Kembs plant. I visited the project at the time of greatest opportunity during construction.

I expect to leave January 11th for a week in Paris and London in search of information on European power. Will spend some time in Geneva later. We have much better statistics in the U.S.A. and O.E.C. (Organization for European Economic Cooperation) is trying to get the story in Paris and United Nations in Geneva. I hope to get the whole picture.

Practice over here is quite similar to ours with exception of somewhat lower steam pressures and temperatures and less complicated steam cycles. They don't like our open air stations and are putting hydro stations underground wherever possible. Fifty cycles is standard frequency and 381/220 volts standard distribution voltage. Personally I feel we should standardize throughout the world to facilitate the flow of equipment but it looks like they are committed to the above for a long time.

Just one more point and then I am through. I should like to see more exchanges of students between the U. S. A. and Europe. It would be tremendously helpful in promoting understanding. Maybe engineers can succeed where politicians and soldiers have failed. I'd like to see lots of our boys come over here and maybe someday we could have chapters of

Theta Tau too. And wouldn't that be a headache for Erich! Please tear this out of his copy if you should publish this in the GEAR.

Best wishes to you and all for 1952.

In H & T

"Deacon"

Norman B. Ames

Past Grand Regent

The fraternity welcomes this brief report of your experience in Switzerland, "Deacon," and looks forward to a longer one when you get back. Don't worry about Erich's reaction. He has heard many a proposition about locating Theta Tau chapters in the last 48 years.

The Gear of Theta Tau
210 Engineering Building
Iowa City, Iowa

Dear Brothers:

I would like to inform you of my new status and mailing address. Enclosed is the form from the GEAR.

Following my graduation from the University of Alabama in June, I accepted a commission in the Regular Army. I have been serving with the 82nd Airborne Division at Fort Bragg, N. C.

As for the future, I am leaving in a few

days for the Far East and a new assignment. Please use my home address for mailing THE GEAR.

I was very pleased to read about progress at Mu and wish all the best of luck.

Yours in H & T,

Harold L. Baker

1905 32nd Avenue N

Birmingham 7, Alabama

And all of the best to you, Brother Baker. We shall look forward to your return.

In Memoriam

The nation was shocked, some weeks ago, to read of the deliberate shooting of a young army officer by a deranged cook's helper, at Fort Hood, Texas. Theta Taus will regret to learn that the murderer's victim was Brother Harold Williamson, Past Regent of Rho chapter.

Lt. Harold Williamson was the son of Mr. and Mrs. W. Harvey Williamson, who live three miles from Washington, N. C., on the Washington-Bath highway.

Brother Williamson, an honor graduate of N. C. State College, was offered a reserve commission in the Army upon graduation in June, 1951, but his marks were high enough to warrant a regular commission, which he accepted. He was a lieutenant colonel in the State College ROTC unit and was a member of Scabbard and Blade, highest military honor fraternity on the State campus. He was a graduate in electrical engineering. He left in July, 1951, for Fort Monmouth, N. J., to

attend a Signal Corps Training School. He was then sent to Ft. Benning, Ga., and from there he was sent to Fort Bragg where he was attached to the 82nd Airborne Division.

In addition to his parents, he is survived by three brothers, William H. Williamson of RFD, Washington, Jacob A. Williamson of the U.S. Navy in San Francisco, and Edward Williamson of the home.

James Brun Johnson, Upsilon '48, First Lieutenant, Infantry, United States Army, was killed in action near Chinpa-ri, Korea, on September 6, 1951. He was awarded the Distinguished-Service Cross posthumously for the action in which he was killed. His citation read, in part, "First Lieutenant James B. Johnson distinguished himself by extraordinary heroism in action against the enemy in the vicinity of Chinpa-ri, Korea on 6, Sept., 1951." In an effort to relieve another company, Brother Johnson led repeated attacks

even though painfully wounded at the first of the action. In the final advance, he was badly wounded as he shielded one of his men from an exploding grenade. Undaunted, Lieutenant Johnson continued to lead the advance until mortally wounded by mortar fragments. His heroism so inspired his men that a vastly superior enemy force was defeated. Brother Johnson was born in Alma, Arkansas on July 2, 1923, the son of Mr. and Mrs. James Brun Johnson. He attended high school in Fort Smith, Arkansas. He was president of Upsilon Chapter while attending the University of Arkansas, and graduated with scholastic honors in Civil Engineering in 1948. Following his graduation, he worked for the Oklahoma Gas and Oil Co. in Tulsa until he entered service. Surviving are his widow, Norma Jean, and his two sons, James Brun III, twenty months, and Johnny, six months. Their home is at 607 South Twenty First Street, Fort Smith, Ark.

Russell Farewell Barden, Beta '20, died in the Sault St. Marie Memorial Hospital on October 27, 1950. He was born in Nunica, Michigan, on June 27, 1897. After completing High School he entered the Michigan College of Mines and was initiated by Beta chapter on November 24, 1917. Shortly after initiation he left college and joined the army where he served 13 months as Sgt. Motor Trans. Corps. Co. A, 308th A. E. F. He did not return to college after the war. For many years he was part owner of a Lumber and Fuel Yard in Boyne City, Michigan. Later he was manager of a large lumber company in Ft. Wayne, Indiana, and at the time of his death was managing a lumber company in Pickford, Michigan. Surviving are his widow and a daughter.

William Henry Brotherton, Eta '14, died in Dallas, Texas, on September 7, 1951. He was born in Wheatland, Texas, and after High School entered the Massachusetts Institute of Technology where he was a charter member of Eta chapter in 1912. He returned to Texas and for many years was a rancher near Dallas and then a contractor in Dallas. On June 1, 1916 he was married to Marie Dowell and they had two sons, William H. Jr. and George D. They and the widow survive.

William Westcott Cobbs, Mu '26, died in St. Louis, Mo. on November 20, 1940. He was born on August 22, 1904 in Montgomery, Alabama, the son of Mr. and Mrs. C. Claude Cobbs, 1309 S. Hull Street. Before coming to Alabama he attended Washington and Lee University. He graduated as a chemical engi-

neer and at the time of his death was employed by the Monsanto Chemical Co., 1700 South Second Street, St. Louis, Missouri.

Oscar Aldrich Dingman, Zeta '14, died December 16, 1951. He was born in Aurora, Missouri on November 14, 1889, the son of Charles A. and Willie Dingman. In 1914, he graduated as a mining engineer at the University of Kansas, and in 1931 was awarded the professional degree of Engineer of Mines. After graduation he went to LaPaz, Honduras, and then to Goldfield, Nevada, until 1916, when he moved to Butte and worked for East Butte Copper Co. until he joined the army in 1917, from which he retired as a Major of the Reserve Corps. Returning to Butte, he spent several years in active practice until 1927, when he joined the faculty at the Montana School of Mines. At the time of his death he was Professor of Mining Engineering and head of the department of mining. He married Clara Evelyn Kitto of Butte who survives with two sons and a daughter. The author of many publications on mining practices and mineral deposits, he was highly regarded in the profession and in 1951 was elected President of the Montana Society of Engineers. He was one of the members who fathered the local that became Psi chapter of Theta Tau, and at numerous times acted as advisor and attended the 1946 Convention of the Fraternity. One of the early alumni of Psi wrote the Grand Scribe—"The Fraternity has lost much; an honest man and a loyal friend."

Reynold Rudolph Kraft, Kappa '18, died in Chicago on November 5, 1951. He was born in Menominee, Wisconsin. For many years after graduation he was employed by NBC in New York City and by Roy S. Durstine Inc. He then moved to Chicago where he was factory representative for several eastern firms. Surviving are his wife Grace, and a son, Reynold R. Jr. Also, two sisters and seven brothers.

Charles Jerome Murphy, Kappa '23, died on September 10, 1941, in Indianapolis, Indiana. He was born in Paducah, Kentucky, and attended the University of Illinois, where he was initiated by Kappa chapter. At the time of his death he represented the Gale Service & Construction Company, in Indiana.

J. Gus Ropp Purdue, Phi '29. We have no further information beyond the date of death, which was August 15, 1951.

Fred R. Mentzer, Phi '39, was killed in a plane wreck while returning from a transport mission in the Pacific on October 19, 1943.

The GEAR *of* THETA TAU

OFFICIAL PUBLICATION OF THE FRATERNITY

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

Editors

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Russ Glass Heads P. I. C.



The election of our Past Grand Regent, Russell G. Glass, Sigma '24, as President of the Professional Interfraternity Conference at its meeting in Old Point Comfort, Virginia last De-

cember 1, reflects honor not only upon him but also upon the whole of our Fraternity. We extend hearty congratulations both to Brother Glass and to the P.I.C.

The historic celebration of the 175th anniversary of the founding of Phi Beta Kappa at William and Mary College held simultaneously with the sessions of the P.I.C., N.I.C., N.P.C. and P.P.A. calls attention to the venerable age now reached by the college fraternity orders. Sixteen general fraternities have now reached or passed their 100th birthdays and we will be celebrating our golden anniversary in just two more years.

Although of more recent origin than some of the other organizations, the Professional Interfraternity Conference, since its inception, has been a growing force in the Greek world. Legislation adopted in the Old Point Comfort sessions to broaden its member professions to include Agriculture, Ceramics, Forestry, Music and Theology should further extend its influence.

Additions to Membership

BETA

- 704 Wayne Wallace Bidstrup, Greenville, Michigan
 705 Charles Alan Robertson, Grosse Pointe, Michigan
 706 Jay Bernard Coon, Hancock, Michigan
 707 Robert Louis Mossner, Frankenmuth, Michigan
 708 Norman Emil Pietsch, Frankenmuth, Michigan

GAMMA

- 760 Paul Van Bethurum, Whittier, Calif.
 761 Bartholomew Joseph Burns, Brighton, Massachusetts
 762 Raymond Weston Govett, Bartlesville, Oklahoma
 763 Claude Burdette Jenkins, Glendale, Calif.
 764 William Norman Lyster, Denver, Colo.
 765 Thomas Walsh Rollins, Denver, Colo.
 766 Frank Thomas Wyman, Pasadena, Calif.

EPSILON

- 686 Richard Ellett DeLapp, Long Beach, California
 687 James Tucker Lowe, Woodland, Calif.
 688 Howard Marion Bassett, Berkeley, Calif.
 689 Robert Charles Morel, Tayoltrita, Durango, Mexico
 690 William Rossi Englebright, Berkeley, California
 691 Robert Montgomery Peckham, Jr., Woodland, California
 692 Stanley Oscar Hutchison, Alameda, California
 693
 694 Diego Gonzalez, Caracas, Venezuela
 695 Ronald Lowell Ackley, Alturas, Calif.
 696 Marshall Everett Maddock, Altadena, California
 697 Burl Arthur Tuller, Oakland, Calif.
 698 George Harold Murray, Jr., Berkeley, Calif.
 699 Charles Lucken Wraith, San Francisco, Calif.
 700 Donald Edward Dinkins, Oakland, Calif.
 701 Richard Harold Kern, San Francisco, California
 702 Paul Iver Eimon, Paso Robles, Calif.
 703 Leslie Krenn Schultz, Tulare, Calif.
 704 Clements Edward Pausa, South Gate, California
 705 Richard Charles Peterson, Los Angeles, California
 706 David Leslie Stepanek, Riverside, Calif.
 707 David Andrew Rowland, Denver, Colo.
 708 William Russell Smith, Berkeley, Calif.
 709 Richard Rayman Doell, Carpinteria, California

ZETA

- 550 Charles Roger Craig, Lawrence, Kan.

- 551 Vernon Kay Johnson, Kansas City, Mo.
 552 Donald Eugene Lloyd, Wichita, Kan.
 553 Alva Myron Caster, Oberlin, Kan.
 554 Gene L. Rogers, Dresden, Kan.

LAMBDA

- 646 Parley Mitchell Neeley, Spanish Fork, Utah
 647 Ronald Bruce Reeves, Salt Lake City, Utah
 648 Leo Herman Peterson, Salt Lake City, Utah
 649 Kenneth Jack Shumway, Salt Lake City, Utah
 650 Robert Alexander Fluehe, Salt Lake City, Utah
 651 Kenneth William Karren, Salt Lake City, Utah
 652 Phillip Keeble Rains, Salt Lake City, Utah

PI

- 460 Furman Wyche Barton, Greenville, S. C.
 461 Henry Ralph Blane, Gordonsville, Va.
 462 James Palmer Duval, Richmond, Va.
 463 Fielden Edward Faulkner, II, Lexington 11, Kentucky
 464 Bruce Scalone Fleming, Holyoke, Mass.
 465 David Joseph Fogarty, Yeadon, Penn.
 466 Peter George Frischmann, Ardsley, N. Y.
 467 William Coleman Guthrie, Richmond, Virginia
 468 Harry Lake Kirk, Fox, Va.
 469 David Paul Lalor, Arlington, Va.
 470 Felix Paul Lockwood, Jr., Villanova, Pennsylvania
 471 Robert Emory Markswood, Charlottesville, Va.
 472 Charles Wesley Melton, Richmond, Va.
 473 Charles Paul Mundorff, Palmyra, N. J.
 474 Howard Hampton Newlon, Jr., Brandy, Virginia
 475 Robert Lawrence Ridgway, Salem, Va.
 476 Dante Achille Salvetti, Blawnox, Penn.
 477 William Curtis Thacker, Jr., Charlottesville, Virginia
 478 Roberdeau Wheat Wallenborn, Charlottesville, Virginia
 479 Allen Mickey Warren, Silver Springs, Maryland
 480 Barbour Byrd Wilson, Boca Raton, Fla.
 481 William Hewitt Morgan, Youngstown, Ohio

SIGMA

- 374 Medro Joseph Brodeur, Jr., Cleveland, Ohio
 375 Harry Gunvalsen, Cleveland, Ohio
 376 Arthur Frederick Malek, Cleveland, Ohio
 377 David Robert Mitchell, Columbus, Ohio
 378 Chester Sterling Shira, Titusville, Fla.

TAU

331 Gerald William Walsh, Jr., Syracuse,
New York

UPSILON

- 384 John Alfred Ashworth, Jr., Fayetteville,
Arkansas
385 George Spear Ballard, Fort Smith, Ark.
386 Theodore Lee Beeler, De Valls Bluff,
Arkansas
387 Frank Wallace Carl, Fort Smith, Ark.
388 George Robert Miller, Little Rock, Ark.
389 John Donald Overton, Pine Bluff, Ark.
390 James Howard Smith, Dermott, Ark.
391 Leon King Smith, Jr., Longview, Texas
392 Clifton Dale Taylor Vineyard, Hampton,
Arkansas

PHI

- 288 Charles Robert Bunnell, Franklin, Ind.
289 William George Halbritter, Indianapolis,
Indiana
290 Roy Walton Hosking, Iron Mountain,
Michigan
291 Wayne Lee C. Reisinger, Evansville, Ind.

CHI

- 407 Theodore Paul Barnard, Tucson, Ariz.
408 Jack Leon Bayer, Tucson, Ariz.
409 Ernest Leroy Clark, Tucson, Ariz.
410 Elmer Eckels Dunn, Jr., Struthers, Ohio
411 Karl Walter Hansen, Tucson, Ariz.
412 Glenn Gordon Manning, Kirkland, Wash.
413 Dallas Lynn Radcliffe, Jr., Tucson, Ariz.
414 Donald Arthur Reppert, Tucson, Ariz.
415 Waldo Isaacson Rogers, St. Johns, Ariz.
416 Leonard Milton Snyder, Jamestown,
New York
417 Robert Joseph Walter, Phoenix, Ariz.
418 Albert Warner, Jr., Tucson, Ariz.
419 Ronald Arthur White, Warren, Ohio
420 Vaughn W. Widener, Tucson, Ariz.
421 Harold Graydon Wilson, Jr., Bisbee,
Arizona
422 William Arthur Zachry, Tucson, Ariz.
DELTA BETA
248 William Edward Davis, Louisville, Ky.
249 Donald Trent Fowler, Louisville, Ky.
250 Robert Horace Hollister, Union City,
Tennessee

Does a doctor doctor a doctor according to the doctored doctor's doctrine of doctoring, or does the doctor doing the doctoring doctor the other doctor according to his own doctoring doctrine?

The dying man gasped pitifully. "Grant me one last request, Martha," he pleaded.

"Of course, Stanley," she said softly.

"Six months after I die, I want you to marry Carlton," he said.

"Carlton!" she said in a shocked tone, "but I thought you hated that man."

"Exactly," he gasped with his final breath.

"Don't worry," said the motorist who'd just run down one of the farmer's sows. "I'll replace your pig."

"You can't," shouted the farmer, "You aint fat enough."

The ME instructor held the chisel against the rusted bolt. He looked at the ME student and said. "When I nod my head you hit it."

They're burying him at noon today.

"Why in the world did you, of all people, decide to buy a cow?"

"Well, the price of milk went up a cent a quart."

"So?"

"So I thought it was time I bought a cow, and took things into my own hands."

She used to be the Belle of the town but somebody tolled on her.

"Lady, you'll have to pay full fare for that boy. He must be over twelve."

"How can he be over twelve, when I've been married only ten years?"

"Listen, lady, I collect fares—not confessions."

Letters from the Chapters

Alpha De-Emphasizes Athletics



Alpha Chapter extends sincere fraternal greetings to all brothers of Theta Tau.

The winter quarter ended with our annual election of officers. Thomas Leonard was chosen Regent; Jack Hendry, Vice Regent;

Donald Olson, Scribe; Willard Frantz, Treasurer; Richard Swenson, Assistant Treasurer; Harold Miller, Historian; Robert Lofgren, Corresponding Secretary. Dr. Miles Kersten of the Civil Engineering Department is our faculty adviser.

Our recent pledge class was very pleased to put in time around the house fixing furniture, cleaning the basement, and improving the general appearance of the interior of the chapter house. The addition of a new couch and rug, purchased with the income from our parking lot, have done much to improve the appearance of the living room. At the present time the second floor of the house is being re-decorated.

An initiation banquet was held January 27 at the Boulevard Twins to honor our new actives Richard Brabec, Thomas Rodeberg, Richard Swenson, John Hendry, Joseph Kimlinger, and Robert Mockenhaupt. This brought the number of actives up to 28. The next initiation is now scheduled for spring quarter, at which time we intend to add pledges Robert Kulterman, Charles Barger, and David Huseby to the list of actives.

Social life at Alpha Chapter has not suffered in the least from the effects of cold weather. Under the able direction of Chairman Jay Cordero our social calendar has been crowded with many successful and widely varied events. The Christmas semi-formal was held at the West Twins in St. Paul on December 15. A good time was had by all and it also provided a very welcome break in cramming for finals. A beer-ball game was played with the girls of Alpha Gamma Delta on February 3, at Bryant Long Lake. Needless to say, the girls won 7 to 4. In all fairness to the Actives of Alpha Chapter, it should be pointed out that they were partying the night

before and probably weren't as sharp as usual. The night before our big ball game a very successful pajama party was held at the house. Preparations are now under way for our annual spring formal.

The loss of a ball game to girls hurt us deeply, but it certainly wasn't the only loss of the year for Alpha Chapter teams. The football team we had entered in the intramural league was consistent but nothing else in losing five straight. The basketball team managed to win a few, but was quickly eliminated in the tournament. Brother Baken has



Alpha Chapter's Pajama Party

assured us that this is all in line with the general de-emphasis in sports as proposed by the big meeting of the scholarly prexies.

Congratulations are also in order for two of our recent alumni who were recently married. The newlyweds are James Wilson and Mary Gruman, and Calvin Loyd and Betty Toland.

Now serving in the armed forces are Paul Slight and Bob Wunderlich, ROTC and NROTC men respectively. Paul is a 2nd Lt. with the Army Engineers at Fort Dix, N. J., and Bob, at last word, was an Ensign on an experimental destroyer. Don Parenteau, who recently returned from California, will soon begin officer's training in the Navy.

In closing, we would like to make it known that the first Wednesday of every month is get-together night at Alpha Chapter. This consists of a movie or sometimes a speaker with lunch following. We would like very much to have more alumni drop in at these gatherings and meet the actives.

Yours in H & T

Robert M. Lofgren,
Corres. Sec.

Beta Wins "Winter" Carnival



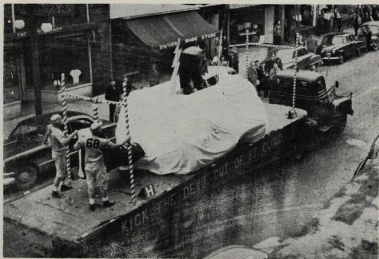
During the months since the publication of the last GEAR, Beta has forged ahead in campus activities, and has made many new house improvements.

Last fall, Beta won the Homecoming parade for the third consecutive year. The theme was "Kick the devil out of St. Cloud." All the men in the house pooled their talents to give Beta chapter first place in the Winter Carnival with the highest number of points ever earned in the history of the festival. Beta participated in many competitive events tak-

Tau. Wayne Bidstrup, Alan Robertson, Bernard Coon, Robert Mossner, and Norman Pietsch. Another initiation was held March 8, 1952, at which Robert Love, Martin O'Toole, Peter Rodal, Louis Frech, William Wolin, and Frank Makarinshy became members of Theta Tau.

The officers are the same as last year's with two exceptions. There are as follows: Regent, Attilio Berdusco; Vice-Regent, John Simmons; Scribe, Wright Sheldon; Treasurer, Gerald Dufour; Pledge Captain, Richard Hostetter; and Steward, Donald Gerkey. Professor L. F. Duggan is doing a commendable job as our faculty adviser.

Intramurals are well on the way. Beta took



Beta's 3rd Consecutive Winner

ing second place in the Queen contest, second place in the stage skits, second place in the snow statue, and 35 points out of 42 in skating and snowshoeing.

The Millionaire's party was held again this year on December 8. As usual, everyone had a wonderful time losing a fortune at the spin of the wheel or on the throw of the dice. In addition to this, the ladies played bingo for a prize of a 45 rpm phonograph.

At the end of this term five of our brothers are graduating, leaving Beta with forty-seven actives and one pledge. On December 2, 1951, the following men were initiated into Theta

second in hockey and has a good chance of winning a first in basketball.

During the past six months, Brothers Skufca '50, Larson '51, Matson '51, Lopez '51, Garrett '49, Foth '49, Brunsdon '51, Walter '49, Pierce '49, and Livingston '50 have paid the house enjoyable visits.

In closing, Beta extends fraternal greetings and best wishes to all members and chapters of Theta Tau.

Yours in H & T

Kent A. Mulholland,

Corres. Sec.

One Gets the Impression that Gamma is Athletic

GOLDEN COLORADO

Gamma chapter of Theta Tau at Mines has had an outstanding record of campus events, and Tau men have also shown interest in school activities. Many of the men are members of service organizations and, with few exceptions, each has helped Mines athletically in one or another of the many intercollegiate sports.

This year, James Huff is Regent of Gamma chapter, and assisting him with the leadership duties are Ken Dunn as Vice Regent, Dick Banks as Treasurer, and Bill Lyster as corresponding secretary. Dr. LeRoy is the chapter's sponsor, and many fine suggestions are put forth by him at the meetings. Dr. LeRoy has also lectured to the student body at Mines, and his illustrated dissertations have been an enjoyment to all seeing them.

A dance is being sponsored by Theta Tau and much work has been done by dance chairman Wally Arnold and his committee. The dance will be held in one of Denver's best hotel-ballrooms, and it is expected to be one of the outstanding functions of the year at Mines.

In the rally skits which were put on during football season this year Theta Tau took the top prize for having the best entertainment. At the Homecoming weekend festivities the Tau men took over and handled the bonfire celebrations which turned out successfully.

This year's outstanding Mines junior will be chosen by a committee of Taumen, and he will be awarded the prize of a Stetson hat—symbol of an engineer.

Recently the Theta Tau's decisively whipped Sigma Gamma Epsilon, rivals on the Mines campus, in a basketball game. The final score, after Taumen romped, was 67 to 19.

Backbone of this year's football team was supplied by Theta Tau members. Tom Wyman, Ron Betherum, Ray Govett, Wally Arnold, Dave Brown, Ken Dunn, Bob Fitch, Adam Thomas, Jim Huff, Drex Lee, Wally McGregor, Bill Watts, Ed Ziolkowski, and Bob Pozzo all contributed greatly to the Mines football team—Rocky Mountain Champions.

Mines basketball team had the first five, and even part of the "B" team from Theta Tau ranks. Tom Johnson, John Lockridge, Doug Waterman, Tom Wyman, Tom Rollins, Paul Hinrichs, and Jim Ault made up the greatest part of Mines hoopers and played fine ball.

Baseball, swimming, boxing, skiing, wrestling, hockey and soccer are also played by other members of Gamma chapter. It can easily be seen that Mines Taumen have been active athletically.

For service to their school, Bill Lyster, Dave Brown, Stew Chuber, Jim Huff, Bob Pozzo, Chuck McCullough, Ed Ziolkowski, Wally McGregor, John Lockridge, Dick Banks, Bob Fitch, and Bill Watts have helped Mines greatly as members of Blue Key, national honorary service fraternity, by completing many campus projects.

In the future, Gamma chapter plans many other outstanding campus events in the hope that through these activities and events, both athletic and social, it can benefit the school and the student body.

Yours in H & T
Stewart Chuber

Regional Meeting at Delta Goes Well



Delta Chapter of Theta Tau sends greetings to all:

Delta now numbers an active chapter forty-one strong since the addition of seventeen initiates last November 28.

Regent Bob Linn and Vice-Regent Norm Protiva capably lead the Theta Tau program on the CASE campus with the aid of Dwight O. Churchill, Scribe, Marshal Ed Steigerwald, Pledge Master Ray Herries, Inner Guard John Jackson, Outer Guard John Hon, and Dick Robuck, social

chairman. Professor Les Reardon continues his valuable assistance to the chapter as Faculty adviser.

Continuing last year's service program, Delta chapter is again sponsoring the visitation of high school seniors to the Case campus. This program assists the high school student in realizing the engineering curriculum and facilities of the institute together with providing him with a stimulus for an engineering education. Chairman of the program is Ray Herries.

The social program was highlighted this year by a chapter party held at the Artist's Club on January 18. Dancing and an inter-

mission program provided the entertainment for the brothers and their guests.

In February and March, Delta chapter members could be found making preparations for their role as hosts to the Region #2 Conference which was held on March 22-23 on the Case campus. Delta Alumni attending the conference were Walt Henry, Chuck

Bednar, Herbert Wickes, S. E. Tracy and Bruce Batey.

Delta chapter looks forward to seeing you all in Cleveland on October 15.

Yours in H & T

Richard D. Robuck,
Corres. Sec.

Epsilon Working on House Plans



Epsilon Chapter extends its fraternal greetings and best wishes to all members of Theta Tau.

Fall elections found many capable men filling the offices for this spring. They are as follows: Regent Bob Morel; Vice-Regent, Dave Rowland; Scribe, C. L. Cole; Treasurer, Richard Doell; and Corresponding Secretary, Richard Peterson. This spring we are again fortunate to have Professor E. Wisser carry on as our very capable faculty adviser.

The active membership of our chapter now stands at 42. Although many will be leaving us, via the graduation route, in June, hopes are high for pledging many undergraduates this semester.

Our activities for last fall were concluded with two football games and our semester informal. The football season was not too inspiring. We won the opening game over our perennial rivals, the "Delvers", by a 7-0 score, and dropped the last game 18-25. A

very wet winter restricted any further grid-iron activities. Our fall informal "get together" was held at the Lake Merritt Hotel in Oakland and was fully enjoyed by all of the brothers who attended.

Many activities are planned for this semester. Among these are our spring informal which will be held at Lake Temescal, the rushing smoker which is scheduled for the first part of April, and softball games with various groups on campus. Brother Burl Tuller is in charge of the informal and Brother John Farr in working on plans for the rushing smoker.

Our main activity for this spring calls for extensive work on plans for a house to be built on a lot generously offered to Epsilon by Dr. Louderback. The committee in charge of house plans, lead by Brother Paul Boswell, is industriously working to complete the plans this semester so the house can be constructed as soon as possible.

We of Epsilon are looking ahead to a very prosperous and successful semester.

Yours in H & T

Dick Peterson,
Corres. Sec.

Zeta Playing Major Role at K. U.

LAWRENCE
KANSAS

Fraternal greetings and best wishes are extended to all members of Theta Tau from Zeta Chapter.

At our last elections, the following officers were elected: Regent, Bill Stinson; Vice Regent, Bob Pope; Treasurer, Glen Beauchamp; Secretary, Graham Frevert and Bill Rae as Corresponding Secretary. Professor T. F. McMahon is still doing a grand job as chapter adviser.

The Spring semester started off with the formal initiation of five new brothers: Joe Engle, Dennis Vernon, George Holyfield, Glenn Foster and Jim Simmons. We now have

twenty actives and sixteen pledges in the chapter.



Newly Initiated Men: Glen Foster, George Holyfield, Jim Simmons, Dennis Vernon, Joe Engle.



Zeta Chapter

First Row (left to right): Joe Engle, Gene Rogers, Wendell Allen, Chuck Craig, Dennis Vernon, George Holyfield.

Second Row: Bill Rae, Don Lloyd, Glen Beauchamp, Keith Smith, Bob Kipp, Tom Oliver, Graham Frevert.

Third Row: Larry Heinrich, Jim Simmons, Dick Boggs, Truman Francis, Vernon Johnson, Bill Stinson.

Fourth Row: Dick Collins, Glen Foster, E. J. Allison, Alva Caster, Don Bannon, Bob Pope, Harold Dougherty.

A Get-acquainted smoker was recently held at the Chapter House so that we might become better acquainted with new members of the "Engine" School.

Zeta held its annual Christmas Formal at the Chapter House last December. Everyone who was in attendance agreed that it was a great success. The annual Engineer's Ball, the Hob-nail Hop was recently held with many of Zeta's members in attendance.

At the end of the Fall Semester we lost three good men because of graduation. They were Keith Smith, Bill Gartung and Bill Richey. Keith Smith and Bill Gartung have established themselves in industry while Bill Richey was recently inducted into the army.

At the end of the Spring Semester, Brothers Graham Frevert, Bill Stinson, E. J. Allison, Larry Heinrich, Bob Pope and Bob Kipp will complete their academic chores. Only Brother Pope will remain with us as he is going into graduate work. Brothers Marion Scholes and Bill Rae will be graduated at the end of the Summer Semester. Congratulations are in order for all of these men.

Zeta's men are still active in running all the engineering organizations and then some. Our men are members and officers in Sigma Tau, Tau Beta Pi, Sigma Pi Sigma, Tau Omega, Engineering Council, Schem, AICHE, ASME, AIEE and many other organizations.

Prevues of coming attractions include the Engineering Exposition and Zeta's informal Red Dog Party.

The Engineering Exposition at K. U. is being ably directed by two of Zeta's members. Vernon Johnson is general exposition chairman and Gene Rogers is publicity director for the exposition. The chapter has volunteered to build the entranceway to the engineering building. Most of our members will also be working in their own departments.

Zeta wishes to extend an invitation to all brothers to visit the Chapter house whenever possible.

Yours in H & T

Bill Rae,

Corres. Sec.

Theta Leads a Merry Life



Greetings to all the brothers of Theta Tau from Theta Chapter.

Theta began the fall season with its traditional Dinner-Dance which was held on November 30th, the evening of the Dartmouth-Columbia game. The dance was a tremendous success and everyone was in unusually high spirits. The fact that the Lions were victorious that day did not exactly dampen things. On November 30th, Theta initiated nine excellent men, two of whom contributed well-trained and willing voices to our crooning squad. The Engineer's Informal Dance, held on December 1st, was overrun with Theta Tau merry-makers. A riotous New Year's Eve Party, held at brother Ed Sherry's home, gave 1952 good reason to be born.

The new year found Theta engaged in a program to prepare the 1952 engineering graduates for job-hunting. To aid in this task, we held a Professional Meeting on January 18th. The guest speakers were Charles Kandel (Class of '41) and brother Dick Wilson (Class of '48). The entire engineering school was invited to attend. After the meeting Theta held a dinner in honor of the speakers.

The social calendar was continued with another of Theta Tau's big Dinner-Dances on

March 8th. Over half the attendance was made-up of alumni. The dance and dinner were both outstanding successes.

Activities planned for the remainder of the spring term are: participation in Columbia's Development Program, assistance in the preparations for the annual Engineer's Formal (April 19th), a stag dinner to bid farewell to the graduates, and our now traditional Spring Picnic.

At present, Theta is understaffed with only 23 actives. However, a drive is on to select good men from the Junior ranks to bring Theta's membership up to full capacity.

Theta's top brass consists of Charles Lindquist, Regent; Ken Jagel, Vice Regent; Al Petrick, Treasurer; Dic Delagi, Scribe; Ray Stella, Corresponding Secretary and Professor Walter La Pierre, Chapter Adviser.

Extra curricular activities are still in order for members of Theta Chapter. Such organizations as: Social Affairs Committee, Tau Beta Pi, Student Council, Year Book, Quarterly, and News Letter are well staffed by Theta Taus.

Theta plans a delegation of eight men to attend the convention in Charlottesville, Virginia this spring.

Yours in H & T

Ray Stella,
Corres. Sec.

Iota Regional Meeting Successful



We at Iota send greetings to all Brothers of Theta Tau wherever you may be.

The membership of Iota Chapter found itself greatly enlarged with the initiation of the new members this spring. In all, ten new men were gained: Clifford Dye, Joe Gray, John Hamby, Percy McCullah, Fred Roberts, Howard Roberson, George Stoddard, Art Thompson, Maurice Topel and Gerry Zacher. This brings the membership of Iota Chapter to a total of 44.

The officers of Iota Chapter are Ronald L. Pohlman, Regent; Robert A. Jones, Vice Regent; Thomas L. Koederitz, Scribe; Jack L. Eason, Treasurer; and Ted Ruppert, Corresponding Secretary.

Our Faculty Adviser is Professor J. B. Butler, who is Chairman of the Civil Engineering Department. Professor Butler has been active

in Theta Tau for many years and has done a great deal to put Theta Tau where it is on our campus.

The members became so ambitious and full of spirit this fall that they sold mums at the Homecoming football game. The efforts paid off so well that the Chapter has its eye on a new revenue getter.

An attempt is being made by Iota under the leadership of Professor Butler and Robert Yochum to organize a Theta Tau Alumni Group in the St. Louis Area. The initial steps were taken at a meeting in the St. Louis Engineers Club a few weeks ago. All the co-operation which they could get in organizing the group would be greatly appreciated. The Chapter feels that this is one way of adding more to the meaning of Theta Tau.

Iota Chapter was host at the Regional meeting of Theta Tau. Included in the meeting were Zeta Chapter of the University of Kansas, Mu Chapter of the University of Alabama,

Upsilon Chapter of the University of Arkansas, and Delta Beta Chapter of the University of Louisville. The conference was very successful and served to further ideas which will

make Theta Tau a better and more meaningful organization.

Yours in H & T

Ted Ruppert,
Corres. Sec.

Mu Conducts Tour for H. S. Students



urer; Don S. Brown; Corres. Sec., Donald C. Bailey; Marshal, Mark C. Gregoire; Inner Guard, Tommy Caldwell; Faculty Adviser, J. M. Faircloth.

Mu chapter sends itsbers into Theta Tau. They are: Donald S. warmest fraternal greetings to all its members wherever they may be.

Our present officers are: Regent, Richard D. Gaynor; Vice-Regent, Jack C. Brown; Scribe, Odis P. McDuff; Treas-

Brown, Richard C. Askerbloom, Frank L. Boyd, William E. Carr, Richard H. Cord, Joseph F. Curtiss, John C. Genter, Edward C. Hamilton, Charles R. Hays, and Paul G. White. We lost two members due to graduation and now our membership is 28 actives.

This year Theta Tau members conducted tours for visiting high-school students around the campus of the University of Alabama. This was done to encourage the high school students to further their education and also to give them a first hand idea of what our school offered them.

For the first time, this chapter entered a float in the homecoming parade (Nov. 24, 1951). Actives Pete Henry, Duval Easley, and Jack Brown, together with pledge Don Brown were mainly responsible for this project.

The weekend of March 21 at last brought the Regional Conference which was well attended. Mr. Faircloth, Dick Gaynor, Jack Brown, Don Brown, Dick Cord, Duval Easley, and Mark C. Gregoire all were there and agreed that it was a complete success.

Yours in H & T

Mark C. Gregoire,
Acting Corres. Sec.



Mu Homecoming Float

On March 10, we initiated ten new mem-

Xi Makes Sophomore Award



Greetings to all brothers in Theta Tau.

Our officers for this semester are Regent, George Pokorny; Vice-Regent, Frank Marshall; Scribe, Casimir (Casey) Kendziorzski; Corresponding Secretary, Elmer Schultz; Treasurer, Ed Jagodzinski; Assistant Treasurer, Dave Jefferys;

Historian, Wayne Jacobs; Marshal, Charles Marshall; Inner Guard, Ed Fleischfresser; Outer Guard, Dave Tamminga. We are being ably advised by Dr. Rohlich.

The new members initiated January 12 are Dick Alberts, Ed Fleischfresser, Dan Hertz,

Wayne Jacobs, Dave Jefferys, Adolph Kautz, Don Lang, Glenn Linsey, Charles Marshall, Ken Schmidt, Harry Spence, Dave Tamminga, and Gary Zavadil.

We now number 27 active members and 11 pledges. Our list of actives is now considerably larger than last semester and we hope to increase it even more for next semester.

Last semester we heard an outline of Shell Oil exploration work in Canada. At several of our meetings, we have been honored by the presence of Alumni. At our last meeting we were conducted through the University of Wisconsin radio station WHA. This proved to be quite an interesting experience.

Our whole chapter is at present engrossed in the preparations for our 1952 regional meeting, for which we are the host chapter.

The meeting is to be held March 29 and 30. From correspondence with the other three chapters we are expecting an attendance of over 80 members.

Our chapter has inaugurated the policy of presenting an award to the most outstanding sophomore engineer at the University of Wisconsin each semester. In this way we hope to increase interest in Engineering and in Theta Tau. We are now in the process of selecting the recipient for this semester. The applicants

are judged on the basis of scholastic ability, participation in extra-curricular activities, and degree of self-support. We believe that programs such as this can be of benefit to the profession as a whole as well as to the organization inaugurating them.

Xi Chapter sends its best wishes to all chapters of Theta Tau.

Yours in H & T
Elmer Schultz,
Corres. Sec.

Omicron Pledges Outnumber Actives



Greetings from Omicron chapter to all brothers of Theta Tau.

The officers for the remainder of the year are Regent, Warren Essler; Vice-Regent, Lindsey

Lenhart; Scribe, Ray Flanders; Treasurer, Gorman Tutsch; Marshal, Melvin Lincoln;

Levin. We are fortunate to have two fine co-advisers: Professors Ned L. Ashton and Donald E. Metzler.

At this time, the pledges at Omicron outnumber the actives. The active chapter has dropped to 23 due to mid-year graduation, but we have 29 pledges. The most important pledge project this semester is the redecoration of the chapter room. Other worthwhile pro-



Omicron Pledge Class

Corresponding Secretary, Marvin Sedlacek; Outer Guard, Oden Jester; Inner Guard, Gary Moon; Pledge Chairman, James Madison; Athletic Managers, Bill Thompson and Ed

jects are reclassifying the engineering library, establishing an organized filing system, addressing envelopes for the Dean's office, and making the customary gears to be signed by

the active chapter during initiation week.

The members of Omicron held a Christmas party in the "Woodshed" at the Amana colonies before vacation. We had a great time harmonizing to the banjo accompaniment of

year Omicron chapter had a booth among the other displays to present the activities of Theta Tau to the public. Many of our members worked in other units of the exhibition, also. One of our members, Oden Jester, was



Omicron Chapter After Initiation

our own Al Devine. At this time every year Iowa University is host to the State High School basketball tournament. Traditionally, the engineering college has an open house during the last two days of the tournament. This

in charge of the open house in the mechanical department this year.

Yours in H & T

Marvin Sedlacek,

Corres. Sec.

Pi Host to Regional Chapters



Pi sends sincere fraternal greetings to all members of Theta Tau.

Pi has been busy with many activities since the last issue of the GEAR.

In the fall, two football games with Trigon, the local competing fraternity, resulted in Pi winning: 32-0 and 27-0. Pi's triple threat of the afternoon was Bill Sinclair, who is also our newly elected Student Council Representative.

On the serious side, Pi was well represented in the spring initiates to Tau Beta Pi. Men initiated were Brothers Edward L. Ivy, Jr., Wayne T. Marshall, Dante A. Salvetti, and Howard H. Newlon. Seven brothers were on the Dean's List for last semester.

Chapter officers elected in January for the current term are: Regent, George C. McIntosh; Vice-Regent, George P. McCasland; Scribe, William H. Burgess, Jr.; Treasurer, Henry R. Blane and Corresponding Secretary, Robert E. Markwood.

We welcome back our former chapter adviser, Dr. Lawrence Quarles, Pi '29, who recently had taken a leave of absence to work with the Atomic Energy Commission at Oak Ridge, Tennessee. During Dr. Quarles absence, he was ably replaced by Professor Henry L. Kinnier, Pi '42. We would like at this time

to convey to Professor Kinnier our heartfelt thanks for a difficult job well done.

We now have a total of 39 active brothers and 1 pledge. Rushing will start in the latter part of April, at which time we will again look forward to a successful rush season.

Alumni-wise, we were glad to see several visiting brothers during their recent trips to Charlottesville. These include: Neal O. Wade, Pi '49, James R. Phillips, Pi '49, Arthur R. Temple, Pi '49, and Harry A. Batty, Pi '49.

We were the host chapter for a very successful regional convention, which was held on March 22 and 23. We were very glad of the opportunity available for meeting some of our brothers from the Theta, Gamma Beta and Rho Chapters. The convention was informative, and a good time was had by all. We are looking forward to our next opportunity to participate in both the Regional and National Conventions.

Future plans for the spring term include an election in the Engineering School, in which Theta Tau brothers comprise one slate; the semi-annual Engineer's Ball, to be held on April 18; and the aforementioned rushing program.

Yours in H & T

Robert E. Markwood,

Corres. Sec.

Rho Active on Projects



Rho Chapter has recently elected a new slate of officers. They are: Len Rubin, Regent; Jack Baugh, Vice-regent; Howard Cox, Scribe; Bill Floyd, Treasurer; Bob Carlson, Corres. Sec.; Lee Wensil, Inner Guard; Bill Facey, Outer Guard; Bill Griffin, Alumni Sec.; Roland Wiseman, Marshal.

The chapter adviser is Mr. T. C. Brown of the M. E. Department. We now have a total of 35 active members and are planning to begin a new pledge class this quarter. Plans are under way to increase the membership of the lodge to the full strength of 50 members. From our list of eligible engineers we should have no difficulty in doing this during the new term.

At our annual Founders' Day Banquet held on January 18, 1952, we initiated our Fall Pledge Class consisting of the following men: Bob Carlson, Bill Facey, Bill Griffin, Bill Lloyd, Lee Wensil, and Roland Wiseman. As guest speaker it was our pleasure to have back with us an old brother, Past Regent Harold Williamson, now a member of the

U. S. Army. Brother Jack Baugh acted as toastmaster at what resulted in a very successful occasion. Each had his respective date and attended a dance immediately following the banquet. The Chapter function was held at the Woman's Club in Raleigh, N. C.

Brother Sid Narvy and Jack Baugh have just returned from the Regional Meeting in Charlottesville, Va. and made their individual reports to the chapter.

Rho Chapter has recently helped gather funds for the Student World Service Fund here on the campus. A canvas was made of many dormitories.

A considerable amount of time has and is being put on the revamping of our alumni files. This will undoubtedly enable us to establish a closer tie with our past members.

Paul Smathers of entertainment committee has arranged some very interesting speakers for the chapter in the past several months.

Theta Tau intends to run an information booth again at our annual Engineering Fair in April this year.

Yours in H & T

Bob Carlson,
Corres. Sec.

Sigma Record Stock Gets Boost



Fraternal greetings to all members of Theta Tau from Sigma Chapter.

Sigma now has 31 actives and 6 new pledges in its fold. The newly initiated actives are: George Koch, Earl Johnson, James McBeth,

Dennis Stoia, Claude Reynolds and Jay Mitchell. The new pledges are: Antonio Fiscarelli, Charles Gilchrist, Robert J. Gorgan, William R. Lancaster, Ionel M. Papaioan and Jack O. Warden. Our initiation banquet was again held at the El Toco Restaurant on a Saturday evening and the new men put on an amusing skit after a fine meal.

During the winter quarter our basketball team, under the leadership of Gordon Kohls, went through the regular season undefeated. Although we didn't fare so well in the play-off, we still have a new trophy and possession of the Triangle cup. With the anticipated good weather coming along, we all look forward to another successful baseball season, even

after the loss of some of our star players through graduation.

The newly elected officers at the winter elections were: Frank Worner, President; Edward Priebe, Treasurer; Chet Shira, Corresponding Secretary. The sustaining officers are: Frank Worner, President; Earl Healy, Vice President; Mel Linville, Secretary; and, Professor C. G. "Bill" Smith, our faculty adviser. We all look forward to another successful year under the leadership of these men.

Our annual spring formal is to be on April 19th this year at the Winding Hollow Country Club and if it is anywhere near as successful as the one last year, I can personally guarantee anyone who attends a wonderful time. We also had a very nice house party this winter which had several things to boast of. First, everyone enjoyed the dancing and refreshments, and second, the required admission per couple was one record, so we have given our record library a much needed "shot in the arm."

The chapter is again making plans to change our campus affiliation from the social fra-

ternities organization (The Council of Fraternity Presidents) to the Professional Inter-Fraternity Council. As some of you may know, this problem has come up in the fraternity before, but we feel that we have a very good chance to make the switch. Any suggestions, pro or con, on this matter would be appreciated.

We lost only four members through graduation last quarter, but as always their absence is quite noticeable around the house and in the bull-sessions. These men are: William C. Grossman, B.C.E. and M.S.C.; H. Duane

Hannah, B.M.E.; Harry Gunvalson, B.C.E.; Gordon Kohls, B.E.E.

Our alumni have not been what you call idle since we hear that Chuck Guttadore, Sigma of '49 is the proud poppa of a son, Gregory; Glen McCoy, Sigma of '51 a girl; Lewis Cowden, Sigma of '51 a 7 pound 8½ ounce girl labeled Linda Louise.

Sigma Chapter wishes to take this opportunity to send its best wishes to all members of Theta Tau wherever they may be.

Yours in H & T

Chester Shira,
Corres. Sec.

Upsilon Members Visit High Schools



Upsilon Chapter now has the following officers: Shelton Soret, Regent; Don Boling, Vice Regent; Bennie McCoy, Scribe; Don Overton, Treasurer; Chester McKeon, Marshal; James

Bowen, Inner Guard; Bob Newell, Outer Guard; George E. Branigan, Corresponding Secretary; Al Townsend, House Manager;

Santa Claus for the occasion. Useless gifts accompanied by silly poems were exchanged by all present.

During the vacation between semesters members of Upsilon Chapter gave talks on the opportunities in engineering to high schools throughout the state. These talks have gone over very well with both the students and the teachers, and several more talks are planned for the Easter vacation.

A delegation of nine represented Upsilon



Upsilon Xmas Party



McKeon Examines Present As "Santa Claus" Parkey Holds Next Gift

Clif Vineyard, House Treasurer; and Professor James R. Bissett, Chapter Adviser.

Following a series of smokers at the chapter house the following men have been pledged: Ruby Beaver, Ed Harvey, Herman "Dutch" Keuterman, Thomas McBay, Frank Peeler, and Roy Rosin. This leaves the chapter at the present time with 35 actives and six pledges.

The annual Christmas party was held December 17. Brother Bill Parkey served as

Chapter at the excellent regional meeting at Rolla, Missouri on March 22 and 23. A report was given on the talks to high school students as Upsilon's part in the program.

Our mid-year graduates were Berle Browne, Bob Doyle, Miller Ford, Bill Parkey, Paul Watson, and Wayne Williams. We wish these men the best of luck.

In H & T

George E. Branigan,
Corres. Sec.

Phi Manufactures Mysterious Machine



Phi members are again busy preparing for the coming Engineer's Ball which will be held May 17, in the Memorial Union Building. The house basement is shrouded in secrecy as we again are developing a machine with which to conquer Triangle and keep the trophy for another year. While the mechanical minded men are busy with the machine, our Batt boat crew is rounding into shape for the race on the Wabash which will be held April 26. On the athletic scene, the upperclassmen maintained their prestige by

the year by giving a Christmas party for three underprivileged children of the city of Lafayette. During the evening, St. Nick himself presented the kids with gifts of toys and clothing.

On February 11, 1952, Robert Kaiser be-



Brother Walsmith and Our Christmas Party Guests



Upper-Lower Class Basketball Game

defeating the "fighting" underclassmen in a close, hard-fought basketball game.

The members seem to be taking an active interest in this year's elections; Phi will represent the state of Arizona in the mock political convention soon to be held on the campus.

Again the highlight of "51" was the winter formal. A good time was had by all during a snowy evening of dining and dancing at one of the local ballrooms. The chapter closed out

came a member of the chapter to bring the total chapter membership up to 292. The chapter is being run this year with 23 active members and four pledges. The prospects for more rushees are very high.

The spring election found Dave Nelson at the head of Phi, as Regent; Herb Treat as Vice Regent; Jim Carman as Treasurer; Wayne Reisinger as Scribe; and Jim Walsmith as House Manager. Jim Thorson, Omicron '41, and instructor in the Engineering Mechanics School, is Phi's chapter adviser.

Along with the many positions held in activities, Phi's men have attained positions in many honoraries. Chuck Ross was initiated into Gimlet, the athletic booster's honorary. Dave Nelson is pledging Omega Chi Epsilon, Chemical Engineering honorary, while Jack Lidstone, varsity debate manager, is pledging Gimlet, and Tau Kappa Alpha, national forensic honorary. Jack also received first place honors in the Hanley Speech Contest for Engineers recently held at Purdue. Russ Nordstrom is pledging Gimlet, and Bob Scott and Jess Brennan are pledging Skull and Crescent, sophomore activities honorary. Dick Newberry carries a Pi Tau Sigma board on campus, and Bill Phelps is a recently initiated member of Tau Beta Pi. Jim Wiese became a member of Chandelle Squadron, the Air Force ROTC honorary, and Devon Hobby is pledging Sigma Delta Chi, professional Journalism fraternity.

The members of Phi extend best wishes to all the brothers of Theta Tau throughout the country and abroad.

Yours in H & T
Wayne L. Reisinger,
Scribe

Chi Donates Time to College



Chi Chapter once again extends its greetings to all members of Theta Tau.

The fall semester ended with the election of new officers for the coming year. The new chapter officers are: Dallas Radcliffe, Regent; Harold Watson, Vice Regent; Len Snyder, Scribe; Vaughn Widener, Treasurer; and Ronald White, Corresponding Secretary. The Chapter adviser is Professor Philip Newlin.

As a result of our recent pledging activities, nine new members have been added to the rolls. Two open meetings were held, and it was with no little difficulty that the new members were selected from the prospective members attending. The new members recently initiated are: John Cronin, Charles Jones, William Jenny, Lincoln Martin, Vernon Martz, Robert Nordstrom, Pat Paterson, Leon Tolle-son, and Robert Wallace. The formal initiation banquet was highlighted by a visit from Brother Louie Fisel, first Regent of Chi Chapter, and Brother Kumpke, a founder of Beta Chapter.

In the planning of our meeting programs, in the past and for the future, we are attempting to deviate somewhat from engineering subjects as a relief from our everyday work and as a broadening of our education. At a recent open meeting we were fortunate to have Dr. John Lance of the geology department as guest speaker. He gave a very informative talk on vertebrate paleontology with illustrative slides and bone specimens that greatly increased our knowledge of the surrounding country and its history. At a later meeting, two movies were shown by a representative from nearby Davis Montham Airbase giving the physical and medical aspects of the atomic

bomb.

Several projects have been undertaken by members of Chi Chapter this year. We have donated one Saturday a month for the remainder of the semester to the cleaning and renovation of the various departmental labs of the engineering school. Our first project was the Electrical Engineering lab, and 150 man hours were expended in the cleaning and painting of the equipment. At a more recent date 160 man hours were expended on the steam power lab of the Mechanical Engineering Department, but we find that another day will have to be devoted to the completion of that phase of the project. All of the equipment has been cleaned, but the painting remains to be done. We hope to finish this job sometime in April before contending with the cement lab of the Civil Engineering Department sometime in May. We have been highly gratified with the results of our work and the response and cooperation obtained from the heads of departments and faculty. This project is not only bettering the working conditions for all students, but it gives us an intimate knowledge of the maintenance of the various types of equipment.

Chi Chapter is also planning to act as host for the Region 5 Conference to be held during April. It is hoped that an informative program can be held for all attending.

Bill Hughes, '51, and Gene Morris, '51, are now employed by the Hughes Aircraft Company at their guided missile plant here in Tucson. Lindley Hussey, Jan. '52, has accepted a position at the Hanford Works of the Atomic Energy Commission. Ralph Kitchens, Jan. '52, was called back to the Air Force upon graduation. We wish these men the best of luck in their future occupations.

Yours in H & T
Ronald A. White,
Corres. Sec.

Psi Has Active Program



Psi Chapter in Butte sends warm fraternal greetings to all brothers of Theta Tau.

This year something new has been added to the chapter meetings.

Because of the fact that we do not have a chapter house, one meeting each month is held off campus at some outside location. Movies and card games usually highlight these meetings, and the refreshments that are served are always welcomed by all. These and other meetings are ably conducted by our new offi-



Members of Psi

Sitting, 1st row, (left to right): D. Bodie, V. Longdo, R. Rice, W. Lucy, F. Crowley, R. Toshoff.
 2nd row: T. Shelton, D. Vic, D. Donaldson, L. Shelledy, L. McCall, B. Faum, R. Morris, D. Rorhnenback.
 Standing: D. Amos, R. Covlin, T. Melrose, K. Bock, J. Alexander, G. Lingo, W. Wingfield, W. Shahan, R. Arter, J. Simon, R. Miller, K. Knutsen, A. Berzonickey, C. Stevenson.

cers, who were elected and installed on the February 22 meeting, and who are as follows: Richard N. Miller, Regent; Winston Sahinen, Vice-Regent; Frank A. Crowley, Scribe; Robert E. Morris, Corresponding Secretary; Vernon D. Longdo, Inner Guard; Darrell E. Bodie, Outer Guard; William Lucy, Marshal; and Dr. J. George Gruenfelder, Faculty Adviser. Brother Eugene W. Lingo, is in charge of Psi's Pledge Class meetings.

With the coming of spring semester, Psi gained the following pledges: Ken Knutsen, Bill Wingfield, Dave Amos, Jim Simon, and Jim Allen. Active Keith Burgess and Alumnus Bob Graham are now in the ranks of the married brothers, and at present Alumnus George Mattson is making plans for a June wedding. Psi Chapter now has 29 actives and 15 pledges.

Psi's yearly social calendar began with the annual Fall Formal held in honor of Founders' Day. The party was held at the very beautiful Fez Club, where everyone had a wonderful time and enjoyed a very special turkey dinner. Early in February, Psi's annual Brown's Gulch barn dance became a reality. Twenty couples were present, and a professional caller gave the needed dancing atmosphere. Plans are now

being made for our spring formal, which will most likely be held at the Echo Lake Lodge, a place always popular with members of Psi.

This year Montana School of Mines has seen many Theta Taus in college athletic competition. Psi Chapter was well represented on the football team, with brothers Gene Lingo, Ed Kukey, and Dick Miller, and pledge brothers Don Rorhnenback, Bill Shahan, and Bill Wingfield winning letters. Three out of four basketball numerals eligible to upperclassmen were won by Taus. Those winning the numerals were Tom Melrose, Charles Jones, and Dick Miller.

Psi Chapter is also active in Montana School of Mines intramural program and several brothers have positions on the school's Yearbook Staff.

Theta Taus everywhere were saddened by the death of Brother Oscar Aldrich Dingman, Iota, '14. Professor Dingman was indeed a true friend and brother in Theta Tau, and those members of Psi Chapter who were given the privilege of partaking of his knowledge shall be forever indebted.

Yours in H & T
 Robert E. Morris,
 Corres. Sec.

Omega Host to Regional Meeting

**RAPID CITY
 S.D.**

We wish to offer our greetings to all of our fraternal brothers. Many of you we have never seen, but all of you, we feel certain, would be

fine personal friends. At present, we of Omega Chapter are enjoying the leadership of Marvin Kiel, Regent; Walt Hanson, Vice-Regent; Elmer Bierwagon, Scribe; Ralph Walker, Treasurer. Under these men we hope to enjoy strengthened and enlarged fraternal bonds.

At the present time, Brother J. O. Kammerman, our adviser, and the Committee in charge of the Regional Meeting are working on the calendar of that event. We hope to be able to present a program suitable for this honor of having the Regional held here.

The fraternity is at present represented here by 42 actives, 3 pledges, and several active alumni. The pledge list is at present quite small, however, we have a nice list of prospectives. At the last initiation the following men were welcomed into the chapter: Eugene Anfinsen, Thomas Beyer, Richard Fuerstenau, F. Donovan Propp, Roy Strom, Ralph Walker.

We are quite fat and happy here having had two fine dinners and programs in the Christmas Dinner, with turkey, and the Founders' Day Dinner, where we enjoyed elk, with each dinner well represented by givers of excellent and concise speeches.

Around school we have done well too, we believe, having been awarded first place in the M-Day floats, and having copped the intramural basketball championship just a

few weeks ago. We have been well represented in all of the sports here, both varsity and intramural. This year our varsity football team went undefeated and the varsity basketball team did very well also.

Socially, the calendar is more than adequate, with the Regional, Spring Formal, and bits of what-have-you popping up. The Regional is too close to advertise here, but to all alumni in the vicinity we extend an invitation to the Spring Formal, which will be held at the State Game Lodge on the 17th of May.

Duane Paulson wrote in from the University of Wyoming to brag about some A's in some cinch course called Political Science, just the same, we all wish him the very best.

We wish to hereby invite letters to this chapter from all of our brothers, wherever they may be, and promise news and addresses to all who desire same.

Yours in H & T

Mack J. West Jr.,

Corres. Sec.

Gamma Beta Has Good Year



Sincere fraternal greetings to all our brothers from the members of Gamma Beta Chapter.

Under the leadership of our Regent, Edward Caldwell; Vice Regent, Edward

Davitt; Treasurer, Waldo German; Scribe, Richard Julius; and Corresponding Secretary, Robert Burns, a fine program of events has been produced and enjoyed by actives, pledges and alumni. The program of events will continue through to the end of the academic year. Our chapter adviser, Dr. H. A. Miklofsky, has been very helpful and his participation in the

events of the chapter has assisted greatly in making this a successful year.

Only one brother has met his "fated" and is now well shackled since the last letter. Brother Pete Caffes is now the "lesser half" of a married couple. A good turnout of members witnessed the ceremony.

Since our last letter, five new members have been initiated, making the number of actives now twenty-seven. The new members are: James Colangelo, Paul Couper, Robert Chase, John Dodge, and Turner McLaurin. Preparations for a new pledge class are now being made and it looks like next fall will bring in many more.

An informal dance held in December brought an attendance that swelled the room.



17th Brithday Cake



Brother Feiker Speaks

Gamma Beta Chapter



Much singing, conversation and some dancing made this pledge function one of the best of the year.

A stag party sponsored by the alumni was held February 2, which turned out to be quite a party.

The Annual Engineer's Ball was well attended by members and pledges. The committee, under the chairmanship of Brother Tom Flanagan, was highly successful. The alumni in attendance were: Brothers Tom Shipp, Howard Grayson, "Bones" Beecraft, John Connors, Bill Whittemore, Joe Rekas and John Lewis.

After initiation, the chapter's Birthday Banquet and Ball were held at the Burlington Hotel. Brother Frederick M. Feiker announced at the banquet that he has a new position with the government that he will accept after retiring from the University this spring. In connection with his administrative job with

the Point-4 program, Brother Feiker indicated the importance of the program as a weapon to defeat the spread of communism and a means to bring a better way of life to all people of the world.

Congratulations go to Brother Lowell Finch for the planning of such a successful party. Many alumni were present including Past Regents George Tittrington and John Lewis.

At this writing plans are being made for the trip to Charlottesville for the regional conference at the University of Virginia. Sounds like a fine time will be had by all down there.

The Alumni Association has a full schedule of events planned including a golf tournament and a summer beach party.

Yours in H & T

Robert S. Burns,

Corres. Sec.

Epsilon Beta Underway With Active Program



Greetings to all brothers in Theta Tau! Epsilon Beta is getting into high gear this Spring under the able leadership of James R. Moden, Regent; Charles E. Wales, Vice-Regent; Charles W. Greening, Treasurer; Richard Lynch, Scribe;

Robert B. Winder, Corresponding Secretary; James D. Owens, Marshal; Leonard S. Stokes, Inner Guard, and Richard W. Mickelson, Outer Guard. Although we have been at Wayne only one year, the campus is already feeling the effects of our presence. Epsilon Beta led all Wayne organizations in recruiting donors for the recent blood drive, winning the trophy for topping the entire University, and the Engineering Student Board trophy for the most donors in the College of Engineering.

Several members of Epsilon Beta serve on the Engineering Student Board, and our Vice-Regent, Charles E. Wales, continues as President. Through the efforts of these men, the

Board has finally taken its rightful place as the governing body of the Engineering students. Also, several men have been newly elected to offices in their founder societies, with Chester J. Selden the new Secretary of S.A.E., and Richard W. Mickelson the Secretary of A.I.Ch.E.

Epsilon Beta had a successful winter, highlighted by our New Year's Eve party, the I.F.C. Ball, the Informal, the Formal Initiation. Nine men were initiated, bringing the



Regent Moden, Vice Regent Wales and Inner Guard Stokes

total membership to twenty-four. The initiates were: Norman Charnes, Norman Lee Ferguson, Steve George Godzak, Harold Kimball, Kenneth Earl Kuschell, Logan H. Mathis, James Owens, Chester J. Selden, and Ralph H. Wales. Also in the process, is the addition to our chapter of Joe Tracy, who is transferring from Beta Chapter. Pledging has not started as yet, but we hope to have eight pledges this semester.

We have a large social program lined up for this Spring, including a hayride, the Engineer's Ball, several parties, our annual Decoration Day picnic, a four-day Easter vacation at Kensington Park, and our informal initiation. This vacation is being held to give the members a chance to organize the chapter's plans for the remainder of the year. This will consist of planning and writing a skit for the Engineer's Blowout, and practicing our songs for the Inter-Fraternity Sing. The climax of this program is the formal initiation to take place on or about June 18th.

During March, we had twelve men attend the Regional Conference at Delta Chapter, and



Epsilon Beta Regent Moden Receives Blood Donor Award

all had a fine time. Previous to the conference, Epsilon Beta had an inspection from Brother Henry V. Kominek from Delta Chapter, and a lasting friendship was established during his visit.

Last January, five members of Epsilon Beta graduated from Wayne. They are: John F. Christopher, Charles D. Gillette, Clayton W. Good, J. Nelson Lauson, and Robert N. Pease. At the same time, at the University of Michigan, Harold G. Donnelly, our Chapter Adviser, received his Doctor's Degree. In honor of this occasion, the chapter presented Dr. Donnelly with an initial brief case.

The alumni of Epsilon Beta have received authorization as an alumni club, and are setting out on an active program. The ultimate aim of both actives and alumni of Epsilon Beta is the formation of a strong alumni association in the Detroit area.

Epsilon Beta sends best wishes to all our brothers in Theta Tau.

Yours in H & T
Robert B. Winder,
Corres. Sec.



Epsilon Beta Pledges at End of Informal Initiation

Any Theta Tau Going to Cleveland?

For the past two years, the officers of the Cleveland A. A. have been compiling a listing of all Theta Tau alumni living in the Greater Cleveland Area. This work was completed by Brothers Henry Konimek, Jim McKinney, and Harold Hudachek with the publication of a completed Theta Tau Cleveland Alumni roster. Following correction of this roster, a Cleveland Directory will be published.

The following were elected officers of the Cleveland Alumni Association for the 1951-'52 term: James Whitsett, President; Harold Jorgenson, Vice President; Harold Hudachek,

Secretary; Carl Basic, Treasurer; James McKinney, Executive Secretary.

Members met jointly with the Delta Chapter Actives for their Founders' Day meeting last October. We also attended the Delta initiation ceremony on November 14, 1951.

Cleveland Alumni participated in the Region No. 2 Conference held at Case Institute of Technology on March 22 and 23, 1952. Dinner speaker for this event was Brother Ted Kauer, Director of Highways for the State of Ohio, who discussed "The Ohio Turnpike." The financing construction features, and the

engineering requirements of this most modern turnpike were outlined.

We wish to extend an invitation to all Theta Tau June Graduates and Alumni moving to Greater Cleveland, in addition to those now living here whom we have not been able to contact, to participate in the activities of the Cleveland A. A. Noon luncheon get-togethers are held every second and fourth Thursday of the month at the Cleveland Engineering Society Building. Just drop in and join us. We are planning a Summer outing in July,

and we will hold a Founders' Day banquet next fall on October 15th. Please contact James R. McKinney at 715 Union Building, Cleveland 15, Ohio, if you are stopping off on business, or if you are now in the area and haven't received our meeting notices.

All Cleveland Alumni wish to extend best wishes to all members and Chapters of Theta Tau.

Yours in H & T

Harold A. Hudachek,

Secretary

Central A. A. Has Several Shining Lights

Relative to news from the Central Alumni Association for the coming spring edition of the GEAR, I am enclosing photographs, and biographies of two of our eminent members, and the story of the Engineer-in-Training Program for the Ohio Department of Highways. Brother T. J. Kauer instituted the program in January, 1949. Brother Charles P. Smith has been a key figure in its development.

I might add that as Director of Highways, Brother Kauer is responsible for the new construction and maintenance of the second largest state highway system in the country; second only to the state of Texas. Ohio has more than 18,000 miles of paved roads. If extended end for end they would go more than three-quarters of the way around the world.

Brother Kauer was principal banquet

speaker at the Regional Meeting in Cleveland last Saturday March 23.

Brother Russell G. Glass, past grand regent was elected President of the National Interfraternity Council at their Convention last fall—Congratulations "Russ"!

In conjunction with the Active Chapter, the Central Alumni Association is making plans for a big Homecoming Party next fall—November 22, 1952. So keep that date open—come and join us for a good time.

All of you Sigma Alumni—we want to put out a supplement to our 1950 Directory this spring—will you help by dropping us a card with your home address, business address, and business?

Yours in H & T

J. K. Dumbauld, Sec.

Central A. A.

Northwestern A. A. News

Theta Tau and especially Psi chapter lost a very active brother and friend with the death of Oscar Dingman in December. A member of Zeta Chapter, Prof. Dingman always had an active and affectionate interest in the doings of the local chapter and in the Northwestern A. A.

Dr. Ettore A. Peretti, Psi '34, has been named head of the metallurgy department at Notre Dame university. Dr. Peretti, received his doctor of science degree from Wurttemberg, Stuttgart, Germany in 1936, and taught at Montana Mines for 4 years. Then he was on the faculty at Columbia University in New York for 6 years. He is a specialist in non-ferrous extractive metallurgy.

Jack B. McCoy, Psi '48, has left his position as a technical chemist in the ACM co.'s laboratories at Anaconda, and is now working for the Government, in the field of Strategic Minerals. He is still located near Anaconda,

and may be reached at P. O. Box 203, Anaconda.

Glenn Johnson, Psi '36, writes from Braden, Sewell, Chile. "I have been here at Braden for two years, now. Am working in the Mine as Assistant Foreman to the Level Foreman. I come across Walter Duykers (Psi '38) now and then. I am the only Montana Mines man here at Braden".

Dave Jones, Psi '35, is with the Corps of Engineers of the San Francisco District. He is the Valuation Engineer (Mining) for the Army Real Estate Division, and can be reached at 1348-105th Avenue, Oakland 3, California.

John C. Rabbitt, Psi '35, is Chief, Trace Elements Section, with the USGS, in Washington, D. C. He can be reached at 1741 Harvard St., NW, Washington, D. C.

Lt. Comdr. Thor Johnson, Psi '41, has just concluded his tour of 22 months sea duty

aboard the USS Kermit Roosevelt. He is now stationed at the Mare Island Naval Yard at Vallejo, California.

Will Mitchell, Jr., Psi '40, has recently been promoted to assistant director of research for the Allis-Chalmers Manufacturing Co. in Milwaukee. He has been associated with Allis-Chalmers as a research supervisor since 1947.

Charles Arentzen, Psi '50, has left the Gallagher Co. in Salt Lake City, and is now an assisting research engineer with the ACM Co. at the Smelter in Anaconda.

Scott Burrill, Omega '47, who is with

Kennecott Copper Corp. reports the birth of a daughter, Barbara Lyn, Sept. 29th. Scott and Betty give their address as Box 611, McGill, Nevada.

I sincerely hope these news items will be of help, and will arrive in time to use in the GEAR. I want to tell you that I appreciate receiving it each time, and think you are doing a very fine job. Thank you!

Yours in H & T

George T. Hanson, Sec.

Northwestern A. A.

Little Rock A. C. Wants Brotherly Advice

We are still in the process of organizing the Little Rock Alumni Club and therefore have very little to report in the way of activities or accomplishments.

Our officers are: Bill Shook, President; Leroy Brooks, Vice President; and Nathan McDaniel, Secretary-Treasurer. We have about six members who have been present at meetings so far, but we hope to increase that number as our organization takes form.

We would appreciate any comments or suggestions from other Alumni groups that

might aid us in our organization. Letters may be addressed to me, Nathan A. McDaniel, 2521½ Kavanaugh St., Little Rock, Arkansas. We are particularly concerned with organization of the Club, By-Laws, and meeting procedure.

By the next issue of the GEAR we hope our group is better organized and perhaps we can give a better report of our activities.

Yours in H & T

Nathan A. McDaniel,

Secretary

Then there was the case of the young army doctor in the South Pacific who had diagnosed the ailment of a sergeant, but knowing he could do little with his limited facilities wired base hospital: "Have a case of Beriberi. What shall I do?"

The message was taken by a young technician at the base who wired back: "Give it to the engineers. They'll drink anything."

The efficiency expert claimed he could identify any wood merely by its smell. Sure enough, when the lumber yard proprietor blindfolded him he just sniffed and spotted every sample—oak, pine, maple, elm.

But the office cat walked along the counter just then, and the proprietor saw a chance for a good joke. He seized Tabby and put her under the expert's nose. The expert took a big sniff and said, "Pussy willow!"

Sarge: "I suppose when you get out of the Army you'll be waiting for me to die so you can spit on my grave."

Rookie: "No, Sarge. After I shed this uniform, I never want to stand in line again."

Student: "Could you help me with this problem?"

Professor: "I could, but I don't think it would be quite right."

Student: "Well, take a shot at it anyway."

Alumni Notes

ALPHA

- Sommermeier, Irving E.*, '31, is now flight manager for United Air Lines with headquarters in Denver, Colo. Home is at 3400 East 7th Ave., Denver 6, Colo.
- Farr, Lewis Lawrence*, '45, lives at 2710 Hill

- Drive, Ogden, Utah.
- Cress, Robert H.*, '49, geological engineer, is located at Marfa, Texas.
- Wetzel, Joseph M.*, '52, has been awarded the \$750.00 Socony-Vacuum scholarship.

BETA

- Meuche, Alfred H.*, '05, is in the engineers section, Chief Counsel's Office, Bureau of Internal Revenue, Washington, D. C.
- Hopkins, H. H.*, '07, now lives at 2060 Ridge Ave., Evanston, Ill.
- Wanvig, John D.*, '08, who retired from business several years ago, gives his mailing address as Box 247, Santa Barbara, Calif.
- Wortley, Russell B.*, '13, supt. of the Hia-watha Mine at Iron River, Mich., has retired and is living on Lake Gogebic, Mich.
- Bjork, Clarence J.*, '22, is now supt. of the Montreal Mining Co., Montreal, Wisconsin, for Oglebay-Norton Co.
- Foucault, John J.*, '22, is now supt. of the Holman Iron Mine, Taconite, Minn.
- Frimodig, M. H.*, '22, for many years with the Mich. State Highway Dept. in Lansing, Mich., is now with the Michigan Surety Co. and Standard Accident Co.
- Vanderburg, William O.*, '22, is mineral attache for the Office of Economic Cooperation Administration, (OSR) 2 Rue Saint Florentin, Paris, France.
- Becker, Julius L.*, '32, is district construction engineer for the Michigan State Highway Dept. and lives at 223 Howard, Cadillac, Michigan.
- Wilson, James L.*, '35, is chief engineer with Cliffs Dow Chemical Co., Marquette, Mich.
- Bennett, William A.*, '36, is now assistant manager of the Products Pipe Line Dept. of the Standard Oil Co., of Indiana. During World War II he served in the Corps of Engineers and held the rank of Colonel when discharged in 1946.
- Reed, Ian L.*, '36, geologist for the Oliver Iron Mining Co. is at the Duluth, Minnesota, head office in the Wolvin Bldg.
- Harrington, Paul L.*, '38, is head of the Magnesium Division in the Chicago office of the Dow Chemical Co., 135 South LaSalle Street.
- Smiths, Arthur H.*, '39, is construction supt. of the Barkwell Building Co., Grand Rapids, Mich., 1575 Mackinaw, SE.
- Bowman, Richard W.*, '40, Major USA, and family are living in Orleans, France.

- Kievit, Donald J.*, '40, Lt. Col. USA, has been awarded a Certificate of Achievement for "performance of outstanding service as Chief Organization and Training Branch, Military Division, Engineer Section, Hqs. Third Army Ft. McPherson, Ga.". Don is now at the General Staff College in Leavenworth, Kansas, and the family has quarters there at 440-5 Kearney.
- Harris, Leonard J.*, '41, is now city manager of Stambaugh, Mich.
- Campbell, Earl D.*, '43, and Miss Phyllis Wendling were married in Lakewood, Ohio, on October 27, 1951.
- Keeley, John*, '43, reports the birth of a son, David, in October, 1951.
- Thomsen, Robert L.*, '43, is with Falls Paper & Power Co., Oconto Falls, Wis.
- Thomas, Wallace N.*, '47, mechanical engineer for Pickands Mather & Co. main office in Duluth, Minn., has bought a home there at 202 Osakis Street.
- Edwards III, William H.*, '48, works in the Quality Control Dept. of the Universal Wire Spring Co., Bedford, Ohio, and lives in Solon, Ohio.
- Hanson, Neil L.*, '48, is in the Purchasing Dept. of the Braun Co. in Alhambra, Calif. Home is at 512 N. Gerona, San Gabriel, California.
- Rideout, Sheldou*, '48, reports the birth of a daughter, Sharon Louise, in September, 1951.
- Foth Jr., Harry C.*, '49, is a civil engineer with Pickands, Mather & Co., Elcor, Minn.
- Tervo, Fred E.*, '49, is now with U. S. Gypsum Co., 1726 Candler Bldg., Atlanta, Georgia.
- Lundborg, Paul A.*, '50, and Miss Ardis Flickema were married in Muskegon, Mich., on September 7, 1951. Home is at 521 Leland St., South Bend, Ind.
- Shaw, Fred M.*, '50, is at present at Engineer Officer Candidate School, Fort Belvoir, Va.
- Skufka, Donald S.*, '50, is mining engineer for Jones & Laughlin Ore Co., in Ishpeming, Michigan.
- Lopez, Roger D.*, '51 (ex Theta) is employed in the Research Laboratory of the Oliver Iron Mining Co., in Duluth, Minn.

- Matheson, Kenneth H.*, '11, has returned to Honduras to head an exploration crew for New York & Honduras Rosario Mining Co. Address him c/o Agencia Rosario, Tegucigalpa, Honduras, C. A.
- McGuire, Philip J.*, '15, is manager, western division, Oliver United Filters Inc., San Francisco, Calif., and has a new home at 40 Westminister Drive, Oakland 18, Calif.
- Fiske, Harry M.*, '21, gets his mail c/o Ingersoll-Rand Co., 11 Broadway, New York 4, New York.
- Price, Bailey E.*, '23, is now Sales Manager of the National Electric Coil Co., and can be addressed at P. O. Box 388, Columbus 16, Ohio.
- Nelson, Fred M.*, '25, President of the Texas Gulf Sulphur Co., is now at the main office, 75 East 45th St., New York 17, N. Y.
- Brown, LeRoy T.*, '26, has opened offices as a consulting mine engineer at 107 East Main St., Gouverneur, New York. He is an authority on talc deposits and the mining of talc. Mail should be sent to Box 261, Gouverneur, New York.
- Bunte, Arnold S.*, '26, Exploration Manager for Vickers Petroleum Co. is now in Roswell, New Mexico, and lives there at 1302 Highland Road.
- Huntington, M. P.*, '26, lives at 2233 South Florence Place, Tulsa, Okla.
- Herdson, Robert F.*, '27, staff engineer, Toledo Div. Office, Gulf Refining Co., Nicholas Bldg., Toledo, Ohio, lives there at 3246 Algonquin Parkway.
- Tuttle, Carl W.*, '28, senior metallurgist for Carnegie Illinois Steel Corp. has a new home at 60 Markham Drive, Pittsburgh 28, Pa.
- Zwick, Ben F.*, '29, is now president of the Deepwell Oil Co., 120 Wall St., New York City. For the present he can be addressed at The Ambassador Hotel, Tulsa, Okla.
- Woodburn, James E.*, '31, who has been in geophysical work in foreign fields, is now with Petroleum Consultants Inc., 815 McBirney Bldg., Tulsa, Okla.
- Harrison, Robert W.*, '33, has consulting offices as Robert W. Harrison & Co., Consulting Petroleum Engineers & Geologists, 504 City National Bank Bldg., Houston 2, Texas. Home is 3152 Georgetown, Houston, Texas.
- Linedman Jr., Frank*, '33, is Operating Supt. in the general office of Stanolind Oil & Gas Co., in Tulsa, Oklahoma. During World War II he served with the engineers and was discharged as a Lt. Col.
- Wetzel, Nevins Frank*, '34, is a partner in Wetzel Equipment Agency, 375 SW Temple, Salt Lake City, Utah, and lives at 1955 Michigan Ave., Salt Lake City.
- Hall, LeRoy Edward*, '35, has left Ouray, Colo., and is on his ranch at Chama, N. M.
- Reed, George W.*, '35, is Vice Pres. of Exploration Consultants, McBirney Bldg., Tulsa, Oklahoma.
- Leonard, Morgan*, '36, has been appointed Operating Mining Engineer by the Orinoco Mining Co. (US Steel) at Cerro Bolivar, with mailing address Apt. 3, Ciudad Bolivar, Venezuela, S. A. Russell R. Byron Jr., Epilson '38, is also there.
- Allen, George H.*, '37, is with Worthington Machinery Co., Salt Lake City, Utah, 118 Motor Ave. Home is at 1350 Bryant Ave., Salt Lake City.
- West, Randolph Mason*, '37, is a Cotton & Grain Broker and home is at 966 I Ave., Coronado, Calif.
- Anderson, Lewis D.*, '39, is now with the Dulaney Mining Co., Box 608, Cortez, Colorado.
- Dubme, Reeve M.*, '40, Capt. USA, is now at Ft. Lewis, Wash., but mail should be sent to 146 Roslindale Ave., Roslindale 31, Mass.
- Patty, Walter L.*, '41, is Technical Representative in Portland, Ore., for E. I. DuPont de Nemours & Co., and lives there at Apt. 8, 2409 S.E. 11st St.
- Bousman, W. H.*, '42, is in Albuquerque, New Mexico, while doing work for Stearns-Roger Mfg. Co., of Denver. Home is at 1215-B South San Mateo Drive, Albuquerque.
- Kiersch, George A.*, '42, on the geology faculty at the University of Arizona, reports the birth of a son, George Keith, on July 23, 1951. The family home is at 1931 Holly Stravenue, Tucson, Ariz.
- Leonard, James R.*, '42, Right of Way Engineer for the California Division of Highways, has a new home address at 1383 Midvale Ave., Los Angeles.
- Moe, Richard F.*, '43, is now Gen'l. Supt., Tri-State Operations, St. Louis Smelting & Refining Div., National Lead Co. Home is at 305 East 11th St., Baxter Springs, Kansas.
- Hedlund, Thomas C.*, '44, mining engineer for U. S. Vanadium Corp. can now be addressed at Box 150, Ouray, Colo.
- Baker, Sidney M.*, '47, who is geophysical computer for the Phillips Petroleum Co. can now be addressed at Box 2158, Pampa, Texas.
- King, Ben H.*, '47, is now Process Engineer for the Texas Co. in Groves, Texas, and lives there at 4633 Bellaire Ave.
- Spain, William F.*, '47, is with the Black Rock Mining Corp. in Bishop, Calif.
- Aldrich, F. C.*, '48, is engineer for the Rocky

- Mountain Gas Co. and can be addressed at Box 120, Casper, Wyoming.
- DeGoes, Louis*, '48, Lt. Col. USA, is now Academic Chief, Installations Engineer School, USAF Institute of Technology, Wright-Patterson Air Force Base. Home is at 122 Holmes Drive, Fairborn, Ohio.
- Mantooth, Marion A.*, '48, petroleum engineer for The California Co. is now addressed at Box 519, Richfield, Utah.
- McNamara, William F.*, '48, general engineer with the U. S. Bureau of Reclamation, now lives at 318 South Jefferson, Caspar, Wyo.
- Wilson II, John H.*, '48, and Miss Mary Florence Ryan of Calgary, Alberta, Canada, were married there on November 28, 1951.
- Allen, Louis B.*, '49, special assistant to the General Sales Mgr. Colorado Fuel & Iron Corp. in Denver, Colo., lives there at 631 South Washington.
- Dunn III, Charles J.*, '49, can be reached c/o Cooperative Refinery Association, Central Bldg., Wichita, Kansas.
- Fitch, Charles R.*, '49, Lt. USA, gets his mail at Box 302, Route 4, Alexandria, Va.
- Pittinger, James H.*, '49, sub-surface geologist for the Shell Oil Co., in Oklahoma City, Okla., reports the birth of a daughter, Crystal Ann, on December 2, 1951. Home is at 1614 Andover Court, Oklahoma City.
- Ramsdell, Jack A.*, '49, is Seismic Computer for Continental Oil Co. and can be reached at 506 Tuscan Ave., Hattiesburg, Miss.
- Daly, Francis V.*, '50, is a junior geophysicist for Stanolind Oil & Gas Co., Lake Charles, Louisiana.
- Martin, Richard G.*, '50, is with Stanolind Oil & Gas Co., and can be addressed at Box 829, Glasgow, Montana.
- Waterman, Herbert D.*, '50, is junior geologist for Mid-Continent Petroleum Corp., 805 Towe Bldg., Midland, Texas.
- Mercier, James I.*, '51, geophysicist for Stanolind Oil & Gas Co. can be addressed at P. O. Box 306, San Augustine, Texas.

DELTA

- Friskie, Donald B.*, '11, has left the Photopress Inc. in Chicago and is now owner and operator of Orienta Ferneries, Casselberry, Fla. Home is at 814 Antonette Ave., Winter Park, Fla.
- Stein, Earl R.*, '11, Supt. of the Calcium-Magnesium section of the Dow Chemical Co., Midland, Mich., has been presented with a 40 year service pin by the company.
- Anderson, Robert J.*, '14, has left the light metals division of the N.P.A. in Washington, D. C. and is now with the S-W Research Institute, 8500 Culebra Road, San Antonio, Texas. Home is at 2357 Cincinnati Ave., San Antonio 1, Texas.
- David, Carl E.*, '17, lives at 49 Delray, Rochester, New York.
- Binder, George P.*, '20, is chief engineer in the main office of the East Ohio Gas Co.
- Helwick, Theodore W.*, '21, is plant superintendent of the Remington Corp. in Auburn, N. Y. and lives there at 6 Washington St.
- Campbell, Henry Woodrow*, '22, is chief engineer, Interlake Iron Co., Union Commerce Bldg., Cleveland, Ohio, and lives at 3558 Stoer Road, Shaker Heights, Ohio.
- Griggs, Kenneth C.*, '22, is assistant superintendent of the Western Electric Co., in Kearny, N. Y.
- Hampton, Donald V.*, '23, M.D., has been elected president of the American Osteopathic Association. Home is at 1133 Belvoir Blvd., Cleveland, Ohio.
- Kloss, John E.*, '23, is assistant to the chief mechanical engineer of the Nickel Plate Ry. and lives at 2439 White Road, University Heights, Ohio.
- Edwards, Robert J.*, '25, is a civil engineer with the National Eng. & Construction Co., West 4th St., Cleveland, Ohio, and home in on Richmond Road, Bedford, Ohio.
- Knuth, Edward C.*, '26, is now an attorney with Crudele, Speeth & Lucak, in Cleveland, Ohio. He was formerly superintendent of the casting division of the Cleveland Graphite Bronze Co.
- Meyer, Karl H.*, '26, is now manager of the Ivanhoe Div., Reliance Electric & Engineering Co., Cleveland, Ohio, and lives at 2044 Laurelhill Drive, South Euclid, Ohio.
- Doll, Denton T.*, '27, has been in bed recovering from a heart attack at his home 1466-B 45th St., Los Alamos, New Mexico.
- Fiber, Leonard C.*, '28, is now assistant sales manager of the Aluminum Co. of America in Cincinnati, Ohio.
- Rayl, Lawrence B.*, '28, is air conditioning engineer for the Southern California Gas Co. in Los Angeles, Calif., 810 South Flower Street.
- Morrill, Edward F.*, '29, is president of the Mid-Valley Pipeline Co., Longview, Texas.
- Roodman, Frank*, '31, is again with The Austin Co. in Cleveland and has been on a job in Louisville, Ky.
- Shockey, Lowell*, '32, is production development engineer for the White Sewing Machine Co., 1231 Main Ave., Cleveland, Ohio,

- and gets mail at 2996 Claremont Road, Shaker Heights, Ohio.
- McCullough, James M.*, '34, is with the Morrison Industries in Montrose-Cleveland and lives at 187 Belmar Blvd., Avon Lake, Ohio.
- Smitley, Wayne C.*, '35, is with Locke Inc. of Baltimore, Md., Chas. & Cromwell Streets, and lives at 1536 Sheffield Road.
- Horsburgh, Charles R.*, '38, announces the birth of a daughter, Martha Sennett, in May 1951. He is with Horsburgh & Scott of Cleveland, Ohio, 5114 Hamilton. Residence 3371 Chelsea Drive.
- Looney, John T.*, '38, has organized the Wadsworth Mfg. Co. in Wadsworth, Ohio.
- Nord, Eric*, '39, reports the birth of Eric Baker Nord on April 17, 1951 in Oberlin, Ohio.
- Snow, Donald*, '39, reports the birth of his first child, Deborah Ann. He is with the National Institute of Health, Bethesda, Md.
- Hodgson, Robt. Fraser*, '40, now is Vice President Hydraulic Equipment Co., 1100 E 222nd St., Cleveland, Ohio, and home is at 125 May Court, Chagrin Falls, Ohio.
- Devens, Nyal W.*, '41, Lt. Comdr. USN, is living at 7203 Belwood St., District Hts., Washington 19, D.C.
- Leachman, Robert B.*, '42, reports the birth of a son, Gregg Milton, on April 14, 1951. Bob received his Ph.D. at Iowa State College, and is now with the Los Alamos Scientific Laboratory, Los Alamos, New Mexico.
- Morgan, Orris W.*, '42, is with Worthington Pump & Machinery Corp. in Holyoke, Mass., as an assistant supervisor of engineering.
- Nusbaum, David R.*, '42, is with Canton Engineering Corp., Canton, Mass., and lives in Dedham, Mass.
- Baty, H. Bruce*, '43, is assistant manager, Construction Dept., Armco Drainage & Metal Products Inc., Middleton, Ohio.
- Higgs, William T.*, '43, and Miss Betty Pribble of Shaker Heights, Ohio, were married in July, 1951. He is with Ford Motor Co. in Kansas City, Mo.
- Werkman, Stephen S.*, '43, has a new address at 2701-104th St., Toledo, Ohio.
- Gurnick, Raymond S.*, '44, is a research engineer at Thompson Products, Euclid, Ohio, and lives at 21467 Seabury Ave., Fairview Park, Ohio.
- Parsons Jr., H. Scott*, '44, reports the birth of a daughter, Sherry, in March, 1951. He is sales engineer with the Comstock Steel & Supply Co., and lives at 4008 N. 33rd Place, Phoenix, Arizona.
- Shelley Jr., Howard A.*, '45, is back in the Navy and assigned to U.S.S. Saipan.
- Small, Charles B.*, '45 (formerly Schmalz) is now a Lt. USN. He was with American Monorail Co., in Cleveland, Ohio.
- Acheson, Louis*, '46, has a Ph.D. from M.I.T. and is in the Research Laboratory of Hughes Aircraft Co., Los Angeles, Calif.
- Conant, James*, '46, and family are living in Bauxite, Ark., where he is engineer for Vogt & Conant Co. building a reduction plant for Aluminum Ore Co.
- Bagemihl, Dave*, '46, is with Pittsburgh Plate Glass Co. in Milwaukee, Wis.
- Kleist, Robert E.*, '46, is supervisor of track for the Penn Ry. Co. and lives at 1145 S. Liberty St., Alliance, Ohio.
- Leete, Eugene*, '46, lives at 506 Hill St., Pullman, Wash. He reports the birth of a son, Mark Edward, on Sept. 30, 1951.
- Rubin, Melvin S.*, '47, of the R & M Heating & Aid Conditioning Co. has a new home at 2333 Greenvale Road, Cleveland, Ohio.
- Kominick, Henry V.*, '47, is now with Barber & Magee in Cleveland, Ohio.
- Salzer, John M.*, '47, received his Ph.D. at M.I.T. and is now in the Research Laboratory, Hughes Aircraft Co., Los Angeles, California.
- Offord, Audun*, '48, received his M.S. at M.I.T. in June, 1951 and hopes to get his Dr. of Science there in 1952. The family home is at 67 Francis Ave., Cambridge, Mass.
- Butler, Donald R.*, '49, R.D. #2 Burton, Ohio, reports the birth of a son, Robert Ray, in June, 1951.
- English, Wallace*, '49, is in the development department of the Cooper Alloy Foundry Co., Hillside, N. J. and lives at 164 Church St., Nutley, New Jersey.
- Maxwell, Jack E.*, '49, and Miss Mignonne M. Addis, were married in September in Wooster, Ohio.
- Neubecker, Thomas*, '49, is working for Grant Electric Co. in Cleveland, Ohio, 2733 Prospect St.
- Bedford, Charles M.*, '51, is now with Westinghouse Electric Corp. in Cleveland, Ohio, and lives at 10315 Lamontier Ave.
- Buell Jr., Edward J.*, '50, Lt. USA, and Miss Helen Miller were married in July in Louisville, Ky. He is stationed at Ft. Knox and is the son of Edward J. Buell Sr., Delta '17, president of the Niagara Wire Weaving Co., Niagara Falls, Ont., Canada.
- Donnelly, Daniel J.*, '50, is a sales engineer in the Philadelphia, Pa. office of the Reliance Electric & Engineering Co.
- Rayber, Walter E.*, '50, is with the F. J. Stokes Machine Co. in Philadelphia, Pa. Home is at 401 Woodside Ave., Narberth, Pennsylvania.

Roberts, Thomas, '50, reports the birth of a daughter, Judith, in April. He is taking graduate work at the University of North Carolina.

Scott, Robert, '50, and Miss Gloria Gordon were married on July 21, 1951. He is with the Cleveland Pneumatic Tool Co., and they are living in Maple Heights, Ohio.

Stanley, Andrew, '50, Ensign USN, is an electronics officer and assigned to the USS Yosemite.

Webb, John W., '50, and Miss Thelma Bates were married in Fremont, Ohio, on August 11, 1951. He is a research engineer at NACA in Cleveland and they now live at 2218 N St., James Parkway, Cleveland Heights, Ohio.

Jensen, Levar C., '51, and Miss Elsa Funkhauser were married Sept. 1, 1951, in Durham, N. H.

Maag, Edward, '51, is now on active duty in the Navy and his address is U.S.S.-PCE 880, c/o Naval Armory, Michigan City, Ind.

EPSILON

Tickell, Frederick G., '12, has retired as head of the Technical Division, School of Mineral Science, Stanford University. Home is at 652 Forest Ave., Palo Alto, Calif.

Perry, Donald G., '24, is the owner of the Sunnyside Nursery, 130 Sir Francis Drake, San Anselmo, Calif., and lives on Baywood Ave., Ross, Calif.

Kott, Edward H., '25, sent the Grand S. a new address as follows—Edif. Monserrat, Apt. 63, Ave. Avila Esq., Plaza Obelisco, Ahamira, Caracas, Venezuela.

Taber, Lawrence L., '25, is geologist for Richmond Petroleum Co., 225 Bush St., San Francisco, Calif., and lives at 465 Glen Manor Drive, Reno, Nevada.

Stephens Jr., E. C., '28, has been reelected President of the Northwest Mining Association for the second term. He is geologist for Anaconda Copper Mining Co. with offices in the Peyton Bldg., Spokane, Wash.

Koch, Donald E., '29, petroleum engineer for the Superior Oil Co., 930 Edison Bldg., Los Angeles 13, Calif., has a new home at 2770 Lombardy Road, San Marino 9, Calif.

Snedden, T. A., '33, is now manager of the

Asarco open pit mine at Silver Bell, via Tucson, Arizona.

Bryan Jr., Russell R., '38, has been appointed Mine Supervisor of Cerro Bolivar (U.S. Steel Co.) by Orinonoc Mining Co., Apt. 3, Ciudad Bolivar, Venezuela, S. A. He is the son of Russell R. Bryan Sr., charter member of Gamma chapter.

Huston Jr., James D., '39, is again on active duty as a Major and is an instructor in the Army's infantry school at Ft. Benning, Georgia. He has been farming in Imperial Valley. Married Louise Parker, UCLA '41, and has two small daughters.

Thomas, Blakemore E., '40, geologist for W. R. Cabeen & Assoc., North Hollywood, California, has a new home at 736 Amherst Drive, Burbank, Calif. He reports the birth of twins, Blake II and Kathryn.

Landreth, Thomas Chart, '47, has left Venezuela and is now petroleum engineer for the Albercan Petroleum Co. in Calgary, Alberta, Canada, and the family home is at 530 Crescent Road, Calgary. Bud reports the birth of a daughter, Christina, on June 7, 1951, in Caracas, Venezuela.

ZETA

Parker, Ross I., '12, can be reached at Lock Box 1970A, G. E. Co., Chicago 80, Ill.

Staley, Henry H., '14, is a civilian civil engineer at Ellendorf Air Field, Anchorage, Alaska. Mailing address is c/o District Engineer, APO 924, c/o Postmaster, Seattle, Washington.

Burton, Willard A., '16, is construction engineer with the main office of Black & Veatch in Kansas City. His present mailing address is 519 Washburn, Topeka, Kansas.

Holt, Hobart C., '18, is assistant to the Vice President and Comptroller of the Frisco Railway Co. His home address is 515 No. North and South Rd., University 5, Mo.

Kindsvater, Emil F., '23, is living at the Alban

Towers, 3700 Massachusetts Ave., Washington, D. C.

Luff, Elvin K., '23, is Vice President Independence Mo. Stove & Furnace and lives at 1502 West Short St., Independence, Mo.

Hilkey, Harold R., '27, is with G. E. City Sales Section and lives at 316 Washington Blvd., Oak Park, Ill.

Perkins, Eugene, '27, is the new city manager of Columbia, Mo. He was city manager of Winston-Salem in N. C. for three years, before that with TWA and during the war with General Patton's 3rd army. For ten years he managed the water company in Bartlesville, Okla.

Snell, Harry Louis, '30, is personnel relations

- supervisor for Bell Telephone Co. for Kansas, and the family home is at 907 Hedgewood, Topeka, Kan.
- Banks, Arthur G.*, '33, is now working for J. F. Pritchard & Co. Address is 8515 West 55th Terrace, Merriam, Kansas.
- Manning, Gene*, '33, is still with General Motors. His address is R.F.D. #3, Cortland, Ohio.
- Borel, Paul A.*, '34, received his bachelor of law degree from Geo. Washington University in June, 1951. Lives at 10 Holms Run Road, Falls Church, Va.
- Pratt, Dana*, '34, works for the RCA Victor Division and can be found at 110 Edison Ave., Erlton, New Jersey.
- Benz, Lewis W.*, '37, is the Assistant District Superintendent for Phillips Petroleum Co. Address is P. O. Box 271, Shidler, Oklahoma.
- Gamber, Jesse*, '39, completed work for his master's degree at K. U. and is now at the University of Illinois living at 1001 W. Springfield, Urbana, Ill.
- Thomen, Martin K.*, '39, reports the birth of a second son, Martin K III on November 3, 1951.
- Rethman, Vincent C.*, '40, Lt. Col. USA is now on duty in the Pentagon Research & Development Board. Formerly he was stationed on Guam.
- Cadden, John Robert*, '41, is engineer for R.C.A. in Indianapolis, Ind., 501 N. LaSalle, and home is at 2340 Durham Drive, Indianapolis.
- Hammond, Clarence Thomas*, '41, is with the Smith-Hammond Piping Inc., Battle Creek, Mich., and lives at 38 N. 30th St. He reports the birth of a second daughter, Jeanne Helen, on June 13, 1951.
- Paulette, Robert G.*, '41, is still working as field engineer for Infilco, Inc. His address is 454 Marlin Drive, Mt. Lebanon, Pittsburgh 28, Pennsylvania.
- Rosebush, Kenneth E.*, '41, Lt. Col. USAF, is now stationed at Pinecastle Air Base, Orlando, Fla., and the family home is there at 612 Mariposa.
- Domingo, Frank J.*, '42, Capt. USA, is now with the 924th Engr. Avn. Group, Wolters AFB, Texas.
- Munsinger, Dorus M.*, '42, can now be found at 1306 Rupe, Enid, Okla.
- Pitts, Everett H.*, '42, now works for the Great Lakes Pipe Line Co. Address is 2847 N. 75th Terrace, Bethel, Kansas.
- Dean, Gernard D.*, '43, now is Capt. Dean. His address is E & T Division, Office Chief Engineer, Pentagon, Washington, D. C.
- Lichty, Franklin*, '43, reports the birth of a son, Daniel Noble, on December 27, 1950. Frank is now with Cesna Aircraft Co. in Wichita, Kan., and mail should be sent to 3631 Mt. Vernon Road, Wichita.
- May, Ralph*, '44, has a new home on R.R. #2, Fairfax, Va.
- Cousins, Donald*, '45, and Miss Norma Louise Jones were married in Manhattan, Kan., on May 5, 1951, and are living at 510 East 77th St., Kansas City, Mo.
- Pfountz, John O.*, '45, is a research engineer with North American Aviation Co. in Long Beach, Calif., and lives there at 4508 Faculty Ave.
- Sims, Frank E.*, '45, is doing production engineering for the Deep Rock Oil Co. Address is 145 West 5th St., Garnett, Kansas.
- Smith, Lawrence R.*, '45, has a new address at 5130 West 72nd Terrace, Prairie Village, Mission, Kansas.
- Zarker, Keith E.*, '45, lives at 533 Ludlow Ave., Cincinnati, Ohio.
- Shrake, Charles D.*, '47, Lt. (jg) USN, is with the Navy off the coast of Korea. Mail will reach him c/o Staff Command, Seventh Fleet, FPO, San Francisco, Calif.
- Beery Jr., Gene W.*, '49, can be addressed at Box 11, Carmi, Illinois.
- Ottinger, Curtis E.*, '49, is now with the Butler Mfg. Co. and is living at 7400 E 13th, Kansas City, Mo.
- Brunne, Thomas E.*, '50, reports the birth of a daughter Donna Lee, on Nov. 7, 1951. Tom is in the army and mail should be sent to his home at 3015 E. 6th, Kansas City, Mo.
- Darigo, Julius*, '51, equipment engineer in Independence, Mo. lives at 11000 1/2 Winner Road, Independence.
- McNeish, George R.*, '51, is now in Korea. His address is Pvt. George R. McNeish, US 55150238, Q. M. Section; Hq. EUSAK A.P.O. 301, c/o P.M., San Francisco, Calif.
- Reid, Francis J.*, '51, is a civil engineer with the Kansas State Highway Commission, and lives at 509 Delaware, Hiawatha, Kansas.
- Gartung, Bill*, '52, is working for Panhandle Eastern Pipeline Co. at Liberal, Kansas.
- Smith, Keith C.*, '52, recently started working for Westinghouse. His address is Westinghouse Educational Center, Ardmore Blvd. at Brinton Rd., Wilkinsburg, Pa.

ETA

Reber, James, '14, Vice President of the Columbian Rope Co. in Auburn, N. Y. will

be in New Orleans until 1953 where a new plant is being built for the Edwin H.

- Fitler Co. wholly-owned subsidiary of Columbian Rope.
- Ryer, Edwin D., '20, vice president and director of the Barbour-Stockwell Co., manufacturers of machinery, in Cambridge, Mass., has been elected president of the General Alumni Association of the Mass. Institute of Technology.
- Brokaw, Charles E., '22, is Regional Director, National Production Authority, New Custom House, Denver, Colo., and lives at 128 S. Ogden, Denver.
- McCreery, Donald H., '22, is director of engineering for the firm Holmes & Narver, Inc., consulting engineers, 824 South Figueroa, Los Angeles, Calif. Home is at 1280 Afton, Pasadena, Calif.
- Enger, Amund, '27, is manager of the L. A. Enger & Co., Radhurst 5b, Oslo, Norway.
- Harris, Joseph S., '27, manager of the Aviation Dept. of Shell Oil Co. in New York City, has been made chairman of the Aviation Advisory Committee of the American Petroleum Institute.
- Westerhoff, Russell Post, '27, is now Vice Pres. in charge of Ford, Bacon & Davis Construction Co., 39 Broadway, New York City, and lives at 825 East 23rd St., Patterson, New Jersey.
- Chatfield, George R., '28, is now vice president of the Compton Advertising Agency in New York City.

THETA

- Steffens, Charles D., '24, has a new address c/o Grisco-Russell Co., Massillon, Ohio.
- Knapp, R. Herbert, '30, has a new address at 132 Jefferson Drive, Pittsburgh 28, Pa.
- Shanghnessy Jr., William Francis, '36, can be addressed at 82 Beacon Hill Road, Ardsley, New York. He is with N. Y. Telephone Co. in New York.
- Ross, Francis J., '40, has a new address at 141-60th St., Niagara Falls, N. Y.
- Stirratt, J. Rac, '42, has been appointed manager of product line planning for the marketing department of the General Electric Chemical Division, 1 Plastics Ave., Pittsfield, Mass.
- Maber, Thomas F., '43, lives at 6 Edwards St., Roslyn Heights, L. I., N. Y.
- Mladinov, John K., '43, is associate planning engineer with the Department of Highways in Olympia, Wash. Last year he completed a course in traffic engineering at the Yale Bureau of Highway Traffic.
- Sternberg, Ralph R., '43, has moved to 71-A Rye Colony Apts., Rye, N. Y.
- MacMichael, William L., '44, now lives on Flower Hill, Poughkeepsie, N. Y.
- Harris, Jerome Robert, '45, lives at 425 East 86th St., New York City. He is with Warner Electric Brake & Clutch Co., 1775 Broadway, New York City.
- MacLaren, Donald, '48, reports the birth of a daughter, Aileen, on October 24, 1951.
- Scierra, Albert F., '48, gives his address as 245
- Bennett Ave., New York 33, N. Y.
- Glover, Norman J., '50, is working as a civilian engineer with the U. S. Coast Guard on military construction projects in the North Pacific Area.
- Merckel, Fred G., '50, Lt. USA, gives his address as Air Surgeons Office, Headquarters 8th A.F., Carswell A.F.B., Ft. Worth, Texas.
- Read, George A., '50, was recently married to Marsha Adams. He is an engineer in the technical section, Seaford Nylon Plant of the E. I. du Pont Co., and home is at 8 Poplar St., Seaford, Del.
- Fisher, Joseph, '51, is a junior engineer with the M. W. Kellogg Co., but mail should be sent to 226-11 139th Ave., New York City.
- Gadarian, Gerard, '51, is employed in the New Departure Div. of General Motors but mail should be sent to 1635 St. Nicholas Ave., New York, N. Y.
- McCormick, Joseph R., '51, is in the executive training department of Westinghouse Electric Corp. and can be addressed c/o Westinghouse Graduate Center, Ardmore Blvd. & Brinton Road, Wilkesburg, Pittsburgh 21, Pennsylvania.
- Phillips Jr., Lawrence E., '51, is taking the graduate training course with Westinghouse Electric Corp. but mail should be sent to his home at 676 Riverside Drive, New York 31, New York.

IOTA

- Head, James L., '16, lives at 250 Arleigh Road, Douglas Manor, Long Island, New York.
- Weiser, Hanley, '20, has been with the Nassau Smelting & Refinery Co. for many years and lives at 5769 Amboy Road, Price Bay, Staten Island, N. Y.
- Williams, Anvil, '21, is now living at 1326 Grove St., Vicksburg, Miss.
- Barnwell, George Francis, '22, is geologist with the Standard Vacuum Oil Co., 26 Broadway, New York 4, N. Y., and lives at Apt. 20, One-Fifth Ave., New York 3, N. Y.

- Baker, Donald R.*, '23, is with the Mackley Co., 222 West Gregory, Kansas City, Mo.
- Warley, Joseph*, '23, wishes to be addressed at Eureka, Mo.
- Burnet, Leo L.*, '25, is Chief of Engineering Division, Corps of Engineers, U.S. Army, Box 4970, Jacksonville, Fla., and gets mail at Rt. 8, Box 335-L, Jacksonville 7, Fla.
- Gammeter, Erwin*, '26, lives at 600 N. Lombard, Oak Park, Ill.
- Schooler, D. R.*, '26, lives at 605 West 14th St., Rolla, Mo.
- Kilpatrick, Harold Robert*, '28, Lt. Col. USA, can be addressed at Trust APO 209, c/o Postmaster, New York City.
- Richardson, James K.*, '30, has been advanced to the position of assistant to the general manager in charge of public, industrial and labor relations, for Utah Copper Div., Kennecott Copper Corp., Salt Lake City, Utah.
- Ware, Walter J.*, '31, lives at 3707 Virginia, Tulsa, Okla.
- Brewer, Will*, '32, lives at 2429 South Sandusky Ave., Tulsa, Okla.
- Leiber, George L.*, '32, is with S.W. Bell Telephone Co. and lives at 4991a Tholozan Ave., St. Louis, Mo.
- Monroe, Rex*, '32, lives at 2020 Orange Drive, Whittier, Calif. He is with the Sivyer Steel Casting Co. Refinery Div., 5905 Pacific Blvd., Huntington Park, Calif.
- Parker, R. A.*, '33, is supt. for General Chemical Co. at Owensville, Mo., and lives there at 401 East Washington.
- Graff, William George*, '35, is with Sterling Aluminum Products Co., Inc., 2925 N. Market, St. Louis, Mo., and lives at 2830 Woodview Court, St. Louis, Mo.
- Lanier, Eugene B.*, '38, lives at 1410 Isted Road, Glen Burnie, Md.
- Murphy, James J.*, '35, gets mail at 7 Chipper Rd., Frontenac, Mo.
- Mueller, Fred M.*, '38, can be addressed c/o the Kuljian Corp., P.O. D. V. Gobindpur, Hazaribagh, Dist. Bihar, India.
- Machens, George E.*, '39, asks that his mail be sent to 801 South 18th St., Mount Vernon, Illinois.
- Rhodes, Almon E.*, '39, is with the Office of Engineering & Construction, Atomic Energy Commission, Los Alamos, New Mexico.
- Tucker, A. J.*, '40, Major USAF, can be addressed at Air Force ROTC, Rutgers University, New Brunswick, N. J.
- James, Henry T.*, '41, is with the Ralston-Purina Co. at 835 S. 8th St., St. Louis, Mo. Home is at 867 Wood St., Kirkwood 22, Missouri.
- Pingel, Marvin E.*, '41, with Westinghouse Electric Corp., lives at 465 Cook Road, Mansfield, Ohio.
- Humphrey, John R.*, '42, now gets his mail at P. O. Box 358, Ishpeming, Mich.
- Wilson, Arthur W.*, '42, is with General Electric Co. Fractional H. P. Motor Engr. Div. Aircraft Motor Design Section, Ft. Wayne, Ind. and home is at 122 South 6th St., Decatur, Ind.
- Busch, William D.*, '42, is with Allis-Chalmers Mfg. Co., 543 Ohio Edison Bldg., Youngstown, Ohio, and lives at 5715 Southern Blvd., Youngstown 12.
- Loesing, Vernon T.*, '42, Major USA, wants mail sent to 1129 Elm St., Lawton, Okla.
- Wolff, Leonard C.*, '42, Lt. Comdr. USN, has been assigned to Rensselaer Polytech Institute in Troy, New York, for some graduate work and will be there for the next academic year.
- Hory, John C.*, '43, is with General Electric Co., 212 N. Vignes St., Los Angeles, Calif., and lives there at 450 N. Sycamore.
- McMath, Robert P.*, '43, Capt. USA, gets mail at Hq. 802 EAB, APO 970, San Francisco, Calif.
- Hicks, William Douglas*, '44, is working for Westinghouse Electric Corp., 411 N. 7th St., St. Louis 1, Mo., and lives at 1428 Bluebird Terrace, Brentwood 17, Mo.
- Ploesser, Alan P.*, '44, is with U. S. Gypsum Co. in Chicago and lives at 902 Reba Place, Evanston, Ill.
- Summers, Robert F.*, '44, who is employed by the Chrysler Corp., lives at 34 California, Highland Park 3, Mich.
- Lindberg, Allan W.*, '45, with White-Rodgers Electric Co. lives at 106 Plant Ave., Webster Groves, Mo.
- Bennett Jr., Paul M.*, '47, is with the Atlantic Refining Co., 830 Kennedy Bldg., Tulsa, Okla., and lives there at 6335 E. 4th Terrace.
- Carlton, Paul E.*, '47, is now with the Civil Aeronautics Authority in Indianapolis, Ind. and lives at 700 Harlan St., Plainfield, Ind.
- Kallmeyer, Melvin F.*, '47, wants mail sent to him at 6640 Lindenwood Place, St. Louis 9, Missouri.
- McClinton, Jose G.*, '47, engineer for the Wagner Electric Co., gives his mailing address as 1043 Hastie Road, Box 10404, Pittsburgh 34, Pennsylvania.
- Wilson, Jesse W.*, '47, is with the York Corp., 107 W. Linwood Blvd., Kansas City, Mo., and lives at 8005 Penn. Kansas City.
- Collar, Donald H.*, '48, gets mail at Box 65, Wellton, Arizona.
- McGovern, James J.*, '48, now lives at 209 Estridge Road, St. Louis 15, Mo.
- Rock, Robert M.*, '48, lives at 1757 University

- Ave., Chicago, Ill.
- Schmidt, Donald G.*, '48, has a new address at 516 S. Park Ave., Hinsdale, Ill.
- Criter, Joseph D.*, '49, has a new address at Proyecto Romeral, Casilla 263, La Serena, Chile. He is with Bethlehem Chile Iron Mines Co.
- Poppitz, Reinhold A.*, '49, and Miss Charlotte Tanner were married in New York City. He is now with the U.S. Signal Corps, 9489 TSU, Ft. Monmouth, N. J.
- Bounds, Ivan Lawrence*, '50, H.M. 3, 631-35-51, USNR, Assault Platoon, 3rd Bn., F.M.F. 1st Marine Division, Fleet P. O., San Francisco, Calif., was seriously wounded in action and is now in a U.S. Hospital. Mail should be sent to his home, Rt. 1, Box 35D, Natchez, Miss.
- Duerr, Sidney E.*, '50, and Miss Joan Wambacher were married in June, 1951. He is petroleum engineer for the Stanolind Oil & Gas Co., and home is at 301 East Hayes Beeville, Texas.
- Hudson, Albrose J.*, '50, with the Titanium Alloy Mfg. Div. of the National Lead Co., P. O. Box 90, Ellwood City, Pa. gives his mailing address as 1826 Ontario Ave., Niagara Falls, N. Y.
- Jadwick, John E.*, '50, asks that mail be sent to 2020 Huntington Ave., Dallas, Texas.
- Neidel, Roger A.*, '50, is in training with Westinghouse Electric Corp., but mail should be sent to his home at 7750 Fleta, Afton, Mo.
- Neustadter, Robert H.*, '50, is with the Schlumberger Oil Well Surveying Co., and home is at 701 Lucy Drive, Magnolia, Ark.
- Schmidt, Robt. N.*, '50, lives at 1930 E. Bennett, Springfield, Mo.
- Fairchild, William F.*, '51, Lt. USA, is at 21st Engr. Base, Photo Mapping Co., Ft. Winfield Scott, Calif.
- Gould, David*, '51, is with Laclede Steel Co. and lives at 1627 Rock Springs Drive, Alton, Illinois.
- Mallon, Richard G.*, '51, is at the Oak Ridge National Laboratory and gets mail at 109 Canton Hall, Oak Ridge, Tenn.
- Morris, Robt. J.*, '51, is working for the Allison Div. General Motors Corp., and lives at 652 E. 42nd St., Indianapolis, Ind.
- Pearson, Walter O.*, '51, is in the army and his address is U.S. 55202599, Co. A., 112nd Armd. Ord Maint. Bn. Div. T.N.S., 3rd Armored Div., Ft. Knox, Ky. Send mail to 2566 State St., Granite City, Ill.
- Schuchardt, Robert E.*, '51, is with American Steel Foundries. Mail should be sent to Rt. 6, Box 708-10, Sappington, Mo.
- Theerman, W. K.*, '51, works for J. F. Pritchard Co. contractors of Kansas City, Mo., and gets his mail at 210 West 1st St., Freeport, Texas.
- Winters, John*, '51, works for St. Joe Lead Co. and lives at the St. Joe Clubhouse, Monaca, Pa.

KAPPA

- Busb, Kenneth B.*, '16, Major Gen'l. USA, was awarded the Distinguished Service Medal before leaving Japan, and is now attached to the Adjutant General's Office of the War Dept. in Washington, D. C. Home is at 5832 Conway Road, Bethesda, Md.
- Hayne, Walter E.*, '18, is sales manager of the American Tag Co., Belleville, N.J., and the family home is in Verona, N. J., 20 Wayland Drive. He has two sons.
- Bowen, Abner H.*, '22, is managing a 4500 acre farm near Delphi, Indiana. He is also a consultant for the Dept. of State, Point 4 Program.
- Russell, William B.*, '22, is president of the Kewanee Boiler Corp., Franklin St., Kewanee, Illinois.
- Cannon, Robert Simpson*, '26, who is engineer for the Plantation Pipe Line Co., 161 Spring NW, Atlanta, Ga., lives at 3577 Central Road, Atlanta.
- DeBerard, Emmous W.*, '31, whose home address is Wilmette, Illinois, has been recalled to active duty in the Navy and is now public works officer at the Naval Hospital in Bainbridge, Md. Mrs. DeBerard will continue their printing business, the Cherokee Copy Co. of Wilmette, and take care of their twin sons and a daughter.
- Pasbby, Robert Welch*, '32, is now assistant to the Vice President, Micro Switch Div., Minneapolis-Honeywell Co., Freeport, Illinois, but mail should be sent to R.R. #3, Freeport, Ill.

LAMBDA

- Pett, L. F.*, '22, has been promoted to the position of general superintendent of operations, Utah Copper Div., Kennecott Copper Corp., Salt Lake City, Utah.
- Bradford, Robert D.*, '24, who has been manager of the western division of the American Smelting & Refining Co. in Salt Lake City, has been sent to the New York office

at 120 Broadway, New York 5, N. Y.

Blake, R. H., '50, Ensign USN, is on the carrier USS Philippine Sea (CV-47) c/o FPO, San Francisco, Calif.

Mays Jr., C. W., '51, Lt. USA-064890, Battery A-30th AAA-Bn., Ft. Lewis, Wash., sent the above news and address in a letter to the Grand S. in the winter holiday season.

MU

Campbell, Norman J., '35, spent 10 years in the army. Since 1946 he has been working for the Burlington Mills Corp., and at present is assistant to the Plant Manager, of the Harriman Hosiery Plant, Harriman, Tennessee.

MacKay, Jack W., '35, bought a new home at 337 Lucerne Blvd. Homewood, Birmingham, Ala.

McKinnon, Julian T., is production supt. Proctor & Gamble Co., Ivorydale, Ohio. Home is at 1405 Springfield Pike, Wyoming, Ohio.

Sute, William T., '40, design engineer for the Chicago Bridge & Iron Co. in Birmingham, Ala., lives at 124 Red Oak Road, Birmingham 6, Ala.

Pickens, Cecil R., '42, with the U.S. Rubber Co., lives at 2621 Commonwealth Ave., Charlotte, N. C.

Hegenwald Jr., James F., '43, lives at 3289 Sawtelle Blvd., Los Angeles 34, Calif. He reports the birth of a daughter, Elizabeth Rebecca, born December 12, 1951.

Slossar, John M., '43, is an engineer with the Cleveland Pneumatic Tool Co. Home and mailing address is 7135 Broadway, Cleveland 5, Ohio.

Comisarow, Paul, '44, has a new address at 1120 Peyton Randolph Drive, Falls Church, Virginia.

Nelson, Harold C., '44, is design engineer for the Douglas Aircraft Co. Inc., and lives at

841 Junipero Ave., Long Beach 4, Calif.

Standley Sr., B. Hal, '45, is plant engineer for U. S. Gypsum Co. in Mobile, Ala., and lives at 10 Oriole Drive, Spring Hill, Ala.

Hovater, Louis R., '48, has his home at 3207 West 2nd St., Los Angeles, Calif.

McKenzie, J. Thomas, '48, is with Alabama Power Co. in Mobile, Ala., and lives at 201-D-East Portier Court, Mobile 17, Ala.

Logan, Hilton D., '49, is in the Air Force but no further information is available at this time.

Moxley Jr., Steven D., '49, is with the Reliance Electric & Engineering Co., in Cleveland, Ohio. He gets mail at 15720 Euclid Ave., Cleveland 12, Ohio.

Bryan, William T., '51, is taking graduate work at Harvard but mail should be sent to his home at 544 Fulton Ave., Birmingham, Ala.

Carter, William H., '51, 2nd Lt. USA, is now stationed in Columbus, Ga., but mail should be sent to his home in Letohatchee, Ala.

Gunter, Joseph L., '51, is with the Chicago Bridge & Iron Co. in Birmingham, Ala., but home is in Fayette, Ala.

Mason, Howard Spinks, '50, Lt. USA, is now stationed in Germany. His address is Co. D, 12th Inf. Regt., 4th Div., APO 39, c/o Postmaster, New York.

Schroeder, Edward P., '51, is with Westinghouse Electric Corp. in Pittsburgh, Pa. Home is in Wetumpka, Ala.

NU

Hunter, Thomas W., '32, is assistant general supt. of the Irvin Works, U.S. Steel Co., Dravosburg, Pa., and lives at 651 Arden Road, Pittsburgh 16, Pa.

Wege, J. Milton, '32, is a petroleum engineer with Ralph E. Davis, Commerce Bldg., Houston, Texas.

Ramsey, Paul W., '40, metallurgist for the A. O. Smith Corp., 3333 N. 27th, Milwaukee, Wis., lives at 3256 Lovers Lane, Milwaukee. He reports the birth of a son, Roger, on May 1, 1951.

Heilman, W. W., '41, is now superintendent-special alloys, for the Electro-Metallurgical Co. at Alloy, West Virginia. He had the Sloan Fellowship at M.I.T. and received his M.S. there in 1951.

Ferrell Jr., Frank M., '44, gets his mail at

R.F.D. Java Star Route, Chatham, Va.

Neas, Robert E., '44, is design engr. for the McDonnell Aircraft Co., St. Louis, Mo., and lives at 925 St. Jean St., Florissant, Mo.

Reed II, George N., '46, is back in the army but we have no further information about it.

Gillespie, Phillip R., '48, is with the Electric Controller & Mfg. Co., 2700 East 79th St., Cleveland, Ohio.

Straka Jr., Robert C., '47, lives at 125 S. Harrison St., East Orange, N. J.

Weil, Rolf, '47, received his Ph. D. from Penn State in June, 1951, and is now metallurgist at the Argonne National Laboratory. Von Halle, Edward, '47, received an M.S. from Bucknell University in June, 1951.

O'Brien, Dennis J., '48, is foreman in the

pipe mills of the National Tube Co., in Lorain, Ohio.
Mintz, David L., '49, is with Radio Station WKBW Inc., Buffalo, N. Y., and lives at 219 Princeton Ave., Amherst, New York.
Peck, Gerald E., '50, is doing structural design

work for Peter Loftus Co., First National Bldg., and lives at 5525 Margaretta St., Pittsburgh 6, Pa.

Ryan, Ralph R., '50, is with the Babcock & Wilson Tube Co., 105 South La Salle St., Chicago, Ill.

OMICRON

Cirks, Ervin, '51, can be addressed at his home in Palmer, Iowa.
Compton, Earl, '51, is with the Dow Chemical Co., Freeport, Texas, and lives at 1749 West 5th St., Freeport.
Delubery, William, '51, is with Caterpillar Tractor Co. and lives at 11 North University, Peoria, Ill.
Flanders, Bernard L., '51, is working for the Muscatine Processing Corp. and lives at 105 Foster St., Muscatine, Iowa.
Griesbach, Henry, '51, is working for Pan

American Oil Co., Texas City, Texas.

Olson, William H., '51, 2nd Lt. USA, is in Korea, and mail should be sent to him as follows, Lt. Wm. H. Olson Jr., 0-2209109, Hdqts. 2nd Engr. Const. Group, APO 301, c/o PM San Francisco, Calif.

Paramore, Richard, '51, is with Beloit Iron Works, and lives at 1221 White Ave., Beloit, Wis.

Springer, Francis, '51, is with Dow Chemical Co. at Freeport, Texas, and lives at 1705 West 5th St., Freeport.

PI

Scott, Peter M., '48, reports the birth of a second son on Nov. 27, 1951 in Charlottesville.
Cofer, John I., '49, has a daughter, Martha MacLaurin, born November 18, 1951.
Temple, A. R., '49, sends word of the birth of a son, Arthur Ralph Jr., on November 27, 1951.
Phillips, James, '50, is the father of a daughter, born October 31, 1951. The family home is at 1311 N Ode St., Arlington, Va.
Underwood, I. Wilson, '50, is with General Electric and can be addressed at 1305 Union St., Schenectady, New York.
Underwood, Richard W., '50, is electronics engineer with Melpar Inc., and lives at 202

W. Walnut St., Alexandria, Va.

Hudak, Thomas James, '51, and Miss Doris Frances Pacuillo were married in Bayonne, New Jersey, on June 23, 1951.

Kelley Jr., William E., '51, Lt. USNR, and Miss Mary Elizabeth Day were married in June. He is now stationed with the Naval aviation force in Iceland.

Scott, Frank G., '51, and Miss Evelyn Williams Hills were married on November 16, 1951. Home is in Orange, N. J.

Faulkner II, Fielden Edward, '53, left Virginia at the end of the first semester and is believed to be attending some other college. Home address is 336 Dasha Road, Lexington, Kentucky.

RHO

Mann, Warren S., '21, is sales manager for the Armco Drainage & Metal Products Inc., in Atlanta, Ga.
Mountcastle, Earle L., '26, is now district manager for the Elliott Co., in Charlotte, North Carolina.
Stuart, Locke M., '27, is general manager for the East Texas Creamery, Marshall, Texas.
Stuart, Paul L., '27, is now assistant to the General Foreman of the plant of Aluminum Co. of America in Badin, N. C.
Cooper Jr., Edward Monroe, '30, is manufacturing supt. of the Old Hickory Rayon Plant for E. I. du Pont de Nemours Co. in Old Hickory, Tenn.
Cowhig, Paul Kingston, '31, is general agent for the Railway Express Agency in Cincinnati, Ohio, and lives in Ft. Thomas, Ky.
Whitaker, William J., '31, is project engineer

for the U. S. Industrial Chemical Co., Curtis Bay Plant, Baltimore, Md., but mail should be sent to 2900 Oakcrest Ave., Boulevard, Maryland.

Gorham, Frank W., '32, Lt. Col. USA, has returned from his four year term in Europe and is now at Camp Gordon, Ga.

Boyd, William, '34, is now staff electrical engineer in the main office of the Aluminum Co. of America in Pittsburgh, Pa.

Lange, Carl Frederick, '37, is process engineer in the Design Div. E. I. du Pont de Nemours Co., in Wilmington, Del., and lives in Claymont, Del.

Morgan Jr., Hubert Lee, '38, who is an instructor at San Jose State College, San Jose, Calif., gets mail at 2228 Tulip Road, San Jose.

Whitley, Herbert S., '39, Major USA, is assist-

ant post engineer at Ft. Jackson, N. C. Home is in Williamson, N. C.

Kennion Jr., Richard W., '42, reports the birth of a daughter on November 8, 1951, in Schenectady, N. Y.

Williams Jr., Lonnie C., '42, Capt. USA, is now stationed at Ft. Lewis, Wash. He reports the birth of a daughter, Karen Gale, on November 26, 1951.

Stockard Jr., Henry Jerome, '44, wrote to the Grand Scribe that mail for him should be addressed to 426 Yarmouth Road, Raleigh, N. C.

Patterson, Robert B., '48, is engineer for the Champion Paper & Fibre Co., in Canton, North Carolina.

Russell, R. W., '48, is with Caltex (India)

Ltd., Bombay, India.

Richardson, Seaton N., '49, is with the Seaboard Air Line Railroad in Jacksonville, Fla.

Linn, Duard Columbus, '50, and Miss Frances Evelyn Cress were married on December 15, 1951. Home is in Landis, N. C.

Palmgren, Edwin D., '50, Lt. USAF, wants mail sent to his home at 607 Summit St., Winston-Salem, N. C.

Lloyd Jr., Robert T., now lives in Decatur, Georgia. On November 11, 1951 he was married to Miss Nancy Elizabeth Robbins.

Watson Jr., Samuel Robert, and Miss Lillian Mangum Harvard were married on October 19, 1951. Home is in Henderson, N. C.

Andrews, George H., '51, is living in Benton, Ark.

SIGMA

O'Roarke, James D., '26, is now assistant to the manager, Service & Maintenance Dept., of the Weirton Steel Co., Weirton, West Virginia.

Browne, Scymour K., '40, has returned from Venezuela and is now in the New York Office of International General Electric

Co., New York City, 570 Lexington Ave. Home is in Stamford, Conn.

Koss, John P., '49, left Akron to become Plant Manager of the Capitol Tire Co., Philadelphia, Pa., Scotts Lane.

Warren, George, '49, is a Porcelain Enamel Institute research fellow with the National Bureau of Standards in Washington, D. C.

TAU

Walsh Jr., Gerald William, Hon., is an instructor in the College of Applied Science, Syracuse University, Syracuse, New York, and lives at 408 Wendell Terrace, Syracuse 3, New York.

Jentner, Harry L., '26, is now chief engineer at American Steel & Wire Co., Shaker Heights, Ohio.

Grove, John V., '27, construction engineer for New York Telephone Co., lives in Kenmore, New York.

Owens, Parry W., '33, is in the chief engineer's office, Griffiths Air Base, Rome, N. Y.

Fuller, Atwood, '47, is with the Pryene Mfg.

Co. in Kansas City, Mo. Home is at 322 West 46th Terrace, Kansas City, Mo.

Decker, Robert, '49, is a junior engineer with the Penn Ry. and lives in Bridgeville, Pa.

Barrett, E. Walton, '51, and Mary Lou Buell were married in Utica, N. Y. on Sept. 8, 1951. He is an electronics engineer at the Rome Air Base, Rome, N. Y.

Firman, Roy, '51, is an engineer with Bell Aircraft Corp. in North Tonawanda, N. Y.

Linton, Kenneth, '51, and Miss Margaret Dwyer were married in Syracuse on June 9, 1951. Home is in Pittsfield, Mass., where Ken is an electrical engineer with General Electric Co.

UPSILON

Peter, T. E., '29, gives his address as 3421 Drummond St., Vicksburg, Miss.

Smith, Austin Bettis, '30, is with the Miss. River Commission in Vicksburg, Miss.

Huckaby, Thomas L., '30, is with U. S. Engineers in Cincinnati, Ohio, as chief of construction, and lives at 136 Riverside Parkway, Fort Thomas, Ky.

Gordon, William M., '31, Cmdr. USN, is stationed at the U. S. Naval Hospital in St. Albans, Long Island, New York.

Hyde, John L., '31, is with U. S. Engineers in Memphis, Tenn., and lives there at 4536

Charleswood Road.

Oldham, Henry N., '31, oil producer with offices in the Burt Bldg., lives at 7712 Southwestern, Dallas, Texas.

Wagstatt, Robert R., '34, has a new home at 336 Haverford Place, Swarthmore, Pa.

Cochran, Albert L., '35, is with the Army Engineers and lives at 4935 Baltimore Ave., NW, Washington, D. C.

Lewis, Thomas B., '35, Lt. (jg) USN, recently graduated from the Civil Engineer Corps Naval School at Port Hueneme. Mail should be sent to 6609 Kenwood, Little Rock, Ark.

- Muir, David*, '40, has been with Magnolia Petroleum Co. for 11 years and lives in Morton, Texas.
- Pittman, Edgar A.*, '41, reports the birth of a son on July 24, 1951. Home is at 1525 Roosevelt Ave., Tyler Park, Falls Church, Virginia.
- Patterson Jr., W. N.*, '42, is an electrical engineer with Westinghouse and wants mail sent to 941 McClure Road, Whitehaven, Tenn.
- Brown, James O.*, '43, is district engineer for the National Tank Co. in Corpus Christi, Texas, and lives there at 1037 De Forest St.
- Pierce Jr., Jesse*, '46, has moved to 8009 Antioch Road, Overland Park, Kansas.
- Searley, Edward R.*, '46, is field engineer for General Electric Co. and lives at 2211 North Bond St., Saginaw, Mich.
- Allison, N. B.*, '48, is construction supt. for the Fish Pipeline Construction Co. of Houston, Texas with offices in the M & M Building.
- Brewer, Harold Kenneth*, '48, with Westinghouse Electric Corp. in Kansas City, Mo. now lives at 5615 Barkley in Mission, Kan.
- Hedgecock, Ray*, '48, has a change in address to P.O. Box 1562, Monroe, La. He reports the birth of a daughter, Ann Elaine, July 14, 1951. His office is at 605 Ouachita Nat'l. Bank Bldg.
- Reynolds, Joseph E.*, '48, is now living at 401 N. Jackson, Joplin, Mo.
- Smith, Nathan E.*, '48, is now living at 6221 West Grace St., Chicago, Ill. He is assistant engineer for the Chicago, Milwaukee, St. Paul & Pacific Ry.
- Strange, John N.*, '48, wants his mail sent to Box 631, Vicksburg, Miss.
- Burleson, C. J.*, '49, civil engr. with La. Natural Gas Co. has a new home at 1000 Broadmoor Drive, Lake Charles, La. He reports the birth of a daughter, Patricia Lee, on Sept. 21, 1951.
- Cox Jr., Edwin Clement*, '49, is now living at 3767 Westgate Ave., Cincinnati, Ohio.
- Deaver, W. W.*, '49, reports the birth of a son, William Scott, on Sept. 8, 1951. Home is in Tulia, Texas.
- Haynes, Cbester L.*, '49, is in Korea and can be reached through 213 FA Bn. APO 301, c/o PM San Francisco, Calif.
- McFarland, Dill Gus*, '49, reports the birth of a daughter in February, 1951. Home is at 622 Melbourne, Houston, Texas.
- Sneed, H. G.*, '49, is assistant zone civil engineer for Gulf Refining Co., and can be addressed at 512 Grefer St., Harvey, La.
- Bowen, George Robert*, '50, and Miss Alice Keefe were married last summer and are now at home at 401 1/2—11th Ave., Texas City, Texas.
- Eslander, John E.*, '50 is with A.P. & L. Co., Forrest City, Ark.
- Estes, Bruce H.*, '50, lives at Solway Jinnings 21, St. Louis, Missouri.
- Gammill, Edward L.*, '50, can be addressed at 1506 West 8th Ave., in Pine Bluff, Ark.
- Graves, John*, '50, and Mary Ann Reeks were married in Shreveport, La.
- Harrison, Roy*, '50, is a production engineer for Gulf Oil Corp. in Hobbs, New Mexico, and his mailing address there is Box 1667.
- Hawkins, John Edward*, '50, and Miss Lavina Dell Brock, were married on April 8, 1951, and are at home at 309 South West Ave., El Dorado, Ark.
- Laugren, John L.*, '50, works for the Geo. D. Roper Corp. in Rockford, Ill., and lives there at 943 South 3rd.
- Bowen, George Robert*, '51, is on the Technical Staff, Vinyl Chloride Unit, Vinylite Area, Carbide & Carbon Chemicals Co. His address is 1134 Third Ave. N., Texas City, Texas.
- Brown, Charles D.*, '51, is with E. I. du Pont de Nemours & Co. He lives at 712 Park, Orange, Texas.
- Coffee, Kenneth*, '51, is stationed at Barksdale AFB, Louisiana.
- Dolce, Francis J.*, '51, is a Quality Control Electronic Engineer, Boeing Airplane Co., Wichita, Kansas.
- Gammill, William D.*, '51, is with Consolidated-Vultee Aircraft Corp. at Fort Worth, Texas.
- Gregory, James B.*, '51, is with the Radio Corporation of America, Camden, New Jersey.
- Malone Jr., George W.*, '51, is with the Test Engineering Program, General Electric Co., Lockland, Ohio.
- Mouser, David E.*, '51, is with the U. S. Army.
- North, Omar C.*, '51, is with Carbide & Carbon Chemicals Co. His address is P.O. Box 471, Texas City, Texas; 401 1/2 Eleventh Ave., N., Texas City.
- Porter, Lloyd G.*, '51, is an Industrial Engineer with E. I. du Pont de Nemours & Co., at Buffalo, N. Y.
- Ripley, Kenneth*, '51, lives in the Wilson Apartments, Sheridan, Ark.
- Robbins, Billy A.*, '51, Lt. USA, is at Dr. B, 1090 USA Fsrq., Box 5500, Sandia Base, Albuquerque, New Mexico.
- Roberts Jr., Roy W.*, '51, is with the U. S. Air Force, AO-2231654, Officers' Mail Unit, Lackland AFB, San Antonio, Texas.
- Robinson, William C.*, '51, is at Wright-Patterson AFB, and gets mail at 806 Valley St., Dayton, Ohio.
- De Roulbac, Joseph L.*, '51, Lt. USAF is with

3401 Student Sqd., Box 1835, Keesler AFB, Miss.

Senyard, Corley P., '51, is with the New Orleans Public Service, Inc., New Orleans, La. His home is at 2120 Bodenger Blvd., New Orleans.

Singer, Alvin C., '51, is Supervisor and Assistant to Superintendent of Construction and Maintenance Department, Gas Service Company, 824 Grand Ave., Kansas City 6, Mo.

Spears Jr., Luther T., '51, can be reached at 415 West Oxford St., Dayton, Ohio.

Spinelli, William A., '51, is a graduate student at the University of Arkansas. He lives in Gregson Hall, Fayetteville, Arkansas.

Thompson, Hal R., '51, is in Process Development, Union Carbide & Carbon Chemicals Co., Texas City, Texas.

Tyer, Arnold J., '51, is with T. J. Fricke, Consulting Engineer, Stuttgart, Arkansas.

Browne, Berle E., '52, is a design engineer for Goodyear Aircrafts. His address is 75 Manor Road, Apt. C, Akron, Ohio.

Ford, Miller, '52, is with Chance Vaught. His address is 731 W. Jefferson, Apt. 3, Grand Prairie, Texas.

Parkey, Bill, '52, is in the work-engineering department at Carbon and Carbide. His address is 1210 4th Ave. N., Texas City, Texas.

CHI

Finsel, Louis O., '26, is manager of the Asphalt Products Transportation Co., in Tucson, Ariz. Home is at 3844 North Tyndall Ave., Tucson.

Hampshire, Claude, '26, is located in Indianola, Nebraska.

Perez, Gines, '32, Col. U.S.A., has returned from Korea and is now an Executive Officer at Ft. Benning, Ga. For outstanding service in Korea he received an additional Oak Leaf cluster of the Legion of Merit medal.

Conroy, Thomas C., '37, Col. USAF, is a member of the advanced study committee of the Airforce with offices in the Pentagon, Alexandria, Va., and home is at 505 Vista Drive, Falls Church, Md.

Houghton Jr., Neal D., '38, is chief engineer for the Wagner-Morehouse Co. Inc., oil-well equipment, 390 Randolph, Los Angeles, Calif., and lives at 8348 Woodland, San Gabriel, Calif.

Orr Jr., David H., '39, is chief engineer for Phelps-Dodge Corp. Morenci, Arizona.

West, LaMont, '39, formerly supt. in New Mexico has been promoted to mining engineer in the main office, General Chemical Division, Allied Chemical & Dye Corp., 40 Rector St., New York City.

Andrews, Jack Carlton, '40, is chief design engineer for The Louis Allis Co., 427 East Stewart St., Milwaukee, Wis., and lives at 8709 West Cleveland Ave., Milwaukee.

Hedgecock, Leonard W., '42, is mining engineer for the U. S. Vanadium Co. at Pine Creek via Bishop, California, and the family home is in Bishop.

King, Thomas C., '43, is developing a lead property at Picher, Okla. He is reported to be with Eagle-Picher Mining & Smelting Company.

Levin, Sigmund Lewis, '47, is engineering aid, design dept., Los Angeles County Flood Control Dist. 751 S. Figueroa St., Los

Angeles, California, and lives at 4061 Rhodes Ave., North Hollywood, Calif.

Bell, Lawrence E., '49, and Miss Jean F. Andresen of New York were married on December 3, 1950. He is working for International General Electric Co. in Caracas, Venezuela, S. A.

Fenton, Norman L., '49, is with the W. H. Eddy Electric Products Co., 947 East Van Buren, Phoenix, Arizona.

Gerry, Clark H., '49, Major USAF, is stationed at Roswell, New Mexico.

Rowcliffe, Thbo. A., '49, is division engineer in charge of construction for Pacific Lighting Gas Supply Co., 810 Flower St., Los Angeles, Calif., and lives in Anaheim, Calif.

Pattison, Karl M., '50, is with the Howard Hughes Aircraft Co. in Culver City, Calif.

Dierkes, Harry B., '51, is an engineer for ARO Inc., Tullahoma, Tenn.

Hess Jr., James G., '51, Lt. USA, is stationed with the rocket branch, Edwards AFB, Edwards, Calif.

McDuff, Jack, '51, is in General Electric technical training program in the purchasing division in Seattle, Wash., where he is inspecting material for the Atomic Energy Commission at Richland, Wash.

Roper, David H., '51, Pvt. USA, is at Fort Ord, Calif.

Sargent, Fred R., '51, and Beverly Clark were married in Tucson on June 2, 1951. He is in military service stationed in San Diego, California.

Steinheimer, David L., '51, Ensign USN, is attending the U. S. Naval School for Civil Engineers at Port Hueneme, Calif. He will go to Guam when his course is completed.

Struthers, Burton A., '51, is a civil engineer in Tucson, Ariz.

Torgersen, Edward, '51, is a mining engineer living in Lowell, Ariz.

PSI

- McAuliffe, John D.*, '34, has left Canada and is now General Operating Engineer for the M. A. Hanna Co. at Iron River, Mich.
- Rabbitt, John C.*, '35, is Chief, Trace Elements Section, U. S. Geological Survey, in Washington, D. C., and lives at 1741 Harvard St., NW, Washington, D. C.
- Johnson, Clarence Glenn*, '36, is assistant foreman for Braden Copper Co., Sewell, Chile, South America.
- Barnes, Edgar D.*, '40, Lt. Comdr. USN, gives his address as UR-1, NOS, Patuxent River, Maryland.
- Schraider, Clarence Goodell*, '40, who is with U. S. Rubber Co., 220 Jackson St., Seattle 14, Wash., has built a new home at 3706 East 74th Place, Seattle 5, Wash.
- Johnson, Thor W.*, '41, Lt. Comdr. USN, is now stationed at the Mare Island Naval Shipyard, Vallejo, Calif.
- Hill, H. R.*, '43, who graduated from the Mo. School of Mines, is with Westinghouse Electric Corp., 1625 K Street, NW, Washington, D. C. and lives at 1810-9th Road.
- Leskella, Willard*, '43, is with Phillips Petroleum Co., in Great Falls, Mont., and his mailing address there is 2201 Second Ave., North.
- North, Arlington, Va.
- Horne, G. T.*, '45, is now Asst. Prof. of Metallurgy, Carnegie Institute of Technology, Pittsburgh 13, Pa.
- Burns, Robert L.*, '48, is living at 2101 Laguna St., San Francisco, Calif.
- Gilmore, Emmett*, '48, is pit foreman for the Oliver Mining Co., Hibbing, Minn.
- Joyce, Joseph W.*, '48, is a metallurgist at the Mining Experiment Sta., Washington State College, Pullman, Wash.
- King, Norman*, '48, is a geologist with the U. S. Geological Survey, 503 Federal Bldg., Salt Lake City, Utah.
- McCoy, Jack B.*, '48, works in the General Laboratory of the A. C. M. Co. in Anaconda, Montana, and his mailing address is P. O. Box 203.
- Olson, Stanley G.*, '48, production analyst, Continental Oil Co., can be addressed at P. O. Box 2197, Houston, Texas.
- Moor, Arthur G.*, '50, gets his mail at P. O. Box 646, Port Chicago, Calif.
- O'Connell, Edwin J.*, '50, lives at 53 Octavia St., San Francisco, Calif.
- Vorell, Frank J.*, '51, lives at Apt. 102, 145 Buckingham Way, San Francisco.

OMEGA

- Campbell, William*, '30, is now Assist. Mine Supt. for Homestake Mining Co. in Lead, South Dakota.
- Holleman, Clarence*, '32, has had two operations and is at home at 19200 Linnet St., Tarzana, Calif.
- Gagstetter, Noel*, '34, Lt. Comdr. USN, is Planning & Facilities Officer Torpedo Branch, Bur. of Ordnance in Washington, D. C., and lives at Apt. 301, 3358 Chillum Road, Mt. Ranier, Maryland.
- Woodman, Frank*, '34, is with a company combination of Pittsburgh Plate Glass Co. and Southern Alkali. Home is at 1016-10th St., Lake Charles, La.
- Flint, Robert*, '37, is assistant manager Industrial Engineering Div., Carnegie-Illinois Steel Co., Pittsburgh, Pa.
- Peterson, Marvin*, '40, is now ensign USN, and is at the Norfolk Va. Navy Shipyard.
- Donovan, Daniel*, '41, is on the national staff of Associated General Contractors of America Inc., Munsey Bldg., Washington, D. C.
- Redmon, Donald*, '43, is now with the Zonolite Co., Libby, Montana.
- Winburn, Duane C.*, '43, is at the Los Alamos Scientific Lab., Los Alamos, New Mexico.
- Winkler, Robert*, '43, is now with SW Town Construction Co., Chicago, Ill.
- Benn, William R.*, '44, reports the birth of a son, David, on June 13, 1951. The family home is at 2217 Richland Ave., Lakewood 7, Ohio.
- Darnall, Lloyd L.*, '44, reports the birth of Sharon Kay, on August 10, 1951. Lloyd is an engineer on bridge inspection for the Milwaukee Ry., and can be addressed at 4295 Benton St., Palatine, Ill.
- Mickle, Ralph G.*, '44, has a son, Gary Ralph, born November 1, 1951, at Herculeanum.
- Johnson, Walter*, '45, is a representative for Allis Chalmers Mfg. Co. in St. Louis, Mo.
- Trompeter, R. W.*, '47, Lt. (jg) USN, is spending a year at RPI and can be addressed at 19-3 Blatchford Drive, Troy, N. Y.
- Jones, Robert*, '48, has been promoted to superintendent of plants of A. S. & R. Co., Corpus Christi, Texas.
- Shay, Owen*, '48, is with General Electric Co., in Denver, Colo., and lives at 6006 East 29th Ave.
- Moriarty, Kenneth*, '49, is in the Atomic Energy Div. of Westinghouse in Idaho Falls, Idaho. Home is at 245 East 24th St.
- Schmidt, Al*, '49, is now safety director and assistant gas engineer for NW Public

Service Co., in Huron, S.D.
Schmidt, Ernest F., '49, also with NW Public Service Co., is Meter Supt. in Huron, S.D.
Schmitt, Nicholas, '49, is with General Electric Co., in Schenectady, N. Y. He is building a new home but the street address is unknown.
Schorisler, Donald, '49, and Miss Olive Stone of Rochester, N. Y. were married on June 2, 1951. He is in the Kodacolor Lab. of Eastman and home is at 227 Winbourne Road, Rochester, N. Y.
Antio, Marcin, '50, is working for the Atomic Energy Commission at Hamilton, Ohio.
Hampton, Les, '50, is representing Boeing Aircraft and at present is with 93rd Bomb Wing, Castle AFB, Merced, Calif.
Majerus, Francis, '50, who was with Oliver Iron Mining Co. until October, was called back into the Naval Air Corps, and is an instructor at Pensacola, Fla.
Shaffer, Richard, '50, and Miss Dolores Jeanne Lambert of Watertown, S. D., were married December 30, 1951.
Ulvog, Carl, '50, geologist for Pure Oil Co. in Midland, Texas, reports the birth of a son, Paul Daniel, born November 29, 1951.
Barkley, Willard, '51, is with the Braden Copper Co. at Sewell, Chile, S. A.

Berg, Kenneth, '51, is with the Oregon State Highway Commission and lives at 124 Greeley Ave., Bend, Oregon.
Brown, Harold, '51, is in the Power Plant of the John Deere Waterloo Tractor Dept. Home is at 1101 West 11th St., Waterloo, and they have a new daughter, Cynthia Kay, born November 8, 1951.
Gilbertson, Walter, '51, is now in the U. S. Army. He may be reached at address, US 55174293 Co. D., Eta Jima Specialist School, 8098th AU, APO 354 c/o Postmaster, San Francisco, California.
Miller, Vance, '51, with G.E. Co. in Lynn, Mass., can be addressed at 42 Pearl Road, Nahant, Mass.
Paulson, Duane, '51, is taking a course in Architectural Engineering at the University of Wyoming, and can be addressed at 301 S 13th St., Laramie, Wyo.
Ridinger, David, '51, who is now in Chile, may be addressed c/o Braden Copper Co., Rancagua, Chile, S. A.
Ulmer, Arnold A., '51, is taking the training course with Westinghouse and can be addressed c/o Westinghouse Educational enter, Ardmore Blvd. at Brinton, Pittsburgh 21, Pa. *Russell Griffith*, '51, and *Earl McCleeray*, '51, are also there.

GAMMA BETA

Braugh, Frank C., '49, Assistant manager manufacturing development department, Hughes Aircraft Co., Culver City, Calif., lives at 1741 Penmar Ave., Venice, Calif.
McCullough, Robert W., '43, lives at 16 May-

bank Ave., Clemson, S. C.
Nelson, Theodore W., '47, is development engineer for Melpar Inc., 452 Swann Ave., Alexandria, Va., and gets mail at R.R. Box 755, Annandale, Va.

She: "My dad is an engineer. He takes things apart to see why they won't go."

He: "So what?"

She: "You better go."

"Your girl is spoiled, isn't she?"

"No, it's just the perfume she's wearing."

She: "I'm an Oriental dancer."

He: "Shake."

"What kind of toothpaste do you use?"

"None. My teeth ain't loose."

The M.E. was at work with saw and hammer when his neighbor came over.

"How's your wife?" he asked.

"Pretty sick."

"That her coughing?"

"No, this is a dog house."

A man died and left \$100 each to an Englishman, Irishman, and a Scotsman, on condition that they each put \$10 in his coffin.

The Englishman dropped his \$10 and the Irishman did likewise. Then along came the Scotsman, who put in the coffin a check for \$30 and took out the \$20.

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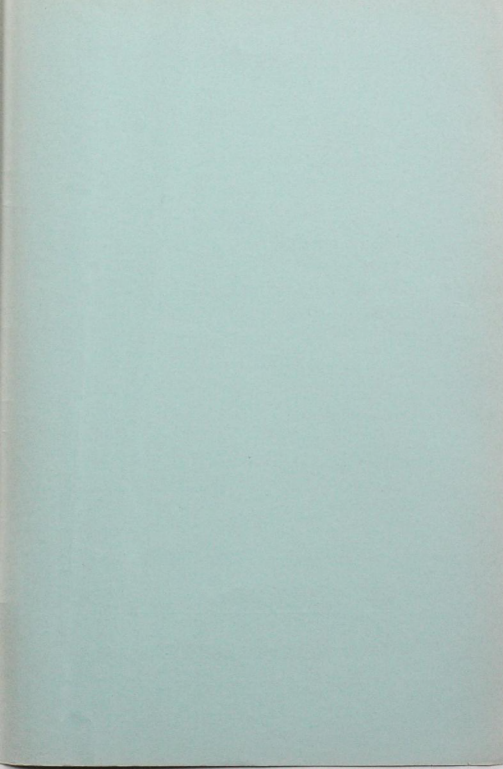
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