

THE GEAR OF THETA TAU

Fall, 1945

Volume XXXV

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THETA TAU



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Theta Tau Fraternity

Founded at the University of Minnesota October 15, 1904

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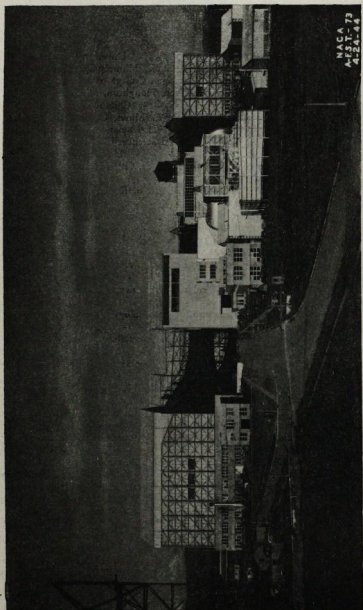
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National Advisory Committee for Aeronautics photo
Plant required for testing full-size planes at Moffett Field

Erecting Steel for Tornado in a Tunnel

Gordon R. Lunt, Omicron '21

A TORNADO IN A TUNNEL literally describes the huge Ames Aeronautical Research Laboratory at Moffett Field, Calif., where full-size airplanes can be tested in a man-made gale greater than any wind nature has to offer. Built for the National Advisory Committee for Aeronautics, the laboratory is the world's largest wind tunnel, towering 173 ft. high, looping around an 8-acre area 400 x 868 ft. in outside dimensions. The tunnel itself varies in cross section from the 40 x 80-ft. oval-shaped test section to a 133 x 173-ft. rectangle in the return section. Six 6-bladed propeller-type fans, which completely fill the cross section at one point, generate the wind in the closed loop. The magnitude of the project is probably most strikingly indicated by the fact that each fan, with propeller blades 40 ft. in diameter, is driven by a 6,000-hp. electric motor.

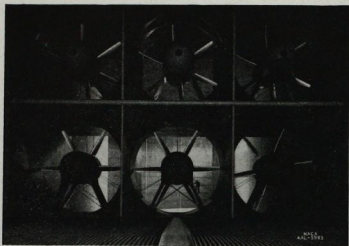
The wind tunnel, essentially a closed continuous passage through which air is circulated by the fans, consists of two main parts—the test section and the return section. Occupying most of the long east side, the test section consists of a steel throat of butt-

welded plates held by longitudinal ribs, which in turn, are bound by outside truss ring girts. Starting as a rectangle 132½ ft. wide and 172½ ft. high, the entrance cone of the throat tapers down to an oval 80 ft. wide and 40 ft. high at the entrance to the test section. To compensate for skin friction, the test section itself flares out slightly 3½ in. in width and height to the beginning of the exit cone. The exit cone transforms to a rectangle 68 ft. 7 in. x 108 ft. 7 in. to complete the steel throat.

The remainder of the tunnel loop consisting of the north and south ends and the long west side, is considered as the return section. In the west leg is the fan assembly, made up of six separate tubes, 40 ft. in diameter and 140 ft. long, arranged in

two horizontal rows of three fan units each. These tubes, each containing a six-bladed propeller-type fan 40 ft. in diameter at the motor section, driven by a 6,000-hp. electric motor, are faired into the return passage fore and aft. The fan assembly housing, 140 ft. long, is built up of steel plates, structural steel and reinforced concrete. Fans and motors are mounted

Gordon R. Lunt was one of the co-founders of Omicron Chapter. He graduated from the University of Iowa in 1921 and received the C.E. degree from that institution in 1927. He joined the Pittsburgh-Des Moines Steel Co. and became manager of their Bridge Department in 1928, which position he still holds. He has been Project Manager on the construction of four wind tunnels and one large hangar at Moffett Field, California. For much of the time since 1929, he has specialized in the promotion, development and construction of pipe line bridges and has bridged many of the major rivers of the country. At present he is constructing a 3200-foot natural gas pipe line suspension bridge over the Red River near Shreveport, La. A confirmed bachelor, Brother Lunt resides in Des Moines, Iowa.



Six 40-foot propellers generate 200 m.p.h. wind at test section

on structural frames. Air speeds in excess of 200 m.p.h. can be created by the fans.

All the rest of the return section is a steel frame structure of mill type construction, with corrugated cement asbestos siding and asbestos-protected metal ceiling and flooring. Wall framing of this structure consists of outside vertical trusses supporting steel girts to which the sheeting is fastened. The return passage includes four 90-deg. turns, in each of which are a set of curved vertical guide vanes (4,488 vanes in all) extending from floor to ceiling. These vanes, which efficiently turn the fast-moving air around the corners, are a combination of wood and sheet metal.

The steel test section is surrounded by a separate building of mill type construction, 125 ft. long, 180 ft. wide and 161½ ft. high, sheeted top and sides with cement asbestos. A pair of huge hinged doors, hydraulically operated, form the top of the test

section proper to allow placing of full-sized airplanes and other large aerodynamic models. These doors jack-knife into open position to provide a clear opening the full 80-ft. width of the chamber and 50 ft. long. There is an access door and a walkway for entrance into the chamber.

An elaborate aircraft support system located in the test chamber, but on independent foundations, permits mounting the test plane in different positions. This support arrangement transmits loads (test data) to a balance system located in a room below. The model under test can also be observed from the outside through plastic glass panels in the chamber walls. Hoisting equipment to serve the test chamber includes 3-ton and 10-ton hoists operating on a traveling bridge, a 5-ton gantry crane and an electric elevator.

The entire wind tunnel structure is carried by concrete piles through heavy reinforced concrete footings.

Offices, storage rooms, boiler rooms and electrical equipment rooms are provided in the space between grade and the floor of the return passage at the north end of the structure. A 200,000-gal. elevated water storage tank was erected in the area enclosed by the tunnel.

More than 12,000 tons of fabricated structural steel and plates went into the structure for which nearly 2,000 sheets of detailed drawing were made. While some heavy members were required at the motor supports and test section, most of the pieces were quite light.

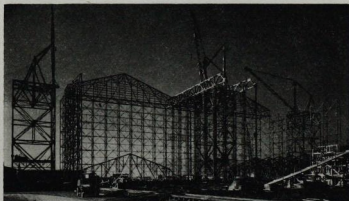
Due to the various weights of members, ranging from a few hundred pounds up to 50 tons and more, as well as various heights of structure a great deal of study was given to the proper equipment to be used in the erection of the steel. It was decided to use three wide-gage traveling stiff-leg derricks mounted on high towers running on double railroad tracks, each powered with three-drum diesel hoists, to be used as follows: One on the east side of the tunnel, one on the west side and one on the center line.

The center traveler was worked with either the east or west traveler, or all three independently, in the erection of the major portion of the steel. Each traveler moved on short sections of track and each straddled a material track that extended the full length of tunnel and connected with the storage yard track. The travelers were so designed that by simply jacking up the supporting pins on the rail carriages, the carriages could be turned at right angles for operating on track transverse to the original.

The traveling derricks, designed and fabricated at the contractor's plant in Des Moines, Iowa, were 40 x 50 ft. in plan, 135½ ft. high from the top of the railroad rail to the center of the boom pin with a 125-ft. boom designed for 25 tons in a flat position. Actual erection operations were speeded up by use of telephone systems enabling the yard foreman, the erection superintendent and the derrick operator to be in constant touch with each other.

ERECTION PROCEDURE

The vertical side trusses with bracing were erected with the traveler and



Derricks erect steel for the return section

then guyed in place. Most of the roof trusses were assembled on the ground by cranes, riveted up completely and then hoisted in place as a unit by two of the travelers acting together. Some of the large roof trusses were erected on steel falsework designed in sections of various lengths with one section adjustable for height. Wedge and ratchet jacks were used to adjust for camber.

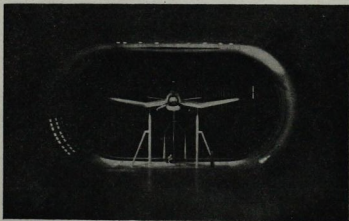
Due to the lightness and number of pieces, the vertical girts were erected with small electric hoists, equipped with solenoid brakes and operated with push buttons, which were attached to the steel framing just above ground level.

While, in general, all field connections of the structural work were riveted, the platework sections of the tunnel were welded. Plates forming a part of the lining were butt welded, all welds on the inside surface being chipped and ground smooth and flush with the surface of the plates.

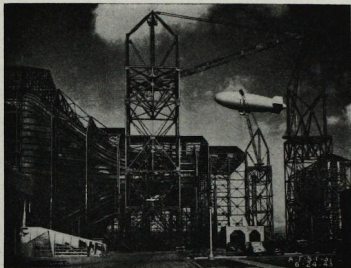
As these plates were quite light, $\frac{3}{8}$ in. in the test section and motor rings

and about $\frac{9}{32}$ -in. (11.6 lb. per sq. ft.) elsewhere, no particular problems were involved in their erection and welding. Considerable care was required, however, in securing and maintaining the required accuracy in the test section, a portion of the entrance cone and the 40-ft. rings within which the propellers rotate. These rings had to be true circles within plus or minus $\frac{1}{4}$ in.

All ring girders of the exit section were trammed or checked for size and adjusted to exact dimensions and welded up completely on the ground prior to being erected in place on falsework. The two main ring girders for the test section were located, in the finished structure, 52 ft. apart and, among other things, supported the huge movable doors which opened the full 80-ft. width of the tunnel test section and for the full distance between ring girders. These doors, weighing 228,000 lb. were worked to extremely close tolerances because they form the upper half of the air passageway for the test section when in closed



Test section showing dive bomber mounted on support system. Note two men.



Three travelling stiff leg derricks on high towers erected most of the steel

position. Because of the heavy loads imposed on the test section ring girders, they were of necessity, too heavy to make their erection in one piece practical. They were therefore carefully assembled and trammed on the ground, welded into half ring sections and these set on falsework and welded together. Exacting computations and allowances were made for the dead load deflections. These computations and allowances were necessarily complicated by the fact that deflections of the rings from the action of the temporary falsework had to be anticipated and allowed for in the erection procedure.

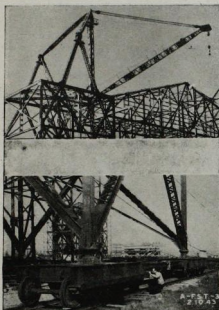
The centers of all cross sections of the test section were maintained within the permitted tolerance of $\frac{3}{8}$ in. on a center line established through the centers of the end sections of the test section. The cross sections of the test section were checked well within the

allowable tolerance of $\frac{1}{2}$ in. with adjustable tram arms mounted on a shaft running the full length of the test section on each center line. This shaft was supported by adjustable trunnions attached to transverse I-beams, all supported on steel bents.

The test section and a portion of the entrance cone were further checked for accuracy by using a flexible batten, 15 ft. long, along the inside surface. The finished surface could not deviate from the curve of the batten held tightly against the plate by more than $\frac{3}{16}$ in. at any point, and no local deviation could exceed one percent of its length.

It was found necessary to use a large force of men to remove buckles and flat spots, caused by welding distortion, temperature changes, etc.

Excepting for the drive motors and starting equipment, propellers, balances and testing equipment, the Mof-



fett Field full scale tunnel was constructed by the Pittsburgh-Des Moines Steel Company with the author as Project Manager. The work was done under the direction of the Ames Aeronautical Research Laboratory of the National Advisory Committee for Aeronautics, for which Smith J. De France was engineer in charge, with John F. Parsons, representing the contracting officer, and Ferril R. Nickle, head of construction inspection.

Condensed from Sept. 20, 1945,
Engineering News-Record

Top and bottom of erection towers.
Direction of support carriages could be changed 90°.

Theta Tau's Most Famous Soldier Comes Home

Although nearly every issue of *THE GEAR* during the war carried word of Curtis LeMay, Sigma '32, and the August 13, 1945, issue of *Time Magazine* ran his picture on the cover and

devoted three pages to his activities, it is felt that his fraternity brothers will be interested in this summary of his career which was extracted from the November issue of the *Ohio State University Monthly*.

Ohio State's greatest airman of World War II was at home in his native Buckeye State where his heart (wife and small daughter) had been during all the long months of conflict. A grateful University and state and nation gave thanks to Maj. Gen. Curtis Emerson LeMay, of Lakewood and Columbus, and to the gallant men of his Superfortress bombing commands.

In the last six months, more had been published about this spectacularly

successful airman than about any other general in any six-month period during the entire war. More than any other combat airman, he was the nation's Very Long Range flying expert. Americans everywhere know of his heavy bombing career in the 8th AAF (England), of his work in the CBI theater, and his high and low-level bombing of Japan from bases in China, India, Saipan, and Guam that climaxed with the dropping of the two atomic

bombs. Of some 325 B-29 missions that had been run against Japan, 280 of them had been under General LeMay's command.

General Curt LeMay and his men had made history in helping to bomb the Nazis into submission and the Japs into early surrender. The General was "in the news" almost immediately upon coming home.

First, he came home the hard way, commanding one of three Super-Forts that flew non-stop from Japan to Chicago. For this feat he was awarded another DFC. Governor Lausche offered the General appointment as Ohio's Senator, to fill the vacancy caused by Senator Burton's appointment to the U. S. Supreme Court, but General LeMay "regretfully" declined when he found it would necessitate giving up his Army commission.

His last war-time assignment has been as Chief of Staff of the U. S. Army Strategic Air Forces. His new assignment was as Special Deputy Commander of the Air Technical Service Command at Wright Field, Dayton, and it seemed very likely that as the AAF considered the possibilities of world-girdling "research" flights by Superfortresses, the nation's No. 1 Very Long Range flying expert would have a hand in it.

But this article is rather more concerned with the personality and the character of Curt LeMay than with the great exploits of this air general that have won him world-wide renown. Most writers have found Curt LeMay a rather enigmatic character. This is largely because he is taciturn by nature, especially when there is a job to be done. It is also because he comes mighty near to being the completely self-made man. Born in Columbus, he quit Ohio State to enter the

Army as a flying cadet. While stationed at Selfridge Field, 60 miles from Ann Arbor, he met Helen Maitland, of Lakewood, a student at Michigan, in the spring of '31. Appreciating the importance of completing his education, he requested detached service in Columbus and completed requirements for a bachelor of science degree in engineering in '32. Two years later, Curt LeMay and Helen Maitland were married in Lakewood.



"Old Iron Pants" LeMay

He became widely-known in Army circles as one of the ablest celestial navigators and when war broke, his fame began as a combat leader of the 305th Bombardment Group in England in '42. He deduced that bombing results had not been up to expectations because bomber pilots were taking evasive action in the face of enemy flak and fighters. After personally demonstrating (Brest sub pens) that a good bombing run meant

holding course over the target for from five to seven minutes, he posted a new order: "No more evasive action over targets." Success of bombing missions increased but casualty lists went up.

It was at this time that many of the word-pictures about General LeMay described him as morose and unfeeling and taciturn. Maybe the General couldn't tell his men, but he wrote his wife: "I am constantly amazed at the heights these kids rise to when the big test comes . . . I sometimes wonder what I have ever done to deserve the command of an outfit like this . . . I think some times I am too soft to properly fight a war after raising these kids from pups and leading them against the best pursuit and anti-aircraft defenses in the world—and having them come through the way they have. It hurts like hell to lose them . . ."

It is for rarely exhibited displays of feeling, such as this, that General LeMay's men swear by him. They affectionately named him "Old Iron-pants" and proceeded to follow wherever he led—or commanded. So great was the faith of his men that one summed it up: "If LeMay said two and two were five, I'd believe it because I know he would have the facts to back it up or he wouldn't have said it."

Much, too, has been written about General LeMay as the man who wastes "neither words nor bombs;" as a man who is dogmatic, brusque and unromantic. When faced with a job to do, these adjectives hold some water. But there's more to the man than that. When the job is done, when a breathing respite is won, he enjoys friends and companionship as much as the next one. He enjoys all sorts of fish-

ing and hunting. His gun collection is one of the finest in the country.

At his home in Lakewood is an array of silver cups and trophies that bear evidence to his championship skeet shooting ability. He delights in water sports and while stationed both in Honolulu and Langley Field, he had fine boats and knew how to handle them. Photography has long been one of his hobbies and he likes to develop, print, and enlarge his own negatives. On top of that, he is an avid poker player and plays a good game of bridge.

As for his wife and daughter, no matter how arduous the duties of the day, no matter where he was stationed around the world, he never failed to get off a daily air mail to his dear ones in Lakewood. His affection for his little daughter, Jane, borders on worship. Shortly before Easter, one year, when the General was stationed in England, he wrote his little daughter:

Dear Janie:

Your picture came the other day and I have it sitting on the table by my bed. You are getting to be a big girl now, aren't you.

I hope it doesn't rain Easter so you can wear your new hat. I have an Easter bunny living in the field by my house and I have to take good care of him because some of my men want to make a stew out of him.

Be a good girl and learn your lessons in school. I am sending you my picture for your room.

Love,

Daddy.

Organizations and friends in his home town honored General LeMay with a homecoming dinner. In a short speech, upon that occasion, General LeMay urged a long occupation of

Japan and Germany "until there is no possibility that either country can rise again as a military power."

As to Curt LeMay's personal philosophy of life, in part, he wrote a friend as follows: "There is a price you have to pay for success. Sometimes I wonder whether it is worth it

or not. Some times I doubt it. However, the only solution I know is to do your best and take what comes."

Yes, Ohio State's greatest airman of World War II, is a great personality as well. In any larger estimate Curt LeMay belongs to a democratic America and to a free world.

Harold A. Jimerson Succumbs to Jap Barbarity

Editor's Note: This obituary is so eloquent an argument for a determined effort by all Americans to prevent another war that it is included among the articles in this issue.

Captain Harold A. Jimerson was reported by the War Department, September 13, 1945, to have died at Fukuoka Prisoner of War Camp on Honshu Island, Japan, February 4, 1945.

Captain Jimerson, who was on military leave from the University of Arizona at the time of his death, was known as "Jim" or "Jimmy" by his friends. He was born in Kansas City, Missouri, June 28, 1904. His parents were the late Charles A. Jimerson and Della Mohler Jimerson (who now lives in Tucson, Arizona).

He attended public schools in Kansas City, Mo., and graduated from Central High School in 1922. He took military training in high school and again at the University of Kansas where he was the highest ranking student officer in his senior year. He was offered a commission in the regular army at that time, but preferred to make engineering his career.

At the University of Kansas, at Lawrence, Kansas, he was a member of Theta Tau, Scabbard and Blade-military fraternity, and Alemannia-Social fraternity which was later taken

in by Delta Chi Fraternity. He received his B.S. in M.E. in 1926 when he was commissioned a 2nd Lieutenant in the Reserve Officers' Corps. He joined the Masons a few days before graduation from K. U., and was married the night after graduation to Katherine Kimball, daughter of the late Judge George E. Kimball and Mrs. Kimball of Kansas City, Missouri. Mrs. Jimerson attended K. U. for two years.

After graduating, he became Assistant Plant Engineer of Proctor & Gamble in Kansas City, Kansas, resigning that position in the fall to take his wife to Tucson, Arizona, for her health. They hadn't planned to stay in Arizona after his wife recovered her health, but a few days after arriving in Tucson he was offered a teaching position in the Engineering College at the University of Arizona and stayed on, receiving his M.S. degree from the University of Arizona in 1929.

He was an instructor in Mechanical Engineering at the University from 1926 until 1930. From 1930 until 1937, he was Assistant Professor in Mechanic Arts. From 1937 on, he has been Assistant Professor in Mechanical Engineering at the University.

He was one of the founders of Chi Chapter of Theta Tau at the Univer-

sity of Arizona and was Secretary-Treasurer of the Building Corporation.

He was a trustee of the First Congregational Church of Tucson, and Chairman of the House Committee when he went on active duty with the army.

He was a Captain in the Coast Artillery, and went on active duty in June, 1941, first being stationed at Camp Wallace, Texas, near Galveston. In August he received orders to go to

the Philippines and sailed on August 28, 1941. In the Philippines he was first stationed at Fort Wint, at the entrance to Subic Bay. Late in December, 1941, General MacArthur withdrew the forces from Fort Wint as well as all those on Luzon Island into Bataan Peninsula where they held the Japs off while America prepared. It was their lot to be sacrificed and Bataan fell April 9, 1942. Four letters written by Captain Jimerson on Bataan



came through the blockade. His unit received a Presidential Citation on Bataan.

After being taken prisoner on Bataan, he was held on Luzon Island at Camp O'Donnell and then at Cabanatuan until October, 1942, when he was taken to a camp at Davoa, Mindanao. He was very sick there with malaria, dysentery, and beri-beri, and there was no medicine until spring when some Red Cross supplies arrived; he recovered and learned to work in the rice fields as well as to make rope and weave baskets and hats. The starvation diet furnished by the Japs was supplemented by catching grasshoppers, lizards, and even rats—anything eatable.

In June, 1944, he was again transferred back to Luzon in the hold of a small ship and was held at Cabanatuan until October, 1944, when he was transferred to Bilibid Prison in Manila from where he sailed to Japan on December 13, 1944. They were jammed into the stifling hot hold of the ship without water or salt and with only a few spoonfuls of rice a day. Many went mad or died of suffocation, but he survived that. The ship was torpedoed and one thousand of the sixteen hundred on board lost

their lives but he survived that. They landed in Japan in a blizzard and some were dressed only in shorts. Most of them became sick then and died. After the long years of suffering and humiliation and torture, it was finally too much.

Col. Beard, who was with "Jimmy" in the prison camps, wrote to his wife recently, saying how much they all thought of him and said that Jimmy's character and spirit held up throughout the time he was with him without a single letdown. He had a long talk with him the night before he sailed for Japan. Jimmy made many friends in the prison camps and many released prisoners have written his wife saying that his morale was always high, and he was continually helping others over the rough spots.

Jimmy loved the outdoors—picnicking, camping, and hunting. He hunted quail on the desert around Tucson and deer in the surrounding mountains. He had the ability to get along with people, whether on the Faculty at the University of Arizona, at the Church, or in a Japanese prison camp.

His wife and two children, Susan Kay, 9, and Tommy, almost 7, are living in the home he designed—a red brick English style house.

Col. Geo. W. Wray Awarded Legion of Merit

The Legion of Merit has been awarded to Col. George W. Wray, U. S. Signal Corps, for outstanding services as commanding officer of the Dayton Signal Depot, Dayton, Ohio, and as commanding officer of the Storage and Issue Agency, Philadelphia, Penn.

Col. Wray was formerly a resident of Sumter, Columbia, and Charleston, S. C., and of Charlotte, where he was

an official of the Southern Bell Telephone Co. When he received his promotion to colonel on December 23, 1943, he was the youngest colonel in the Procurement and Distribution Service of the Chief Signal Office.

The presentation was made by Maj. Gen. H. C. Ingles, Chief Signal Officer in The Pentagon Building at Washington.

The citation accompanying the award, after referring to Col. Wray's services as Commanding Officer of the Dayton Signal Depot from August 1942, to September, 1944, and as Commanding Officer of the Storage and Issue Agency at Philadelphia from September, 1944, to August, 1945, recites:

"In the former position he administered the distribution of aircraft communications material to the various theaters of operation, accomplished during his tenure the expansion of depot storage facilities, the establishment of repair installations, and the development of procedures to expedite requisitions.

"At the Storage and Issue Agency he improved stock-handling methods, regulated stock levels with great skill, and insured the rapid processing of requisitions for essential combat needs."

Col. Wray is a native of South Carolina. He entered the service in February, 1942. He was graduated from N. C. State College in 1925. He is now on terminal leave and will go on inactive status December 1st. He is spending a vacation in North Carolina and South Carolina, after which he will report to the Southern Bell headquarters at Atlanta, Georgia, where he expects to take a short refresher course before returning to the Carolinas.

Colonel Kenneth Daniel Receives Appointment

With his recent appointment as acting ordnance officer of Gen. Patton's Third Army, Lt. Col. Kenneth Daniel, Mu '36, has won the distinction of being the youngest officer ever to direct any of the ordnance sections assigned to each of the six American armies in the European theater, according to an Army public relations dispatch from that theater.

Col. Daniel, who is only 31 years old, assumed the direction of Third Army Ordnance in mid-April upon the illness of Col. Thomas Hay Nixon, who is now recuperating in Southern France, the dispatch said.

A reserve officer since his graduation from the University of Alabama in 1936, and formerly foundry foreman for the American Cast Iron & Pipe Co. in Birmingham, Alabama, Col.

Daniel was called to active duty in November of 1941. He arrived in the United Kingdom in March of 1944 as chief of the Third Army's Ordnance Maintenance Section, and spent much of his time before D-Day in helping formulate ordnance for the invasion.

His appointment to his present assignment came just as Gen. Patton's forces were running roughshod over the rapidly disintegrating German armies, a situation that accentuated the strains and stresses on ordnance services along lengthening lines of communication.

Mrs. Daniel, the former Virginia Simpson, and their two children are residing with Mrs. Daniel's mother in Florence, Alabama.

—Bamma Beam

Lt. Edward H. Koepke Went Back on Luzon

First Lieutenant Edward H. Koepke, Delta '44, went back on Luzon, after supervising the moving of a weather station from Biak. He went back to his intelligence work again and according to the news we got over the radio his outfit did a fine job. His home is at 2995 Corydon Road, Cleveland Heights, Ohio.

—Case Alumnus



Robert Wm. Greer on Duty in Norfolk, Virginia

Robert William Greer, Theta '40, Lieutenant U.S.N.R., has reported for duty on the staff of Rear Admiral C. F. Bryant, U.S.N., Commander, Operational Training Command, U. S. Atlantic Fleet, in Norfolk, Virginia. Lt. Greer now is attached to a task group of an outlying Atlantic Base. A veteran of overseas service, Brother Greer wears ribbons for the American Theater, Asiatic-Pacific Theater, Philippines Liberation with one star, and the Purple Heart, for injuries suffered during the Leyte invasion. He has

served chiefly in the southwest Pacific as a communications watch officer. His last overseas duty was on the staff of a cruiser division. Before entering service in September, 1942, he was a member of the technical sales department of the Eagle-Picher Lead Co. of Cincinnati, Ohio. He attended Hempstead High School in Hempstead, New York, and was graduated from Columbia University with an engineering degree in 1942. He is married to the former Evelyn F. Frye of Garden City.

Harry R. Dahlberg an Engineering Officer

Lt. (jg) Harry R. Dahlberg, Alpha '43, is an engineering officer on a destroyer escort and, off duty, is an unofficial ambassador for the American Foundrymen's Assn. During the past 18 months, Lieutenant Dahlberg has visited a number of foundries in the British Isles and the Mediterranean

area. While visiting London, Lieutenant Dahlberg became acquainted with several outstanding British foundrymen and was the guest of V. C. Faulkner, Editor of Foundry Trade Journal, and past president of the Institute of British Foundrymen. His wife and daughter live in Minneapolis.

Walter Wilson Decorated

At a recent ceremony held on an AAF B-17 Flying Fortress airdrome in southern Italy, 1st Lt. Walter S. Wilson, Mu '43, 62 Norwood Circle, Birmingham, Ala., was decorated with the Air Medal "for meritorious achievement in aerial flight while participating in sustained operational activities against the enemy."

The 22-year-old navigator is a veteran of 13 combat sorties over vital priority targets in Germany, Italy, and the Balkans. Arriving at his overseas station five months ago, he flew

his first combat mission on Dec. 20, when his group bombed an oil storage depot at Regensburg, Germany.

Lt. Wilson was graduated from the University of Alabama, as a mining engineer, in 1943. He entered the Army on March 25, 1943, and won his wings at Ellington Field, Texas, on July 22, 1944, subsequently leaving the United States in November.

His parents, Mr. and Mrs. W. D. Wilson, Sr., reside at the Birmingham address, and his wife, Mrs. Elizabeth H. Wilson, resides in Gadsden, Ala.

—Bamma Beam

Major William G. Reynolds Decorated

Major William G. Reynolds, Mu '38, was decorated with an Oak Leaf Cluster to the Bronze Star for planning an assault on a heavily defended section of the Siegfried Line which resulted in the objective being taken rapidly with a minimum of losses. This medal was awarded on the 22nd of February.

At that time Major Reynolds was attached to Simpson's Ninth Army having served under General Patton

during the Normandy and St. Lo, Eure-Seine campaigns and with General Hodge's First Army after the liberation of Paris through the battle of Aachen and the "Bulge."

The Major was S-3 on the general's staff of the Fifth Armored Division and, at the time of this report, had been overseas fifteen months, ten of which were spent in actual combat.

—Bamma Beam

Roy Drier Back at Houghton

Roy W. Drier, Beta '21, now on inactive duty status as Lieutenant Commander in the U. S. Naval Reserve, is back on the faculty of Michigan College of Mining and Technology after four years. Switching from the Army in which he served during the first World War, he enlisted in the Naval Reserve in 1934 and in 1941 was in Washington as metallurgical consultant with the Bureau of Ordnance for six months. After a tour

of duty as inspection officer of the 15,000 square-mile Bethlehem, Pa., district, he was transferred to Detroit as technical assistant to the inspector of naval materials for that district. He served as the Navy representative on a W. P. B. task committee dealing with foundries, receiving high commendations for his work. Mr. Drier is also Secretary-Treasurer of the Upper Peninsula Section of the Institute now that his duties permit.

Miles A. Kinley a Lieutenant Colonel

Miles A. Kinley, Lieutenant Colonel, was with the Inspector General's Department in Italy, who had their headquarters somewhere in the vicinity of Naples. He had the above picture taken to prove to his friends in Theta Tau that he had not "gone native." Brother Kinley spent his undergraduate days at the Carnegie Institute of Technology, where he received his degree in 1932.

—Carnegie Alumnus



Albert Stevens Returns to Texas

Albert B. Stevens, Epsilon '27, Lieutenant Colonel, returned to College Station, Texas, in August to begin a sixty-day leave, after which he will be released from the Army in which he has served since January, 1942. Colonel Stevens is on leave from Texas A. & M. where he is professor of petroleum engineering. He has been

a member of the A. & M. faculty since 1934. Most of his service overseas was with the military pipeline service as chief of the construction branch, his principal task being to furnish engineering supervision in the construction of pipe lines furnishing petroleum to the armed forces.

—Mining & Metallurgy

Lieutenant Commander Harry Vought Honored

Lieutenant Commander Harry Vought, Jr., Pi '26, U. S. Navy, has been confirmed as Associate Fellow of the Institute of the Aeronautical Sciences.

Commander Vought is the Bureau of Aeronautics Representative at College Point, and has jurisdiction over Edo Aircraft Corp., College Point, Glidden Buick-Aircraft Parts Division, Broadway at 124th St., New York

City; B & H Aircraft Corp., Brewster Bldg., Long Island City; and Hangar "S", Roosevelt Field, Ranger Aircraft Engines.

Commander Vought is a member of one of the most distinguished of pioneer aircraft manufacturing families, responsible for the production of the Navy Fighter—the "Corsair". His home is at 15 North Drive, Malba, New York.

Ralph May is Honor Man

The member of the Class of 1944 whose influence was deemed most beneficial to fellow students was announced at the Kansas University Honors Convocation June 12, as Ralph Waldo May. Ralph has been a Private in the Army, stationed with a replacement company in Manila. He is a graduate of the University of Kansas. While there his grade average for his entire course in Aeronautical engineering was 2.95 of a possible 3.00, which is seldom equaled in the School of Engineering. In addition to his studies, he was a member of the Student Council, was in the Ku Ju's and edited the *Kansas Engineer*. His last place of honor was that of toastmaster at the senior breakfast. After graduation he was assigned to do special research at Langley Field, but soon was inducted and then trained as an infantryman, cavalryman, and artilleryman. Now he is doing clerical work. On receiving notice of his selection as Honor Man he wrote, "I have been somewhat depressed by my obvious misassignment in the Army, but



the honor encourages me and reminds me of all that is awaiting when I return to civilian life. I have a great responsibility in living up to the standards of a K. U. Honor Man. I shall endeavor to fulfill all the obligations."

—*Graduate Magazine*

Wm. de Carbonel's Family Back in the U. S.

The story of how a family of five spent three years dodging the Japanese as the family struggled for existence on the beaches and in the jungles of half a dozen remote Philippine islands has been told by Mrs. Betty de Carbonel, wife of William Leon de Carbonel, Epsilon '28. She was living with her husband and their three small children on tiny Buruanga island at the outbreak of the Pacific war. The family decided to risk the journey when they heard rumors that the Japs were going to land on the island. Dis-

ease hampered the little family and they had many narrow escapes from the enemy. When they finally reached safety Bill went to the authorities and said that he would like to send his family home and get in on the rest of the war. As he was a naval reserve officer both requests were granted. He is now on duty in the South Pacific as a Naval Lieutenant. Mail should be sent c/o Mrs. Jean de Carbonel, 2912 Claremont Ave., Berkeley 5, California.

Kenneth D. True Chief of the Artillery Small Arms Branch

From the Public Relations Branch of the Army Service Forces, Cleveland Ordnance District, comes the announcement of the promotion of Captain Kenneth D. True, Gamma '35, to the rank of Major. He is now on active duty with the Cleveland Ordnance District as chief of the Artillery Small Arms Branch.

Major True received his basic and advanced officer training in the R. O. T. C. at the Colorado School of Mines, graduating as 2nd Lieutenant in the Corps of Engineers.

Until 1941 he was associated with the National Tube Co. in Lorain, Ohio, as metallurgist, training and supervising in open hearth, bessemer, booming and rolling mills, foundry,

seamless and butt weld tubing mills. He also gained some experience with his company in statistical control.

In April of 1941, he was called to active duty with the Cleveland Ordnance District where he was promoted to 1st Lieutenant in June 1941, and raised to the rank of Captain in December 1942.

The Cleveland Ordnance District of the Army Service Forces includes 58 counties in northern Ohio and Pennsylvania and handles contracts covering the supply of material vital to the Nation's war effort. During the past year this district turned out three billion dollars worth of fighting equipment.

—*Mines Magazine*

Henry J. Stockard Wounded

Henry Jerome Stockard, Rho '43, of Raleigh, North Carolina, who recently was promoted to 1st lieutenant in the Army, was wounded seriously in action with the First Army near Cologne on March 1, 1945. Lt. Stockard, who wears the Combat Infantryman Badge, received his officer's train-

ing at Fort Benning, Ga. He is a graduate of Broughton High School and North Carolina State College. Lt. Stockard is the son of Mr. and Mrs. H. J. Stockard of 705 Hillsboro St., Raleigh, N. C. His wife is the former Miss Eugenia Marshburn.

Nevin Wetzel Receives Oak Leaf Cluster

Award of the Oak Leaf Cluster to the Bronze Star Medal to Lieutenant Colonel Nevin F. Wetzel, Gamma '34, son of Mr. and Mrs. Walter N. Wetzel of 159 N. 4th East, Price, Utah, has been announced by the headquarters of Major General R. B. McClure, Palo Alto, California, commander of the U. S. Army's Chinese Combat Command. A member of the Corps of Engineers, the award was presented

"for meritorious service during the period December 2, 1944, to August 8, 1945." A graduate of the Colorado School of Mines, Golden, Colorado, in 1934, he is a member of the Sigma Phi Epsilon and Theta Tau fraternities, also the Colorado School of Mines Alumni Association, Denver, and of the Rocky Mountain Coal Mining Institute, Denver.

Don Dutton on Helicopter Advisory Committee



Don Dutton, Iota '35, director of the Daniel Guggenheim School of

Aeronautics, Georgia School of Technology, Atlanta, Ga., has been appointed to the sub-committee on helicopters of the National Advisory Committee on Aeronautics. The function of the sub-committee is to advise the NACA on their theoretical and experimental research and testing program and to make recommendations and criticize the work. Don graduated in Mechanical Engineering in 1935 and while at the Missouri School of Mines he was a member of Phi Kappa Phi, Tau Beta Pi, and Theta Tau fraternities.

—Mo. School of Mines Alumnus

Wm. Vanderburg to South African Advisory Post

William O. Vanderburg, Beta '23, who served with the U. S. Bureau of Mines in Reno, Nevada, for 12 years moved with his wife and two children to Pretoria, South Africa, to become

foreign minerals attache for the state department. For four and a half years he held a similar post with the U. S. embassy at Lima, Peru. The South Africa assignment will be for two years.

Jens Norgaard Decorated

A Ninth Air Force Bomber Base, Belgium.—The Croix de Guerre with Palm has been awarded to Lieutenant Colonel Jens A. Norgaard, Omicron '41. Col. Norgaard served as group operations officer. The medal, awarded to him "for exceptional services of war rendered in the course of operations for liberation of France," was presented to him at a special ceremony held at Tirlemont, Belgium. Brigadier General Richrad C. Sanders, 9th Air Division chief, made the presentation on behalf of the French government. Col. Norgaard's group, the 344th, was

the first medium bombardment unit to hit the French coast on D-Day and led other groups of the U. S. Ninth Air Force on attacks which opened up breakthroughs, leading to the rout of the enemy forces in France. A State University of Iowa alumnus, he is a member of Theta Tau and Pi Tau Sigma, engineering fraternities. His wife, Mrs. Mary Jo Norgaard, resides with his mother at 918 North Dodge Street, Iowa City, Iowa. Jens has now returned to Iowa City and is at present trying to decide which of several jobs to take.

Bernard R. Tarrant a Commander

Bernard R. Tarrant, Psi '37, who has been serving aboard the aircraft carrier U.S.S. "Saratoga" somewhere in the Pacific for the past 41 months, was recently promoted to the rank of Commander. He is the First Lt. and Damage Control Officer. Commander Tarrant was a sales representative for the Ingersoll-Rand Co. before going into the service and he plans to return to work for the company when he is released from the Navy.

—*Mining & Metallurgy*



Lt. Col. Mark Sumner Promoted

Word has come that Lt. Col. Mark Sumner, Rho '26, has been promoted to the rank of full colonel. Col. Sumner has been stationed at Camp Gruber, Okla., having moved his headquarters there from Fort Riley, Kansas. He is inspector general of the 36th army corps, a position he has held since July, 1944.

Mrs. Sumner and their three sons live in Weaverville. Col. Sumner is a graduate of the Asheville high school and North Carolina State College where he received a B.S. degree in Mechanical Engineering in 1926.

He served for several years as army inspector with the CCC camps and was called into service with the 47th Infantry, Ninth Division, at Fort Bragg in December, 1940. He was adjutant of the reception center at Fort Bragg for several months before being sent to Atlanta with the inspectors general's department. He has since been stationed at Fort Leonard Wood, Mo., and Camp Breckenridge, Ky., where he was inspector general of the 75th division before being assigned to the 36th army corps and sent to Fort Riley.

Thomas E. Haynes Receives Medal

Thomas E. Haynes, Rho '41, of Burlington, N. C., was promoted to major at his station in France where he has served as liaison pilot with the Field Artillery. He was recently awarded the Air Medal for "meritorious achievement while participating in aerial flight."

He entered the army in April, 1942,

prior to which he was an apprentice engineer at Vaught-Chance Aircraft in Stratford, Conn. He was graduated from N. C. State College in 1941.

He is the son of the late Mr. and Mrs. R. E. Haynes of Burlington. Major Haynes' wife, the former Lyda Carroll of Raleigh, and daughter, Judy, are making their home in Burlington.

—*State College News*

In Memoriam

Norbert Sylvester McKenna, Epsilon '36, 1st Lieutenant 202 Combat Engineers, U. S. A., was killed in action on Bataan on or about April 7, 1942, a few days before the surrender. His body was not recovered but the War Department has reported that on that day he was seen mortally wounded in his fox-hole in a section over-run by the enemy about that time. Norbert graduated as a mining engineer at the University of California in 1936 and almost immediately thereafter went to the Philippines to enter the employ of the Antamok Goldfields Mining Co. at Baguio on Luzon; and with the exception of a short period when he was with International Engineering Corp., in Manila in 1941, he was with that company in Baguio until he joined the army a few days after Pearl Harbor as did almost all the young engineers in that section. Dion Gardner, Epsilon '30, informed the Grand Scribe that Norbert visited him at his mine on December 7, 1941, and they spent the morning underground. The news of Pearl Harbor upset them all and Norbert left that afternoon for Baguio. Dion saw him again as he was leaving with his troops for Bataan and he was cheerful enough. His work was blasting bridges and blocking roads which helped so much in delaying defeat. Norbert was a fine Theta Tau and a most promising young engineer. When we "remember Bataan" let us also remember this fine brother who died there. His parents and a sister, living at 2121 Roosevelt Ave., Berkeley, California, survive him.

Adolphus Eugene Christensen, Lambda '18, aged 34, died in Salt Lake City on October 24, 1945, from internal injuries received when his horse fell on him while out hunting about a week previous to his death. He was born on April 22, 1891, the son of Peter and Anna White Christensen in Davis County, Utah. He graduated from the University of Utah receiving his B.A. in engineering there and later received the C.E. degree at the University of Wisconsin in 1922. At the time of his death, he was a partner in the firm of W. E. Ryberg Construction Co., where he supervised the construction of the Geneva Steel Plant and the Wendover airfield. He was also President of the Wasatch Livestock & Loan Co.; President of the Intermountain Branch of the Associated Constructors of America; a past president of the Salt Lake City Rotary Club and of various offices in the Intermountain Alumni Association of Theta Tau. Active in all community affairs, he was an outstanding citizen of Salt Lake City and his sudden death was a shock to all of his friends and admirers.

In 1914 he married Catherine Burton who, with three sons and daughters, and three brothers survive him. He was a member of Tau Beta Pi and various technical societies of Utah.

Karl Howard Schilling, Epsilon '17, died suddenly at his home in Houston of a heart attack in the night of July 17, 1945. He was the son of the late Prof. Hugh Karl Schilling of the University of California, and received his degree in geology there in 1917. In 1918, he received his master's degree. He joined the armed forces of the country and was discharged in November 1919. He then joined the staff of the Shell Oil Co., and worked for it and for its subsidiaries in Venezuela, Peru, California, Utah, Michigan, and Oklahoma before coming to Houston, Texas, as a research geologist for the company in 1941. At the time of his death, he had been with the company more than 25 years. The family home was at 3223 Sunset Blvd., Houston, Texas. He is survived by his wife, two daughters, and a sister. He had a friendly and jovial personality and his passing is mourned by those who knew him and were associated with him.

Robert Leonard Tempest, Gamma '42, Captain, U. S. Army, was killed in an airplane crash on February 6, 1945, while on a training gunnery mission at the Ranchi Range about 17 miles west of Ranchi, India. The crash, which killed him instantly, occurred immediately after he had fired on his target. Brother Tempest, 27 years of age, was born in Salt Lake City where his father, Rone B. Tempest, was manager for the Kennecott Copper Co. He attended the University of California for one year and came to the Colorado School of Mines in 1939, leaving at the end of his Junior year in May 1941 to enter the Service. He took his primary training at Thunderbird Field, Arizona, where he received his wings and commission in December 1941. Then he was sent to Tallahassee, Florida, and to the Canal Zone, returning to Tallahassee in August 1942 to be married to Miss Carolyn Inman and shortly afterwards went overseas. He was awarded the Air Medal after 25 combat missions carried out over occupied China, Burma, and Indo-China. In May 1943, he was awarded the Distinguished Flying Cross after completing over 50 combat missions. He was credited with shooting down a number of enemy planes. Surviving are his wife of Tallahassee, his mother, Mrs. R. B. Tempest, 305 Franklin St., Denver, Colorado, and four brothers, three of whom are in the armed forces.

Dorsey Alfred Lyon, Hon. Nu, former chief metallurgist of the U. S. Bureau of Mines and Palo Alto community leader died at his home in Palo Alto, California, of a heart attack on October 16, 1941. He was born in Bureau County, Illinois, July 17, 1871, the son of Walter S. and Sarah McKune Lyon. He was educated at Leland Stanford receiving the degree of A.B. in 1898. Harvard gave him an A.M. in 1922. After graduation he was an instructor in mining and metallurgy at the University of Washington and then assistant professor there until 1900. After leaving Harvard he was with U. S. Smelting in Salt Lake City for a time and then Assistant Professor of Metallurgy at Stanford until 1907 when he became manager of the Noble Electric Steel Co. at Heroult, California, and the consulting metallurgist in London, England. He joined the staff of the U. S. Bureau of Mines in 1913 and at the time of his leaving the Bureau in 1926 was assistant director. He then became supervisor of the station in Salt Lake City and remained there until he retired some ten years ago. He was one of the pioneers in electric furnace work. After moving to Palo Alto, he became much interested in community work and was active in the community recreation committee. He was chairman of the city's youth council and president of the Boy Scout Council. During the period that he was in Utah he was chapter adviser of Lambda Chapter which held its meetings at his home. He was also a member of Tau Beta Pi, Sigma Xi, and Phi Kappa Phi. His sister, Mrs. Lora Fonburg of Palo Alto, survives him.

William Albert Brown, Rho '42, Major, U. S. Army, was killed in action in Germany on March 24, 1945. He was a glider pilot in a Troop Carrier Command of the 9th Air Force, and entered service in June 1942. He went overseas in December 1943, and was stationed in England for some time. He had been awarded the Distinguished Flying Cross, the Air Medal with clusters, the Bronze Star and the Presidential Unit Citation. His widow, the former Louise Morton of Greensboro, a small daughter, Mariam, and his parents, Mr. and Mrs. Albert Brown, 2305 Market Road, Wilmington, North Carolina, and two sisters survive him. He had a brilliant record in college and was a popular student whose untimely death is mourned by all who knew him.

James Beverly Sibert, Rho '42, died in an airplane crash on December 21, 1943, in Alaska, but his body was not found until some months later. He was on a test flight when the bomber went into a tailspin, caught fire and exploded; he was buried under the

plane wreck. Funeral services were held at Ladd Field on April 5, 1944. He graduated in May 1942, and was called to active service in June 1942. Prior to going to Ladd Field, Alaska, he was stationed at Wright Field, Dayton, Ohio. He was the son of Mrs. Walter Sibert, of Norfolk, Virginia. He was a Lieutenant in the Air Corps at the time of his death.

Kenneth Louis Stafne, Phi '42, Lt. (jg) USNR reported "Missing" after a Naval engagement in the South Pacific area in 1943, has now been officially reported killed in action by the Navy Department. He graduated at Purdue in 1942 and entered the Navy immediately. He was the son of Mr. and Mrs. A. E. Stafne, 1116 East 7th St., Duluth, Minnesota.

Raymond Tardin Napier, Zeta '40, Captain, U. S. Army, first anti-aircraft officer to land in France on "D" Day, is now reported to have been killed in action in France on July 21, 1944. He came to the University of Kansas from Morris Plains, New Jersey. While in college he was a member of the varsity baseball team and was elected to Sigma Tau honorary scholastic fraternity. He was also a member of the men's student council. He was Regent of Zeta in the college year 1939-40 and the official delegate to the 1939 Convention. Surviving are his wife, two children, and his mother, Mrs. Zoe Napier, of New York City.

Benson Hayward Edwards, Lambda '43, Captain U. S. Airforce, aged 23, was killed August 20, 1945, in a plane crash 12 miles northwest of McAllister, Oklahoma. Details are lacking but it is believed that he was on a cross-country flight from Elgin Field, Florida, where he had been stationed since he returned from England in March. He was awarded the Distinguished Flying Cross, the Air Medal with two Oak Leaf clusters, and four major campaign ribbons. Benson was born in Provo, Utah, on May 18, 1922, where his father was manager of the Telluride Motor Co. The family moved to Salt Lake City in 1934 and he completed his schooling at the East Side High School. He enlisted in the Airforce in 1942, and went to England as a B-17 pilot in November 1943 where he was a member of the 95th Bombardment Squadron of the 8th Airforce. He completed 30 missions over Europe including the first daylight bombing of Berlin in 1944. After his return from England, he was engaged in aviation development at Elgin Field. Surviving are his parents, Lt. Col. and Mrs. L. R. Edwards, 1229 10th St., East Salt Lake City, a brother Robert H. Edwards with the air corps in India, and a sister Elizabeth attending UCLA.

Homer Dahnke Erwin, Epsilon '30, died after a sudden illness on September 10, 1945, age 41. After attending high school in Southern California, he entered the University of California and was graduated in 1930 receiving the degree of B.S. in Economic Geology and Mining Engineering. In the summers of 1929, 1930, and 1931, he made a geologic study of the mineral deposits in northeastern Madera County for the State of California Division of Mines. From 1932 to 1934 he was located at Jackson on the Motherlode, and then until 1936, he was in charge of a mine in Shasta County. He again entered the employ of the California State Division of Mines and wrote a geological report on various mining districts in Lassen County.



In the summer of 1939, he went to South America, doing geological work for the Mauricio Hochschild interests for the late Val De-Camo (Gamma '08) and for the Patino Mines in Peru. He returned to the states in 1940 and helped make a report on the Calico district for the Division of Mines, and in 1941 made geological examinations and directed work at the Mexican Candelaria Mines at Comara Estaca and for New York Honduras & Rosario Mines in Honduras. On his return he was busy with other examinations in Missouri and northern Mexico. From September 1943 until February 1945, he was with Union Mines Development Co. in Grand Junction, Colorado. He was the author of some fourteen or fifteen bulletins and articles on mining districts and mineral deposits, and was an able geologist whose untimely death is mourned by all of his friends. He was helpful in organizing the Los Angeles Alumni Association and attended all of its meetings when in the country. He is survived by his mother, who lives at 184 N. Arroyo Parkway, Pasadena, California.

Samuel Behrens Myers, Gamma Beta '44, Lieutenant (jg) U. S. Naval Air Corps Reserve, was killed in an air crash near Smyrna, Tennessee, on June 14, 1944. He was born November 24, 1910, and attended Drexel Institute in Philadelphia before coming to Washington to study mechanical engineering at

George Washington University, in 1939. He left Washington in August 1942 to be an instructor of army flying cadets at the training center near Douglas, Georgia, as he had a commercial pilot's license. On November 16, 1942, he was commissioned a Lieutenant (jg) in the Naval Reserve and was sent to Corpus Christie, Texas, for training. On March 15, 1943, he reported for duty at the Naval Air Station near Atlanta, Georgia, and while engaged in teaching long range flying, he and four others crashed while he was trying to land his ship to avoid the backlash of a tornado. His body was returned to Washington and he was buried with full military honors in Arlington Memorial Cemetery. He was the son of Mrs. Laura B. Myers, 4101 8th St., N.W., Washington 11, D. C. One of his classmates has written that he was truly a living example of the concepts embodied in Theta Tau. Loyal, honorable, and truthful, he was a fine brother in the Fraternity.

Burney Gustav Egemo, Omega '41, was killed in a fire in the Braden Copper Company's mine at Sewell, Chile, South America, on June 19, 1945. The fire broke out in the underground repair shop early in the morning and spread to some fuel or lubricating oil stored nearby which exploded. The gases were exceedingly toxic and the explosion very violent. Workmen were found dead with sandwiches in their hands. Over 500 men were killed and it was one of the worst disasters in the recorded history of metal mining. Brother Burney was born in Rapid City and graduated with the degree of engineer of mines in 1941. In September of that year, he became shift boss of the Braden Copper Company's El Teniente mine and at the time of his death was assistant mine foreman. He was a member of Sigma Tau and of the A. I. M. E. Funeral services were held in the Union Church in Chile where he was buried. He leaves a wife and son in Chile. The Santiago newspapers spoke highly of his heroism for he was killed returning to the exit through which he had lead most of his men, in order to hunt for two missing members. All were killed in the violent explosion of gases shortly after they started back.

Norris Phillip O'Neal, Upsilon '32, lost his life when the Japanese prison ship on which he was being transferred to Japan from the Philippines was sunk on December 15, 1944. He was a captain in the artillery and fought on Bataan. Before he joined the army as a reserve officer in 1941, he was the owner and operator of the Hope Pottery Co., in Hope, Arkansas. He graduated in Civil Engineering and was a member of Scabbard & Blade. His parents, Mr. and Mrs. N. P. O'Neal of Hope, Arkansas, survive him.

Eugene Alfred Riker, Beta '10, died in Bay City, Michigan, on January 13, 1945. He was the son of the late Dr. Eugene Riker of Flint, Michigan, and of Mrs. Minnie Riker. He attended the Michigan College of Mines for a time but left before receiving a degree. He was at Olivet College from about 1907 to 1909 and obtained a teacher's certificate. He majored in mathematics and was a member of an honorary fraternity there. Some years later he attended the University of Chicago and then the University of Michigan where he earned a B.S. degree. At the time of his death, he was principal of the Handy High School in Bay City. He served in World War I in the air corps. His sisters and mother survive him.

Ralph Lawrence Blair, Gamma '44, Ensign USNR, died in Los Angeles, Calif., on November 23, 1944, after an operation for a ruptured appendix. He graduated as a Petroleum Engineer in 1944, and went to Port Arthur, Texas, to work for the Texas Co. While there he was married to his high school sweetheart and in October 1944 received a commission as an ensign in the U. S. Naval Reserve. He and his wife were visiting his mother in Los Angeles prior to his departure for Boston for training, when he was stricken on November 17th and operated on the next day. Unfortunately it was too late to prevent his untimely death. He was buried in the cemetery in Inglewood, California. His wife, and his mother, Mrs. Maude J. Blair, 1910 Leighton Ave., Los Angeles 37, California, survive him. He was also a member of Tau Beta Pi.

Fletcher Hedgeman Wood, Gamma '16, died in Bilibid prison in Manila on January 6, 1945, of malnutrition and beri-beri. He had been a prisoner in Cahanatuan and was removed by the Japs to Bilibid shortly before his death. He was buried in Manila. At the time of the surrender he was a civilian employee of the Adjutant General's office and had started that work when the war commenced. Fletcher came to the Colorado School of Mines from Yale University and left college before graduation to join the army, after working for a short period of time in Metcalf, Arizona. He was a 1st Lt. in the Infantry in World War I. After the war he was in the Belgian Congo in Africa for some time. In 1923, he was field superintendent of the Cia de Gasy Combustible at Panuca, Mexico, and in 1925, accepted the position of superintendent of the Florence Mine in Goldfield, Nevada. After some years in Nevada, he completed examination work for clients in New Mexico and then went to Korea to work for Oriental Cons. When that company was ab-

sorbed by Japanese interests, he left for the Philippines and was employed by various companies there until war broke out. He left a host of friends in the mining profession who mourn his untimely and cruel death.

John Augustine Forsyth, Upsilon '43, was killed in an airplane crash in Germany on May 28, 1945. He was born in Mena, Arkansas, June 24, 1921, the eldest son of C. J. Forsyth and the late Iola Thinnies Forsyth. He was educated at St. Joseph's Academy and Mena High School and then entered the University of Arkansas to study chemical engineering. He was a Lt. in the R.O.T.C. and joined the Air Corps at Camp Robinson in May 1943. After training at various fields, he won his wings at Eagle Pass, Texas, September 8, 1944. After completing glider training at Lubbock he sailed for England November 14, 1944, and was assigned to a C-47 base. He participated in the Rhine invasion and continued in the transport duty until he was assigned to a fighter squadron when his untimely death occurred while in special training near Frankfurt for service against Japan. Memorial services were held on June 28, 1945, in Mena, Arkansas. Just before going overseas he was married to Betty Ann Lyle of Mena in September 1944, who, with his father, a brother Jobill, a sister, Maryann Forsyth Barrett, and his grand-parents survive him.

Louis Paul Bartholomees, Gamma '32, Captain, U. S. Army, was killed when the Japanese prison ship in which he was being taken to Japan, was torpedoed on December 15, 1944. He was 40 years of age at the time of his death. He was a graduate of the Manual Training High School in Denver and attended the University of Kansas before transferring to the Colorado School of Mines where he received a degree of Engineer of Mines in 1932. After employment with various mining companies in the United States and South America, he went to the Philippine Islands in 1938 and at the outbreak of the war was with United Paracale Mining Co., in Camarines Norte. Being a reserve officer from R.O.T.C. days, he joined the army immediately and fought on Bataan until the surrender. He was a prisoner at the infamous camp of Cabanatuan until shortly before the daring rescue was made when he was transferred with other prisoners to be shipped to Japan. Surviving are his mother, Mrs. Marcelle Bartholomees, of 258 South Monroe St., Denver, Colorado, a brother, George, in Missouri and a sister in Denver. His father was the late Chas. S. Bartholomees, an engineer with the city water works in Denver. Memorial services were held at St. Johns Church in Denver on August 1.

Richard F. Storberg, Alpha '40, died in an airplane accident October 18, 1944. He was on a mission to Wilmington, Delaware, to pick up several officers and developed engine trouble three minutes out of airport and could not get back to field. The plane caught fire but all five bodies were thrown completely clear of the plane and not burned. He was engaged in flying army officials about the country. He received his basic training at Kutztown, Pa.; San Antonio, Texas; at the Jones Field, Bonham, Texas; Perrin Field, Sherman, Texas; and Ellington Field, Houston, Texas. On March 13, 1944, he was commissioned a Lieutenant in the Army Air Force combat pilot class. He is survived by his wife, Beverly, who resides at 216 East Ravenwood Ave., Youngstown, Ohio, his father and sister of Lawrence, Mass., and two uncles of St. Paul, Minn.

William Robert Sutherland, Beta '45, was killed in action on February 4, 1945. He left Houghton in the fall of 1942 and joined the air force but owing to a defect in vision could not fly so changed to the ground forces. He was at Camp Atterbury, Indiana, until August 1943 when he was sent to ASTP at the University of Cincinnati. When the ASTP was discontinued he had been accepted as an air cadet but was later again transferred to the infantry. He went overseas in October 1944. At the time of his death he was a staff sergeant of the 68th Armored Infantry Battalion and had participated in many battles. He was carrying a reel of wire when an enemy shell struck about five yards away and he was killed instantly. He had a fine personality and was well liked by the men in his platoon, practically all of whom attended the simple services held by the army Chaplain. He was the son of Edward and Florence Sutherland, 16302 Nela View Road, East Cleveland, Ohio.

Robert Delos Proctor, Epsilon '41, 1st Lieutenant, U. S. Army, lost his life on October 24, 1944, when the Japanese prison ship on which he was being transported was sunk off the coast of China. He came to the University of California from Nevada City where his father, the late I. O. Proctor was mill superintendent of the Lava Cap Gold Mining Co. He graduated as a mining engineer in 1941 and, having a reserve commission, joined the army immediately. He fought on Bataan and spent over two years in the infamous prison camp of Cabanatuan and was then removed with a large number of other prisoners to be sent to Japan. A brilliant student, he was elected to both Phi Beta Kappa and Tau Beta Pi.

William Edward Mitchell, Gamma '35, Major, U. S. Army, was killed in action in Germany near Czechoslovakia, on April 12, 1945, while serving as staff officer with the 56th Armored Engineer Battalion of the 11th Armored Division with General Patton's army. Brother Mitchell was reared in Denver and entered the Colorado School of Mines after graduation from East High School. He received the degree of Metallurgical Engineer in 1935 and immediately entered the employ of the Carnegie Steel Co. at Munhall, Pennsylvania. The following year he left them to join the Oil Well Supply Co. of Houston, Texas. In 1941, he joined the armed forces and was stationed at Pine Camp, New York, and Camp Cooke, California, before being sent overseas in September 1944. He was with the 11th Armored Division when they made their 500 mile dash from the beach to assist other units in lifting the siege of Bastogne. Surviving are his wife and their son, Fred, at 7560 Elm St., Houston, Texas, his parents, Mr. and Mrs. Joseph Mitchell, 324 Josephine St., Denver, Colorado, and his brother, John, living in East St. Louis.

Mark McBrien, Iota '32, died from injuries received in a railroad wreck in Utah on June 7, 1943. He was a native of Shawnee, Oklahoma, and graduated as a mining engineer from the Missouri School of Mines in 1932. For some time he was employed as a design engineer by the Western Filter Co., in Denver, Colorado, and then was employed by the Dearborn Chemical Co. in California. At the time of his death he made his headquarters in Salt Lake City, Utah. He was the son of James McBrien, Route 1, Shawnee, Oklahoma.

Thomas Bayley Stevens, Gamma '43, has been reported killed in action. He was a Lieutenant in the U. S. Marine Corps.

Presley Leland Morehead, Jr., Gamma '41, aged 29, Captain, U. S. Air Force, was killed in an airplane accident on October 9, 1945, on Luzon, Philippine Islands. He had been overseas about three months. Serving as operations officer in the 319th bomb group of the 7th Air Force, he was leading a formation of pursuit planes when his motor failed, throwing the plane out of control. He was a native of Denver. In 1941 he graduated from the Colorado School of Mines with the degree of Metallurgical Engineer. He left employment with the Aluminum Company of America in 1941 to receive flight training at Kelly and Randolph Fields. His wife, Mrs. Lani Morehead, two children, Janet and Joe, and his mother, Mrs. Nell C. Morehead, all of 23 South Lincoln St., Denver, Colorado, survive him.

Samuel Davis Cunningham, Jr., Gamma '21, died in Salt Lake City, Utah, on July 15, 1945, from a heart attack. He graduated from the Colorado School of Mines in 1921, receiving the degree of Engineer of Mines and entered the employ of the Metals Exploration Co. After some years he joined the organization of The Crane Co. and was in Los Angeles until 1937 when he was made manager of the Salt Lake City branch and held that position at the time of his death. The family home was at 1785 Laird Ave., Salt Lake City. His wife, Elizabeth, a son, Samuel D. Jr., in the U. S. Navy, and a daughter, Ann, survive.

Verne F. Curtis, Alpha '22, died suddenly of a heart attack April 25, 1945, at his home, 3600 Foster Street, Evanston, Illinois. He had undermined his health by intense work under great responsibility on the supervision of construction of important chemical plants serving the United States armed forces. Born at Valley, Nebraska, Mr. Curtis moved in 1912 to Minneapolis, where he attended West High School and was active in athletics. While a student at the University of Minnesota school of engineering, he entered the armed forces during World War I and served overseas in France on an intelligence assignment. Re-entering the University of Minnesota after the war, he obtained his B.S. degree in Mechanical Engineering in 1922. Brother Curtis has a wide background of engineering experience with the city engineer department of Minneapolis and in 1929 went to Bahia, Brazil, for three years as resident engineer on a municipal project. He had responsible work with the engineering department of the city of Milwaukee for a number of years, and served as chief engineer for Marshall Field in Chicago. At the time of his death, he was connected with the International Minerals and Chemicals corporation of Chicago. He was a member of the Masonic fraternity, all affiliation, including the Shrine, being at Minneapolis, and belonged to the Evanston Legion Post. Surviving Brother Curtis are his wife, the former Mary McCormick; a son, Dick; a daughter, Kathleen; and a sister, Mrs. Vera Meili of Glendale, Calif.

Herbert Marcus Diers, Iota '27, died on March 20, 1939. He graduated as a Civil Engineer from the Missouri School of Mines and at the time of his death was employed by the Laclede Steel Co. He lived at 123 East Sixth St., Alton, Illinois. He was the son of Mr. and Mrs. George H. Diers who formerly lived in East Orange, New Jersey.

Lee James Talbot, Gamma '42, Captain, U. S. A., was killed in action during the invasion of Leyte, Philippine Islands, on October 25, 1944. He died instantly when a bomb dropped by a Japanese plane struck the gasoline and lumber dump where he and his men were working. He was a native of Kansas City and attended schools there. Before coming to the Colorado School of Mines he attended New Mexico Military Institute at Roswell from which he graduated. He graduated from the Colorado School of Mines in 1942 as a mining engineer and entered the army immediately after commencement. During his college years he was a star basketball player. He received training at Ft. Belvoir and then at various other camps and was put in command of "C" company 170th Engineer Combat Battalion at Camp Beale and Camp San Luis Obispo in California. He was sent overseas in August 1944. Besides his wife, Charlotte M. Talbot, he is survived by a daughter, Carol, two years old, and his mother, Mrs. Marjorie Talbot, 332 West 45th Terrace, Kansas City, Mo.

John Vern Kelly, Chi '35, 1st Lt. Signal Corps, U. S. Army, was killed in action on the island of Leyte, Philippine Islands during the battle of May 20, 1945, when our troops were cleaning out the last pockets of snipers. A native of Phoenix, Arizona, he graduated as an electrical engineer and at the time he joined the armed forces was employed by the Central Arizona Light and Power Co. He was the son of Mrs. Dora E. Kelly, Box 215, Route 12, Phoenix, Arizona. A fine student, he was a member of Tau Beta Pi and of the A.I.E.E.

Frank Raymond King, Chi '40, Lt. Col., U. S. Army, was killed in action on the island of Luzon, Philippine Islands, during the battle of April 22, 1945. He was a native of Tucson and joined the army in 1940 being an officer of the famous 1st Cavalry which is the outfit that liberated the prisoners at Santo Tomas in Manila. After being stationed for some time in Australia he participated in the battles for New Guinea and the Admiralty Islands. He was wounded at that time and received the Purple Heart. He landed on Iwo Jima in the early part of the Philippine liberation and was the first to notify the natives that we had returned. He then participated in the Luzon invasion and lost his life there. At college he studied civil engineering and was a member of Tau Beta Pi. He was the son of Mr. and Mrs. Frank R. King, 109 Olive Road, Tucson, Arizona.

MISSING IN ACTION

Carmelo P. Pelusi, Chi '42, 2nd Lieutenant, has been reported missing in action over Cassel, Germany. He was an Army Air Corps Pilot. His mother, Mrs. Mary Pelusi, lives at Morenci, Arizona. Her address is Box 563.

Everett C. Plummer, Nu '27, Lt. Col., U. S. Army, has been missing in action from his B-24 base in India since December 1, 1943. On March 12, 1945, a Silver Star and an Air Medal awarded to him for combat action with the 10th Air Force were presented to his wife.

Earl Jack Callender, Nu '43, 1st Lieutenant, U. S. Army, has been reported missing in action in the Pacific Area since April 6, 1945. He was previously awarded the Purple Heart and the Air Medal.

Harold R. Stewart, Chi '41, 2nd Lieutenant, has been reported missing in action in the South Pacific. He was a Marine Corps Pilot. His home is at 2104 E. 7th St., Tucson, Ariz.

Theodore Malmbsbury, Psi '34, went to the Philippine Islands about nine years ago. At the time of Pearl Harbor he was mine superintendent of the Tuban Gold Mining Co. at Baguio on the island of Luzon. Previous to that he has been with Masbate Cons. on the island of Masbate. His family last heard from him by telegram in December 1941. A friend of his wrote the family that Ted was last seen with three armed soldiers trying to make their way south and get to Australia. This was after the surrender on Bataan. No other information is available about him. Ted left the Montana School of Mines before graduation and received his degree at Washington State College. He is the only son of Mrs. F. B. Malmbsbury, 14704 Victory Blvd., Van Nuys, California. His family and friends are in great anxiety about him.

Letters to the Editors

83 Lake View Avenue
Cambridge 38, Massachusetts
June 27, 1945

Dear Brothers:

I have been disassociated from all that THE GEAR represents for so long a time that I must credit myself with considerable nerve for writing to you at all. I always read it and am progressively impressed by the "tone" of its material and the records of Theta Tau men. My old boyhood friend Erich Schrader certainly dreamed up a natural when he founded the fraternity.

Yours in H. & T.,

THOMAS L. HINCKLEY, Alpha '05

And thousands of others will agree with you, Brother Hinckley. Thanks for your interest and support.

May 31, 1945

Dear Brothers:

Today I reached the bottom of the basket of the Navy's paper work and got caught up to date. At the bottom was a note to remind me that the mailing address for THE GEAR had never been corrected. My best permanent address should be at my folks at Marietta, Minnesota.

This station is the flight test section of the Navy's aviation. You see everything going on

from the latest in aircraft to the work on defense armament to repel aircraft from the surface. The station is also headquarters for NATS, Atlantic Wing.

I've been here since September 1943, and took over command of Naval Air Transport Squadron One in June 1944. We operate R 4 D's (C-47's) from Miami to Argentina, Nfld. and Patuxent to Bermuda on regular schedule. Then there is the major league we have of R 5 D's (C-54's) from Patuxent to Paris via Stephenville, Nfld. and the Azores. The above is only this squadron's scope and others cover south from Miami to Rio, across the United States, the west coast, Alaska, and most of the Pacific.

Have seen Frances Biltz, Alpha '31, and heard from Bob Friis, Alpha '29, who is with The Bell Telephone at Asbury Park, New Jersey, working on tests for the Armed Services.

That's about all the dope I have to date. I am looking forward as usual for the next issue of THE GEAR.

Yours in H. & T.,

I. E. SOMMERMEYER, Alpha ex '31
Commander, USNR

Congratulations on getting to the bottom of the basket! We know that's hard to do.

April 24, 1945

Dear Brothers:

It would be appreciated greatly if you would change my address to Colony House Hotel, Great Neck, New York.

My wife, seven year old daughter, and I have had a number of addresses in the last three years. At the present time, although I am associated with Crosby Corporation of Cincinnati, Ohio, as a mechanical engineer, I am doing development work on a Navy contract at Hazeltine Corporation in Little Neck, New York.

Even though it has had difficulty in keeping up with me, I have been receiving THE GEAR, which I read avidly for news of my classmates from Nu Chapter, Carnegie Tech., Class of June, 1943. Strange as it may seem there is a note about one of them every now and then.

Keep up the good work in publishing our magazine, for I know it means as much to a great many other alumni as it means to me.

Yours in H. & T.,

BILL BURNS, Nu '33

Nu Chapter happens to be one of the best about sending us alumni news and we are glad to pass your thanks on to them.

June 8, 1945

Dear Brothers Mercer and Howe:

After a silence of more than 27 months, I am addressing this letter trusting that you two are probably still at the helm of THE GEAR.

As promised in my last letter, the latter part of February, 1943, I refer you to the following address to which I would like to have you forward the copies of THE GEAR which have been held for me: Foreign Economic Administration, c/o American Embassy, Rio de Janeiro, Brazil.

During the time since I last wrote you I have been here in Brazil in the employ of the U. S. Government in connection with the rather extensive programs for the procurement of strategic minerals. I was engaged as a Junior Engineer; and after approximately two years of administrative work in the central office of the quartz procurement program, I have been switched to the Business Manager office. Thus, it would seem that my conversion from an active mining engineer to a desk engineer has almost been completed. It has been interesting, and I have enjoyed some very pleasant contacts in this work which has been so closely related to the procuring and preparation of materials necessary to knock the Germans and soon the Japs clear out of the picture.

Shortly after I arrived here, I met Leonard Hedgecock from Arizona. I understand that he went in the Navy again after leaving here the latter part of 1943. As far as I know I haven't come in contact with any other Theta Taus, but have had the pleasant acquaintance of Lloyd Conklin, who was a member of Phi Alpha Lambda, predecessor of Omega Chapter on the South Dakota Mines campus. For the past several months, Lloyd has been manager of one of the large divisions in the field activities of the Mica procurement program, and is leaving at the end of this month for the States via Chile, Peru, Bolivia, and points between.

It looks as though our work will continue at least for several months more and after that time I hope to be able to pay you a visit and renew acquaintances.

Thanks for holding my mail for me. I am sorry to have kept you waiting so long.

Yours in H. & T.,

WILL A. BURLESON, Omega '37

Thanks for the news, Brother Burleson. Hope the silence will not be as long this time.

May 18, 1945

At Sea

Dear Brother Howe:

In April 1943, at Syracuse University, I was initiated into Theta Tau. Then July 1, 1943, I entered Rensselaer Polytechnic Institute under the Navy V-12 College Training Program. Since then I have not received THE GEAR, which, I believe, should come to me, the cost being included with the initiation fee.

I realize my not being on the mailing list is my fault. However, I should like to have the magazine sent to my home address (405 Euclid Ave., Elmira, New York) in the future, so it can be forwarded continually to my latest, ever-changing address, as I certainly am interested to know how the fraternity fares.

I remained at R. P. I. for four semesters, finally being graduated in October 1944, with the degree Bachelor of Mechanical Engineering. Following came pre-Midshipman and then Midshipman School at Camp Endicott (Naval Construction Training Center), Davisville, Rhode Island. I was commissioned Assistant Civil Engineer with rank of Ensign USNR February 6, 1945. Since then I have been receiving Construction Battalion training there.

It was Lt. Burman of the Midshipman School staff and also a member of Theta Tau from whom I received your address.

At present I, with a group of LEC officers, am accompanying a draft of Sea Bees to their Pacific destination. Later we will be de-

tached and report to the Commander Service Force, Pacific Fleet for final orders.

If this matter does not rest in your hands, I will appreciate your forwarding my plea to the proper person. Thank you sincerely.

Yours in H. & T.,

JOHN A. McDOWELL, Tau '45

THE GEAR will be waiting for you at home, Brother McDowell. Hope you see it soon.

May 8, 1945

Dear Brother Howe:

I got pretty mixed up on a lot of things in the last couple years so I do not remember what I asked you to do with my GEAR. The Fall '44 issue came today and I got such a kick out of it that I'll try to keep you posted on my latest address so you can send it direct to me. Though I'm still in contact with a few of the fellows, THE GEAR gave me the dope on a lot of others. Was especially interested in the picture of Lt. Col. Jens "Noseguard."

"Yours truly" is now sweating out rotation in China, but happy to at last be in a drafting room after digging up a good part of the orient with pick and shovel. I'm with a new outfit so here's my address: Pvt. James W. Bowman 36764924, Hq. Eng. Dist. No. 4, CASC, APO No. 627 c/o Postmaster, New York. The CASC stands for China Air Service Command but I'm in the engineer part of it. Boy, you find some construction over here that you'd never see in a stateside handbook. But these Chinese carpenters do really marvelous work with the crude tools they have and seem able to make most anything of bamboo.

I haven't had the luck to meet anyone I know or any Theta Taus since entering the service, but I haven't given up hopes and deluge every new arrival with questions about his school, home, etc.

In addition to THE GEAR, three copies of the Tennessee Valley Engineer came today from my father. They contained news of Brothers Willey, Krebill, and Burman, all friends of mine at Omicron and ex TVAs.

China's damned interesting, being something new and different; but by the U. S. standards, the people are so poor and the towns so filthy that you can hardly say you enjoy your stay here.

Enclosed is a 50 CN note worth, at the present rate of exchange, about 7 cents in America. You can imagine what a stack of bills you get for an American 10 or 20 at an exchange of about 700 to 1. It makes you feel like a millionaire to pay \$1000 for a meal, but of course that's Chinese dollars.

We're all pretty happy over here about the

practical end of the war in Europe as it means that so much more pressure can be brought to bear to clear the Japs out of this side of the world. Let's hope it is soon, as the States are going to look mighty good to this GI. Hope before long I can call on you personally.

Yours in H. & T.,

BILL BOWMAN, Omicron '40

And that hope should be realized anytime now, Jim. The latch-string is always out.

July 23, 1945

Dear Brother Howe:

Better send the enclosed before it takes roots in my pockets.

How goes all with you and yours at the University of Iowa these days? I suppose the civilians are few and far between that get around to paying you a visit. I had hoped to come up to Iowa City with my wife when I was on a 10-day leave in June but just couldn't get away from the golf course or youngster for the three necessary days it would have taken. Perhaps the next six months will find Tojo fully convinced and a chance for all to pay our Alma Mater a visit.

I am still attached to a Carrier Aircraft Service Unit, a bit more isolated from the civilized world. My present location is a small field on a swampy neck extending into Pimelica Sound. We have a mean elevation of some three and one-half feet and lately there hasn't been a cloud that has passed over this outpost without unloading a few inches of rain. As a matter of fact, some of the rainfall is being drained to ditches and then pumped into the Sound. However, no one is shooting at us unless it would be a "line fire" we had the other day when a few rockets got a little warm and took off to sea without hurting anyone except for a short scare.

For the past month, I have been acting in the capacity of both Engineering and Flight Officer and must admit that writing reports at Iowa was a "snap" as compared with the reports and investigations on crashes, aircraft ailments, and safety changes, which fall to my lot.

Outside of a little excitement during the working day and the ten cent movie on the station at night, there is not much in the way of activity. I have had about 18 months of the above type of work so the "brass hats" should see fit to look at my request for sea duty before too long. I imagine there are a lot of boys in the fleet that would welcome the long deserved opportunity to sit on the State shores for awhile.

As yet I haven't run into any Iowans but still have high hopes of doing so. Have tried

to sell many pilots on the point of returning to some University in the post-war era rather than try their luck of running the gauntlet of getting a job as a civilian. I succeeded in a few instances.

By the way, do you have any of the more recent addresses of the Omicron boys of the Class of '40? I am going to drop Kippenhan my semi-annual letter this evening but have just about lost my last straw hold on the rest of the gang. Perhaps you can help me out along these lines.

Keep me on the mailing list of THE GEAR and the best of luck to you and the rest of the "Engineering Family" at the University of Iowa.

Yours in H. & T.,

MARTIN STILLER, Omicron '40

We too have lost track of all sorts of people, Brother Stiller. We hope that all Theta Taus will advise us when they have settled down again so that our files and our mailing list can be brought up-to-date.

Claypool, Arizona
P. O. Box 44
April 24, 1945

Dear Sirs:

You haven't heard from me in quite a while and also I haven't received THE GEAR for quite some time so I am taking this opportunity to let you know what I've been doing and also my permanent mailing address.

I am in the Navy and have been stationed with a Sea Bee outfit in the Southwest Pacific area for the past 16 months. I saw Tom Rittenhouse, Chi '30, in New Guinea. Quite a lot of the boys arrived in the states on April 1, for reassignment, and I am spending a 30-day leave at home before reporting to the Naval Construction Training Center at Davisville, Rhode Island. It looks as if it may mean more overseas duty.

With best wishes for a banner Theta Tau year, I am

Yours in H. & T.,

OSCAR LYON, Chi '42

We trust that V-J day changed your plans again, Brother Lyon.

September 24, 1945

Dear Brother Howe:

I would like to contribute some of my personal history since December 7, 1941. Like some other fortunate boys, I was able to finish my Ph.D. work in chemistry under the educational deferment schedule. I graduated from M. I. T. in June, 1942, and went to

work for the National Defense Research Committee. While working for them, I have been at Northwestern, Carnegie Tech, and Illinois. I see Brother Vawter out here occasionally. Now that the war is over and all us NDRC boys have received engraved certificates thanking us on behalf of the United States Government for our services, we are moving again. I am going to the Linde Air Products Co., Laboratory, Tonawanda, New York. I am also getting married on October 25, to Mary McClure of Urbana. I think I am going to enjoy both of my new jobs.

Yours in H. & T.,

DAVID G. EDWARDS, Nu '39

Nice going, Brother Edwards!

October 29, 1945

Dear Brothers:

Apparently I have been given up for lost, since my last GEAR was mailed to my home address in the States. However, I'm still in the same place "South of the Border", so please keep sending THE GEAR directly here and I'll keep you posted on any future moves.

I have recently completed half of my three year contract here and expect to remain until February of 1947. I have hopes of returning to college for graduate work at that time, but of course future developments may change those plans.

My work here is that of supervision in the underground workings of the mine. In July of this year I received a promotion from shift boss to level foreman; a position whose duties are much more interesting and allow more freedom of action and initiative in their execution.

Thanks a lot for THE GEAR, and please keep it coming south.

Yours in H. & T.,

JOHN J. REED, Epsilon '44

John J. Reed
c/o Braden Copper Co.
Rancagua, Chile, S. A.

October 22, 1945

Dear Brother Howe:

I have often thought about my college days and always my thoughts turn to the fine times I had as a pledge and as a member of Theta Tau. I haven't received any issues of THE GEAR since I have been out of school because I haven't given you my address. I wish that you would send me those that you may have on hand since the spring issue of '45.

I came directly to Borger, Texas, as soon as I completed college and began work with Phillips Petroleum Co. At the present time I am working at a butadiene plant, making one of the raw materials used in making synthetic rubber. The work has been very interesting,

but I do not like this country. I guess that nothing compares with Iowa when you have been away from it for a few years.

I wish that you would send me the addresses of any Theta Tau's in this area that you may have on hand. There seem to be very few in the Panhandle of Texas.

Ever since I left school I wished that I had bought a gavel for my pin; also I would like very much to have a sister pin. I would appreciate it very much if you would inform me as to the proper channels to follow in ordering a pin.

I was home last June on a short trip to see my two brothers who were on leave from the Navy. Ed is doing O.K. for himself; he is a full lieutenant now, but he does wish that he was out. As for my younger brother, he may head for Iowa University next year also.

This week Notre Dame plays Iowa. I hope that Iowa will handle them as they have always handled them in the past.

Yours in H. & T.,

HOWARD R. BURMAN
Phillips Petroleum Co.
Box 2364
Borger, Texas

We are glad to place your name on the mailing list. It will stay there until we get the familiar "moved, left no address" from Uncle Sam's Post Office.

Address changes during the war have been so numerous that it has been impossible to keep a geographic file. Consequently we can't name any near-

by Theta Tau for you but hope the publication of this letter may bring forth a greeting from one.

You may order fraternity jewelry through Grand Treasurer Vawter, whose address appears in the front of the magazine.

(Let's forget the football season and concentrate on basketball where Iowa will lead the league).

June 29, 1945

Dear Brothers Mercer and Howe:

Received my first copy of *THE GEAR* in over four years today, although I do have a four years' accumulation at home.

In anticipation of the war, I joined the Air Force in July 1941, with hopes that two years at most would see the end of it. A slight underestimation to say the least.

It's a long jump from working underground to flying an airplane, however, I have managed to survive the four years which includes 19 months of combat duty in New Guinea. Now with the surplus of pilots plus an accumulation of points, I have hopes of returning to the mines in the near future.

I was disappointed not to see a letter from Epsilon in *THE GEAR* and wonder if it has managed to survive the war. Sincerely hope so.

My best regards to you and Brother Schrader.

Yours in H. & T.,

HAROLD W. BAKER, Epsilon '39

Letters to Grand Officers

Warner, Barnes & Co. Ltd.
3rd Floor, Soriano Bldg.
Manila
October 24, 1945

Dear Brother Schrader:

I was happy to hear from you and I am eager to get a few copies of *THE GEAR* and thus find out what has been going on.

The Japs were none too good in their treatment of Americans, however, we were fortunate in coming through the ordeal. My family is now at 1225 N. Wilson Ave., Pasadena, and they are enjoying the good in the U. S. A.

Quite a few of the mining men lost their lives. Norbert McKenna (Epsilon '36), was definitely killed in action on Bataan. I do not know what has happened to Theodore Malmesbury (Psi '34). It will take some time before we can account for all our men.

The destruction here has been tremendous and the situation as yet, leaves much to be desired. Financial assistance to the various industries is imperative to rehabilitate the country. I believe however, that eventually the Islands and the Far East will offer unusual opportunities to business enterprises.

I have been kept here by the company to look after their various interests and enjoy being on the job again after the long period of prison inactivity. Tentatively I am planning to return to the U. S. during the middle of 1946 for a rest, as well as an inspection to acquaint myself with the latest technology. I hope I can get to see you then. How is our dear Theta Tau coming along? I feel like Crusoe coming back to civilization. Thanks again for your kind letter and with personal regards, I am.

V. A. BRUSSOLO, Epsilon '20

Philippines
September 21, 1945

Dear Brother Schrader:

Our correspondence which started in July has finally borne fruit—I received your letter today.

I'm glad to see that there is some activity afoot on the Shingles since I am proud of my membership in Theta Tau and want to have my Shingle framed. Since you now have my address please send my GEAR right along. You may be sure that it will be appreciated.

On the day I left, after spending seven months in training at Navy Pier in Chicago, Jack Mitchell from Minnesota saw my letter to you and gave me the grip! We had spent the seven months together in the same company and had often bummed around together and then did not know we were both Theta Taus until the last day! We met again in Shoemaker (4 miles from Pleasanton, Calif.) and spent some time together, but then we parted and I hit the high seas. After 26 days we landed here and I have been here ever since.

Island life here is not bad but they can send me out to the fleet any day now.

Thanks again for your letter. I am waiting for the next copy of THE GEAR.

Yours in H. & T.,

DICK BINGHAM, Nu '46

R. S. Bingham Jr., RT 3/c
924-58-64, Navy No. 3149-R/S
c/o Fleet P. O. San Francisco, California

2022 South First St.
Louisville, Kentucky
July 6, 1945

Dear Brother Hinckley:

As you can see by my address, I am in Kentucky working for E. I. Dupont de Nemours and like it fine. I thought I was going to work for the Army Engineer Corps in Syracuse but the Civil Service Commission said "no." So I am here where I should have come in the first place without any hesitation.

I really have a wonderful job—assistant to the engineer in charge of construction inspection. We inspect and recommend changes in the construction work as it goes along. Incidentally, "the construction work" will end up as the largest explosives plant in the world, costing \$60,000,000. A minor part of the work consists of constructing an overhead steam line 7 miles long (the largest overhead steam line ever built), a 240 ft., 3 span steel truss bridge, and about twenty miles of standard gauge railroad track. It is really quite a project!

Theta Tau has played its part in the whole affair. As you will note from my above address, I live at the Theta Tau house in Louisville and my immediate superior is a member

of Theta Tau. He graduated from Ohio State University some years ago.

Well, that is everything that has happened since I saw you in New York City. I am certainly glad I went to work instead of taking graduate work.

Yours in H. & T.,

CHARLIE TAYLOR

May 11, 1945

Dear Brother Schrader:

I am very glad to report that I am finally home, after completing the foreign assignment I wrote you of early last year. I have been away eleven months, which was a little longer than I anticipated, so of course I am very glad to be home.

I spent about six months last year in South Africa and then went over to Madagascar and tried to get acquainted with the French and learn how they mine. You know of course, that there are several American engineers in Johannesburg; and it would naturally follow that some are Theta Taus, which made it very nice for me in getting acquainted and visiting the gold mines. Among the men were Jack Coolbaugh, Gamma '30, and Randolph R. Vail, Epsilon '11. Coolbaugh is with American Cyanamid and really knows his way about South Africa, the Rhodesias, and the Congo. Vail, charter member of Epsilon, is manager of Vogelstruisbult, an important mine on the far-east Rand, where they hoist about 1600 tons per day of plus 5.0wt. ore. He is one of the most outstanding (if not the greatest) deep shaft authorities on the Rand, and his crews have made records of some 450

ft. or more per month. At the time I visited the property, he was just starting Vogelstruisbult No. 3, a $3\frac{1}{2} \times 16\frac{1}{2}$ concrete elliptical shaft which will go to the 6,700 ft. level, hoisting accomplished in one lift. This will be the deepest shaft on the Rand and is to cost over \$1,500,000. You know that all the deep-level mining on the Rand at around 7,000 or 8,000 ft. is accomplished through two shafts, the main surface shaft seldom going beyond 5,000 ft.

Others you probably know are David Sharpstone, Epsilon '24, who is now with a Ventures subsidiary in South Africa. Rand mining people seem to hold very optimistic views for their gold mining industry and there are some important new areas, notably in the Orange Free State and the far east Rand, which bid fair to add many years' life to the Witwatersrand.



R. R. Vail

I see George Seager, Epsilon '30, almost every day here in the office. He lives in Scarsdale where I also have my home, so will no doubt be seeing him over weekends. Did you know that my brother Kirk, Epsilon '41, Major Marine Air Corps, was moved to Hawaii as a staff officer?

With kindest personal regards and the wish that something will bring you to New York in the near future.

Yours in H. & T.,

WESTON BOURRET, Epsilon '34
29 Edgemont Road
Scarsdale, New York

Orange, California
P. O. Box 267
July 19, 1945

Dear Brother Schrader:

It is very good to hear from you and to be able to be here in the states. I am lucky to be here, and as you know, many will not show up to be counted here in the United States.

I do not know authentically of Fletcher Wood, Gamma '16. Norbert McKenna, Epsilon '36, was killed by machine gun fire on his way to Bataan on or near the first of 1942. I saw him in Manila just before he left and he was in good spirits. He was visiting me at San Mauricia on December 8, 1941, to see the mine and have lunch with me. We had a

good morning, but could not settle down in the afternoon. He was puzzled as we all were for this was the first time a nation had ever declared war on us. He left right after lunch and then went to Manila where he joined the army.

Henry D. Clark, Jr., Chi '32, was in Santo Tomas with me and stayed on for a while for he was familiar with Lepanto mines. He came through all right but thin as a rail. F. O. Bacon, Jr., Chi '31, was also in the same prison camp and came through very well. R. W. Wells, Gamma '29, I believe has joined the navy. V. A. Brussolo, Epsilon '20, stayed in Manila for a time to straighten out the mess, if possible.

I was glad to get Don Ross's address from you as well as that of Monty Tweedt, Epsilon '28. I do not envy those who stay there. Many of my friends were killed but I am uncertain about some Theta Taus.

I expect to be here rather permanently with trips and examination jobs at intervals but one can always catch me here around the first of the month. If you get a chance come down this way. When gas is easier to get I may get to Reno.

I will be very glad to get some copies of THE GEAR. As I grow older, I appreciate them more.

Yours in H. & T.,

DION L. GARNNER, Epsilon '29

Additions to Membership

ALPHA

- 513 Walter Edmund Thomas, Duluth, Minn.
514 Waldo Dwight Gullickson, Kalispell, Montana

BETA

- 561 John Patrick Kerwin, Green Bay, Wis.
562 Walter Frank Parker, Jr., Port Huron, Michigan
563 Jack Roger Goudzwaard, Muskegon, Michigan
564 Raymond Richard Fritz, Chicago, Ill.
565 Russell Burns Scott, Florence, Wis.
566 David Hugh Burger, Saginaw, Mich.
567 William Carl Bleimeister, Detroit, Mich.
568 Richard Charles Van DeWeghe, Gladstone, Michigan
569 Fred Marvin Lichtenstein, Detroit, Mich.
570 Lowell Walter Haydon, Dearborn, Mich.
571 Charles Cedar, Saginaw, Michigan
572 Harold James Cleary, Jr., Rockland, Michigan
573 Herbert Loton Willson, Boyne City, Michigan

GAMMA

- 652 Robert Bruce Wilcoxon, Denver, Colo.
653 Van Dyne Howbert, Denver, Colorado

THETA

- 388 Donald Paul Kahn, New York City
389 August Edward Sapega, Bridgeport, Connecticut
390 Jerome Robert Harris, New York City
391 Frederick Gustav Holte, Staten Island, New York
392 Richard Dale Buchheit, Indiana, Pa.
393 Elmer Johnson Bochs, Dumont, N. J.
394 Stanley Sherwood Smith, Camillus, N. Y.
395 Walter Dodge McVicar, Bronxville, New York
396 Howard Frank Dobel, Brooklyn, N. Y.
397 John James O'Hara, Philadelphia, Pa.
398 John Girdner Atwood, New York City
399 Henry Simmons Coleman, New York City
400 Joseph Carlyle D'Annunzio, Trenton, New Jersey
401 Joseph Frederick Engelberger, Bridgeport, Connecticut

- 402 Joseph Alexander Fontana, Milldale,
Connecticut
403 William Hower Glick, Frackville, Pa.
404 Zachary Rosenfield, New York City
405 Palmer Wilson Townsend, New York City

IOTA

- 501 *Seymour Orlofsky, Hartsdale, New York
513 Philip Dale Johnson, Rice, Washington
514 Frederick Ross Richardson, Kansas City,
Missouri
515 Roy Henderson Boyd, Edgar Springs Mo.
516 Donald Irwin Meyer, St. Louis, Missouri
517 Ralph Andrew Mathews, St. Louis, Mo.
518 Joseph William Collier, Jr., Carlsbad,
New Mexico
519 Charles William Bennett, University
City, Missouri
520 Carney Cedrick Fesler, Cape Girardeau,
Missouri
521 Raymond Bolim Jones, Panama City, Fla.
522 Paul Maurice Bennett, Rolla, Missouri
523 Arthur Herman Fuldner, University
City, Missouri

*Not available for the last issue.

MU

- 402 Bryan Hal Standley, Pensacola, Florida
403 Roberto Martinez-Ordonez, Honduras,
Central America
404 James Hiram Moore, Jr., Birmingham,
Alabama
405 Earl William Karm, Crichton, Alabama
406 James Richard McLay, Janesville, Wis.
407 Charles Neville Maxwell, Tuscaloosa,
Alabama
408 Ross Brown Robinson, Kingsport, Tenn.
409 James Clay Wellborn, Arlington, Va.

NU

- 410 David T. Fleck, Buffalo, New York
411 Richard Thomas Huntoon, Detroit,
Michigan
412 Andrew Joseph Pepper, Pittsburgh, Pa.
413 Millard Fillmore Brown, Jr., Pittsburgh,
Pennsylvania
414 Paul Frederick Schucker, Jr., Larch-
mont, New York
415 Karl Boromaeus Weber, III, Pittsburgh,
Pennsylvania
416 Wendell Lafayette Minor, Brockway, Pa.
417 Dale Alan Wright, Amarillo, Texas
418 Edward James Vidt, Pittsburgh, Pa.
419 David Leroy Nichol, Monroe, Louisiana
420 Carlo Francis Martino, Brockway, Pa.
421 Joel Bigelman, Havana, Cuba
422 Robert Charles Straka, Jr., Pittsburgh,
Pennsylvania
423 Thomas Joel Hall, Kenton, Ohio
424 John Henry Harstine, New Philadelphia,
Ohio
425 Rolf Weil, Pittsburgh, Pa.

OMICRON

- 261 *John M. McKeon, New York City
291 John Patrick
292 George Francis Gilligan, Dubuque, Iowa
*Not available for a previous issue.

PI

- 323 William Easley Hale, Princeton, W. Va.
324 Charles Vivian Merdith, Jr., Lawrence-
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325 Charles Byron Beverage, Monterey, Va.
326 Robert Miller Garvin, Steubenville, Ohio
327 Colin Francis MacDonnell
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334 Aubrey Sidney Bass, Jr., Richmond, Va.
335 John Adam Dovel, Jr., No. 203 Mar-
garita, Canal Zone
336 Richard Blair Davies, Petersburg, Va.
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341 John Scott Nicholas, Charlottesville, Va.
342
343 Angelo James Vitale, Myersdale, Pa.
344 Virmandel Ambrose Shriner, Jr., War-
saw, Virginia
345 Charles Gray Roebuck, Colerain, N. C.
346 John Arthur Parker, Pennsgrove, N. J.
347 Thomas Joseph Nichols, III, Richmond,
Virginia
348 Clifford Dickson Moore, Jr., Norfolk, Va.
349 Allen Ross Marks, Hopewell, Virginia
350 James Edwin Griffin, Alexandria, Va.
351 Edward Thompson Fogg, Salem, N. J.
352 Robert Massie Detamore, Charlottesville,
Virginia
353 James Watts Calhoun, Charlottesville,
Virginia

RHO

- 342 Charles Dennis Dixon, Belmont, N. C.
343 Stephen Goodyear Flannagan, Henderson,
N. C.
344 William Colonel Roe, Asheville, N. C.
345 Lucien Williams Gatlin, Charlotte, N. C.
346 William Jeffress Daniel, Henderson, N. C.

SIGMA

- 289 Everett Engstrom Edey, Lancaster,
Ohio
290 Dale Lynn Wilkins, West Liberty, Ohio
291 Charles William McCaulla, Springfield,
Ohio
292 Angel Alfredo Alfaro, El Salvador, C. A.
293 John Luke Zalar, Jr., Painesville, Ohio

UPSILON

- 236 Russell Blair Newman, Greenbrier, Ark.
 237 William Robert Wynn, Corning, Ark.
 238 Glynn Wilks Roberts, Little Rock, Ark.
 239 James Shelley Stutheit, Fayetteville, Ark.
 240 Walter Austin Bollen, Jr., Magazine, Ark.
 241 Marshall Crenshaw Measel, Little Rock, Ark.
 242 Howard Talmadge Bonds, Lepanto, Ark.
 243 Chester Cameron Allen, Camden, Ark.

OMEGA

- 236 David George Robertson, Aberdeen, S. D.
 237 Armand Roy Mogck, Rapid City, S. D.
 238 Kenneth Henry Bischel, Aurelia, Iowa

- 239 Gordon Harlyn Hoy, DeSmet, S. D.
 240 Alva Leslie Dougal, Isabel, S. D.
 241 Francis Robert Bannick, White Lake, S. D.
 242 Loyd Dean Berger, Rapid City, S. D.
 243 Byran Harvey Strandell, Wall, S. D.
 244 Marvin Reinholdt Heck, Isabel, S. D.
 245 Glenn M. Hanson, Jr., White Lake, S. D.
 246 Wilbain Rice Gardner, Jr., Buffalo, S. D.
 247 Marvin Eugene Petersen, DeSmet, S. D.
 248 Marvin Dale Strochan, Kennebec, S. D.
 249 Hans Martin Jensen, Pierre, S. D.
 250 Edward Roy Mosyczek, Aberdeen, S. D.
 251 Robert Fred Dombrowe, Graton, S. D.
 252 Robert Shane Jones, Pierre, S. D.

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Iowa City, Iowa

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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FALL, 1945

NUMBER 1

HELP! HELP!

The old copybook line might well be paraphrased to read, "Now is the time for all good Theta Taus to come to the aid of their Chapters." The close of the war found most engineering colleges fairly well depleted of upper classmen. Consequently many of our chapters entered the fall term in a woefully weak condition and some entirely shut down because of the total absence of members on the campus.

The situation is now on the mend in most places, but in others, prompt first aid is needed or some of our chapters are in danger of never rising again. Better check on *your* chapter and see if there isn't something you can do to help. Particularly those brothers in the near vicinity of troubled groups—get busy, put your shoulder to the wheel and let's get going again.

SCIENTEERS

For many years we Engineers have been disturbed because as a class we were not accorded the respect and veneration we thought we deserved. The war, as wars have a habit of doing, changed all that, and for a time, Engineers have been eagerly sought after, as the ones who could devise ways to overcome the physical might of our enemies. And our Engineers come through. Working with physicists and chemists, geologists and others, they developed all kinds of weapons, and

finally the atomic bomb and all that it portends.

In all this we can again clearly see that true engineering is applied science. Since it is, why have we never adopted the very broad and meaningful name of Scienteer, rather than the ambiguous and less descriptive name of Engineer.

LIFE RETURNS TO FRATERNITY

Readers of this issue will see signs of the rejuvenation of the fraternity following the enervation caused by the war. The first evidence is the listing of Russell G. Glass, Grand Regent, at his home address. Brother Glass has completed his Navy duty and has returned to civilian life. He is particularly anxious to get the fraternity back on its feet and is calling the Executive Council together for a meeting during the holidays. His first inclination was to hold a National Convention in December but consideration indicated that visits to chapters might be more effective at the present time. When the chapters are again up to strength, much can be gained by attendance at a National Convention.

More evidence of returning strength may be found in the chapter letters. Several chapters seem to be under way at almost pre-war strength.

The financial strength of the fraternity is unimpaired. The publication of *THE GEAR* was possible all through the war without recourse to use of invested funds.

Letters from the Chapters

Alpha Looks to Returning Veterans



Greetings to our Brothers Everywhere:

With increasing numbers of veterans returning to, or beginning school at the University of Minnesota, the prospect of increasing the civilian membership of

Alpha chapter is becoming greater. A smoker, to interest the civilian element, was held August 13. Speaker for the evening was Dr. Leslie Fokker of the U. S. Department of Health. His subject, "Industrial Health Hazards," was well received by all those present.

The only other smoker held since the spring quarter was held May 21; the speaker was Mr. Togan Kip who was at that time associated with the Soo Line Railway. Mr. Kip spoke on the future of engineering in his home country, Turkey. Two fellows from the Navy V-12 Unit, Waldo Gullikson and Walter Thomas were pledged and informally initiated July 14 after the Navy leave. Formal initiation took place July 15. These were the only additions to the chapter during the summer.

An election of officers was held October 11, and the following new officers were elected to replace those elected in July. Chet Dekko re-

placing Herman Peters as Regent, James Sullivan replacing Bill Ruane as Vice-Regent, and Walter Thomas replacing Dick Evans as Scribe. Fred Teske remains as the chapter adviser and treasurer.

The high spot in the social calendar was the honor of having Grand Regent Hopkins attend a meeting of the chapter on April 27. After the regular meeting, the group adjourned to alumnus Charles Britzius' Testing Lab, where an informal meeting with the alumni association was held.

Brother Teske was host to the chapter at his home on June 10. An unwelcome rain interrupted the planned recreation, but some of Brother Teske's movies and card-playing made the event an enjoyable one.

The chapter teamed together with the Electrical Engineering fraternity, KHK, for a weiner roast at Cedar Lake on August 14; and again on October 6, for an informal dance at the Hotel Leamington. Bert Owens' Band provided the music for the latter.

The annual Founders' Day Banquet, sponsored by the Alumni Association, was held in Coffman Memorial Union on the campus on October 15. Several alumni, recently returned from the service, described some of the more interesting activities in which they had taken part.

Beta Chapter Reborn



Beta Chapter of Theta Tau was reactivated in June of 1945 by actives R. M. Atkins, B. Beckner, and B. J. Ellerthorpe with the aid of Professor L. F. Duggan, our faculty adviser. Eight men were pledged and the

house was reopened. The first two floors of the house were completely redecorated.

Six pledges were initiated this summer. They are: J. P. Kerwin, W. F. Parker, Jr., J. Goudzwaard, R. B. Scott, R. R. Fritz, and D. H. Burger. During the summer five more men were pledged. These five men and two of the former group, who were working this summer, were initiated this fall. They are: W. Bleimeister, R. Van de Weghe, F. Lichtenstein, L. Haydon, C. Ceedar, J. Cleary, and H. Willson.



Front row: Burger, Haydon, Cleary, Kerwin
Middle row: Goudzwaard, Atkins, Ceedar, Willson

Top row: Lichtenstein, Parker, Scott, Fritz, Bleimeister, Beckner, Van de Weghe

At the present time we have fifteen active members, thirteen of whom are living at the house. We are considering more pledge material at this time.

Two officers, Regent R. Atkins and Scribe J. Goudzwaard, have taken care of our Chapter business to date but our increase in activity makes it necessary that we elect more officers in the near future.

Our Chapter is well represented in all branches of extra-curricular activities: Atkins, president of Senior Class and Student Council Representative; Becker, Student Council and Business Manager of *Keweenawun* (yearbook); Bleimeister, Student Council and president of A.S.C.E.; Burger, editor of *Lode* (college newspaper); Cleary, Student Council; Fritz, president of A.I.M.E. and Intramural Sports Program; Goudzwaard, president of Sophomore Class; Haydon, vice-president of Sophomore Class; Kerwin, president of Ski Club and president of A.S.M.E.; Lichtenstein, Business Manager of *Lode*, vice-president of Senior Class, vice-president of Camera Club, and Student Council; Parker, Student Council

and Managing Editor of *Lode*; and Van de Weghe, vice-president of the Student Organization.

We are deeply indebted to our adviser, Professor L. F. Duggan, for his guidance and willing assistance. We are also grateful to Professors Polkinghorne, Longacre, Hawn, Garrington, and Drier for their interest in the reactivation of the Chapter.

Lt. B. Gribble, Beta '41, Lt. B. Baxter, Beta '43, H. Finley, Beta '41, and R. M. Moon, Beta '18, have been among our recent visitors. H. Finley, recently discharged from the Army, is anxiously awaiting his approaching marriage to Dorothy Grindatti, of Calumet.

We held a Founders' Day Banquet on October 15. The banquet was well attended by active and faculty members. The fare consisted of delicious T-bone steaks.

As an aid in getting our correspondence files complete, we welcome news from all of our alumni at any time.

In H. & T.,

JACK GOUDZWAARD, Scribe

October 18, 1945

Gamma Assuming Its Former Place

GOLDEN COLORADO

Dear Brothers:

With the return of many servicemen to the Colorado School of Mines campus, Gamma chapter of Theta Tau is again on its way to the top.

At present we have only five active members and six pledges, but expect six or eight returned servicemen to join us in January.

But even though our chapter is small our members hold most of the important offices on the campus. W. McQuinn is president of the Student Body and Blue Key; Frank A. Seeton is president of Sigma Alpha Epsilon and the student A.I.M.E.; Morgan T. Townsend is head of the Stray Greeks and Robert X. Wilcoxon is the leader of the Kappa Sigmas. We also have two other members of Blue Key—Frank A. Seeton and Carl M. Croakman.

At present, the chapter's officers are as follows: Regent, Frank A. Seeton; Vice-Regent, Robert X. Wilcoxon; Scribe, Carl M. Croakman; Treasurer, W. J. McQuinn; and Marshal, Morgan T. Townsend. Our adviser

is Professor M. I. Signer, Head of our Mining Department.

On the campus here in Golden, the traditional rivalry between Theta Tau and Sigma Gamma Epsilon still prevails and we are still holding the reins. We have not played our annual fall football game as yet but we will enjoy our usual keg of beer as soon as the game is played.

We expect to hold dinner meetings once a month at which time all pertinent matters will be discussed, future plans made, and any old business cleared up.

We are having formal initiation of the new pledges the 19th of November, after which we are giving an informal dance.

Gamma chapter was very sorry to hear that one of our brothers, Preistly Moorhead, was recently killed in a plane crash on Leyte Island.

In closing, we send our best regards to all Theta Tau chapters and alumni.

Yours in H. & T.,

CARL M. CROAKMAN
Corresponding Secretary

Delta Chapter Running Smoothly



Dear Brothers:

The Case chapter of Theta Tau again is proud to report a roster of 28 men to carry on the traditions of the fraternity during the accelerated program of war training.

This accelerated program naturally cut down on the activities on the campus, but those who did stick with the activities and still kept on higher ground with their grades made good material for the Delta Chapter. Twenty of the twenty-eight men in the chapter are in the V-12 program of the Navy here at Case.

Last September eight men were initiated into Delta Chapter; these men were Peter Allen, C. P. Blicharski, James Jensen, Gene Leete, Harry Nara, Jack Oman, Arthur Tousley, L. K. Acheson, and James Rice. Blicharski and Acheson are civilians, and Rice has been discharged from the Army Air Corps. The remainder of the newly initiated men are V-12 trainees, several of whom have seen active service in the Fleet.

The chapter elected new officers on September 18; Bill LaBaugh is the new Regent, the Vice-Regent is Herb Hardrath, "Red" Blicharski was elected Scribe, Jack Oman was chosen as Treasurer, and Dave Barrett was elected Corresponding Secretary. Our new Regent, LaBaugh, has seen service in the Pacific with the SeaBees and was stationed at Notre Dame before coming to Case to study Civil Engineering.

On Monday, October 15, (Founders' Day) the semi-annual Student-Alumni dinner was held at the Cleveland Engineering Society Building. This proved to be a very enjoyable affair for all who attended. The dinner was

preceded by a social hour in the cocktail lounge where the student members were able to meet and talk to the former members of the Delta Chapter. After an enjoyable dinner, Dr. Wickenden, president of Case, talked on school policies and other things of interest to both the students and the alumni. "Doc" Wickenden also told of plans of future expansion of buildings and facilities at Case, including a new, larger athletic plant. Bruce Baty, '43, president of the alumni association, acted as toastmaster at the meeting.

The men in Delta Chapter have been as active as ever in school activities as records will show; at the Honors Day Convocation many of the members were recognized for their participation and leadership in student activities. The Senate Key was awarded to C. B. Smaltz and K. D. Mehlhope for their leadership in the student governing body, the Senate. Spires, Koonce, and Mehlhope were given keys for their service on the interfraternity Council. W. E. Williams received a Case Tech key for his service on the campus newspaper. Recently elected to Tau Beta Pi, were Harry Nara, Herb Hardrath, and C. B. Smaltz, former Regent of Delta Chapter. K. D. Mehlhope has served as president of Blue Key, national activities fraternity on the campus. Five Delta members are on the football squad; the spark plug of the team is Jim Krebs, flashy fullback on the varsity.

An effort is going to be made by Delta Chapter to determine the whereabouts of the chapter alumni in order that these men might be contacted and informed of dinners and other meetings. Also all alumni of Theta Tau in the Cleveland area are invited to contact either the chapter or the alumni association.

Yours in H. & T.,

DAVID M. BARRETT, Corresponding Sec.

Zeta on Rock Bottom

LAWRENCE
KANSAS

Dear Brother Howe:

In reply to your request of October 8 for material from Zeta Chapter for THE GEAR OF THETA TAU, I regret to

reply that Zeta Chapter has been on the inactive status for the past year. We have only two active members on the campus at

the present time, and they are in V-12 Unit and are scheduled to leave the first of November. We have hopes that our situation will improve with the returning veterans and some of our old members who can take hold and help build the chapter up to its original status.

Yours in H. & T.,

G. W. BRADSHAW, Chapter Adviser

Theta Thriving on $V=12s$



Dear Brothers:

Theta Chapter of Theta Tau which has been active throughout the war is now on the upswing to a larger and better chapter. At the beginning of the new year of 1945 the active brothers totaled 14. Subsequent to initiation on April 6, 1945, our number was increased by 6. Brothers Boehs, Buchheit, Dobel, Harris, Holte, Kahn, McVicar, O'Hara, Saega, and Smith were those initiated, all serving in the Navy V-12 Unit here at Columbia. Brothers McLaren and Dempsey, both of whom are now commissioned officers, shoved off for Midshipmen's School, and Brother Dempsey, sea-bag and all, dropped anchor at Great Lakes Naval Training Station. Our newly elected officers at this time were: Regent, Taylor; Vice-Regent, Piper; Scribe, Fritts; Treasurer, Buegler; and Corresponding Secretary, Buchheit. At the beginning of the July term we suffered the loss of Brothers Ferguson, Kiskaddon, McEvily, Kahn, and McVicar all of whom passed on to Midshipmen's School. Brother Kiskaddon is serving as a Battalion Commander at the Columbia Midshipmen's School; he was also in the same capacity when he was in the Navy V-12 Unit. Civilian Brothers McCaffery and Kirkland have completed their courses and are now employed elsewhere. Initiation was again held on September 15, 1945, and we were strengthened with the addition of Brothers Coleman, Glick, Rosenfield, Engelberger, Townsend, D'Annunzio, Atwood, and Fontana. Our new leaders who will assume their duties on November 1, 1945, are Regent, Piper; Vice-Regent, Holte; Scribe, Engelberger; Treasurer, Buegler; and Corresponding Secretary, Boehs. Dr. Ettore A. Peretti, Assistant Professor of Metallurgy, Psi '34, who succeeded Mr. A. D. Hinckley as our adviser, is still with us and has been most helpful in maintaining Theta chapter.

At the time of this writing, all of the active brothers are in the Navy V-12, but with numerous discharged servicemen returning to Columbia to resume their studies, it is hoped that we may include many in our brotherhood in the near future.

As in the past, our social activities have been most successful. Dinner meetings each month were held at the Faculty Club and they served well in creating the cooperation and interest essential for a prosperous organization. In March, 1945, we enjoyed a gala time at the Gay Blades Skating Rink, followed by a party at the Old Brew House.

Our pledging activities consisted of a

smoker and pledge dinner at the Faculty Club. After the initiations in April and September, we held a banquet at Hans Yaeger's which included all of the usual festivities.

Many of our brothers are active elsewhere on the Columbia campus and we are very proud of them. The War-Time Student Board of Columbia College, the Emergency Council, has the services of Brothers Taylor, Smith, Piper and Coleman, all of whom represent the Navy V-12 Unit. Brothers Smith and Coleman are Editor-in-Chief and Sports Editor, respectively, of the Columbia newspaper, the *Spectator*. Brother Coleman also serves as the Navy representative for the *Yearbook*, as well as Vice-President of the A.S.M.E. Brother Holte is Secretary of the A.S.M.E. The Columbia University broadcasting station, CURC, employs Brother D'Annunzio as the Director of the Navy program. Assisting him are Brothers Vreeland, O'Hara, and Boehs. Brother D'Annunzio also heads the A.I.E.E. as president and he is aided by Brother Harris as Vice-President, and Brother Glick as Secretary. Five of our brothers are active in Tau Beta Pi. Brothers Piper, President; Engelberger, Secretary; and Brothers Smith, Rosenfield, and D'Annunzio. Brothers Taylor, Dobel, and Buchheit, are members of the V-12 Battalion Staff.

In the world of sports, Brother "Stan" Smith is Captain of the present football team which is rated second to Penn in eastern collegiate gridiron activity. He is also co-captain with Brother Taylor of the Columbia crew. Brothers Piper and Coleman both occupy positions in the varsity shell. The track and cross-country teams are holding their own with Brother Holte. The basketball team includes Brother Dobel as acting Captain and Brother D'Annunzio as a varsity player. Brother Dobel also plays baseball. Outstanding in last years fencing competition was Brother Harris, a 3-weapon man. Brother Saega is President of Blue Key, the Managerial Society, and Manager of the swimming and baseball teams. Head cheerleader is Brother Engelberger assisted by Brother Rosenfield who is also on the varsity swimming team. The J. V. tennis team includes Brothers Glick and Buchheit.

Previous to the beginning of the war, the School of Engineering had a student governing body which was known as the Student Board of Engineering. Its function was to enforce the honor system and to act on any problems arising within the School of Engineering. However, this board has been inactive during the war and Theta Chapter is now taking the initiative in re-establishing the Student Board of Engineering. We feel that

this system of government was very successful during peace time and that such a student body should again be reinstated. We hope that this job will be accomplished in the near future.

Of the alumni of Theta Chapter, Brother Jim Roros, '43, was inducted into the army along with Brother Ken Lopez on August 2, 1945. Both were sent to Fort Dix. Before Uncle Sam claimed these brothers, they were employed by the Metals Disintegrating Co.

Brother Albert Kitchen recently received an honorable discharge from the U. S. Navy as an Air Cadet.

In closing, Theta Chapter wishes to extend to all other chapters and wearers of the GEAR OF THETA TAU their heartiest greetings and best wishes.

Yours in H. & T.,

RICHARD D. BUCHHEIT
Corresponding Secretary

Lambda Getting Under Way



Dear Brothers:

Lambda Chapter, like many of the others, was hard hit by the war and has been rather inactive for some time. However, we are now organized for this year and we hope that we may be able to

carry on and build our chapter into the kind of organization that it has been in the past.

Our officers for this year are as follows: Reed Bills, Regent; Maclyn McKeenan, Vice-Regent; Jay Haight, Scribe; and Finn Paulson, Treasurer. Our chapter adviser is Brother George Carter.

We are sorry that we are unable to give you more information, but we hope to have a great deal more for you in a short while.

Yours in H. & T.,

REED BILLS, Regent

Mu Confident of the Future



Dear Brothers:

Mu Chapter celebrated Founders' Day this year by initiating four new members. They are as follows: Ross Brown Robinson, Kingsport, Tennessee; James Clay Welborn, Selma, Alabama;

James Richard McLay, Janesville, Wisconsin; Neville Charles Maxwell, Tuscaloosa, Alabama. With the addition of new blood to the fraternity, Mu looks with high hopes toward a successful winter.

Officers at the present time are: William K. Rey, Regent; Earl W. Karm, Vice-Regent; David Crockett, Scribe; and Murray Maisel, Corresponding Secretary.

Mu Chapter welcomes back Ensign David Crockett who has been a flight deck officer on an aircraft carrier for the past year. David left for the Navy early in 1943.

It seems the alumni are getting around more lately too; several of them have dropped in for short visits during the past few months. Harold Nelson, '44, came back during his recent vacation from North American Aircraft where he is employed as a stress analyst. Whitey Blanciak, one of our members that we sacrificed to the army, flew in from Arkansas

to see Alabama beat Tennessee in a recent football classic. He was sporting his newly received gold bars. Also seen on the campus was Professor Warren Keith, one of our faculty members. Professor Keith is absent on leave from the University and is head of the static tests department in the aircraft branch of the Goodrich Rubber Company.

The members of Mu Chapter are showing an active part in engineering activities on the campus. Not only is the engineering representative to the Student Government Association a member of Theta Tau, but also the heads of all existing engineering societies on campus are members. These include A.S.M.E., A.I.E.E., and A.S.C.E. Four out of five members of Tau Beta Pi on the campus are also members of Theta Tau.

Mu recently lost two alumni and one active member to the armed services. The two alumni were Tony Stratton, '43, and Tony Torres, '45, the active member was Tyler Hegenwald of New Orleans, Louisiana.

Mu Chapter extends its greetings and best wishes to all wearers of the GEAR OF THETA TAU, and also expresses its confidence in the future of the fraternity.

Yours in H. & T.

MURRAY MAISEL
Corresponding Secretary

Nu Climbing Off From the Rocks

PITTSBURGH
PA.

Dear Brothers:

Nu Chapter at last can inform you that its critical period of wartime existence is at an end and that present conditions are immeasurably improved above that of six months ago. With the initiation of fourteen men at that time, we had hopes of a more active future. However, one month reduced Nu to her wartime role again of about half a dozen active members, since the end of the spring term brought about the departure of eight of the new brothers into the armed services, as well as the graduation of an equal number of seniors. Despite this severely curtailed summer membership, Nu persisted and added two new names to its chapter roll, Rolf Weil and John Harstine. This group with two newly returned veterans, Brothers Joe Franz and Merle Wolff, now provides Nu with a nucleus of thirteen settled and experienced members who expect to pledge an equal number of students to our ranks within the coming month and to continue with renewed vigor traditional chapter activities.

Nu activities since the spring issue of THE GEAR have continued unabated. On April 10th an initiation dinner was held for the fourteen new members at the Carnegie Union. In July the presentation of the Most Promising Senior Engineer Award went to Brother John W. Riggle, a very promising chemical engineering graduate active in campus publications. On the social side, the chapter had an enjoyable picnic in August at Schenley Park. In commemoration of Founders' Day,

October 15, a joint dinner meeting was held at the new Scibo Inn at which time the following officers were elected for the coming year: Benjamin L. Schwartz, Regent; Joe Franz, Vice-Regent; Karl B. Weber III, Scribe; Merle Wolff, Marshal. Professor J. M. Daniels continues in his post as Treasurer and Faculty Adviser.

Activities and honors of individual members have been outstanding. Brother Robert C. Straka is President of Student Council, and Brother Irwin M. Aisenberg is President of Inter Honoraries. Nu men in honoraries are Brothers Joel Bigelman, Benjamin L. Schwartz, and Andrew J. Pepper in Tau Beta Pi; Brothers Joe Franz and Ben Schwartz in Phi Kappa Phi, All School Scholastic Honorary, and Eta Kappa Nu, Electrical Engineering Honorary; and Brother Merle Wolff in Pi Delta Epsilon, Journalistic Honorary. The presidents of four of the campus social fraternities are Brothers Pepper, Phi Kappa; Aisenberg, Beta Sigma Rho; Straka, Delta Upsilon; and Harold A. Gottesman, Tau Delta Phi, while prominent publications officials are the managing editor of the *Carnegie Technical*, Brother Schwartz; the business manager of the *Carnegie Tartan*, Brother Gottesman; the business manager of the *Scottie*, Brother Wolff; and the features editor of the *Carnegie Technical*, Brother Bigelman. Heads of other organizations are Brothers Bigelman, President of Alpha Phi Omega, National Scout Fraternity; Pepper, President of A. S. M. E.; Schwartz, Chairman of A.I.E.E.; and Wolff, Head Cheer Leader.

Yours in H. & T.,

KARL B. WEBER III, Scribe

Pi Picking Itself Up

UNIVERSITY
VA.

Dear Brothers:

Greetings from Pi Chapter at the University of Virginia. It has been quite some while since we were last in a

position to write you of our chapter's activities, but at least we have things straightened out.

As most of you have discovered, the war played havoc with all chapters, and Pi was no exception. From June of 1944 to March of 1945, the chapter was forced to remain in a state of inactivity. The armed services took practically all of our men, while those remaining in school were enlisted either in the V-12 program or the NROTC Unit. Under these conditions, it was well nigh impossible to keep the chapter in operation.

Last March the few remaining brothers, most of whom were scheduled to graduate in June, got busy and started to put Pi back into the roster of active chapters. They threw a big rush party and invited a large number of likely looking civilians. The party was a huge success, and eight boys were pledged as a result within several weeks. Initiation last June was preceded by a banquet complete with speakers from the faculty of the University.

In July the first brother to return from the service was welcomed back. Ralph Carrel, who is probably known to many of you, brought the number of old members to—three. Elections were held soon after his arrival with the following results: Regent, J. Buckley Whitlatch; Vice-Regent, Charles B. Beverage; Treasurer, Ralph E. Carrel; and Scribe, Allen R. Marks.

Our Regent, "Bucky", is a hot rock on the campus. He is a member of Tau Beta Pi, the Raven Society, the Honor Committee, president of the engineering school, and a member of the University Student Council. Besides which, he was a member of last year's track team and will probably be so again this year.

At the present time the chapter is attempting to get out a monthly form letter to all alumni of the chapter. This letter includes a list of addresses and gives the men a little information on the present status and activity of the chapter. We hope that this type of communication with our alumni will bring

them closer to the Fraternity and also show them that they are not forgotten.

Rushing begins here very shortly, and we hope to get some fine new men into the chapter. At the present, there are only ten active members, but we plan to increase this number considerably.

Well, that's about all the dope for now, except for a most fervent wish for Fraternity prosperity and brotherhood in this post-war era.

Yours in H. & T.,

Pi Chapter

ALLEN R. MARKS, Scribe

Tau Beginning Its Comeback



Dear Brothers:

Tau Chapter of Theta Tau is once again starting to carry on in the manner that brought it recognition in the pre-war college days. Having operated on an in-

formal basis during the past summer due to the lack of members, the Chapter is now in full swing as many brothers who were out of school this summer are back. It is hoped that the annual all-engineers' ball, sponsored by Theta Tau, will be once again returned to the campus as one of its major social functions.

The officers for the coming year are: Robert Savasky, Regent; Martin Joel, Vice-Regent; Atwood Fuller, Treasurer; Robert Fehlman, Corresponding Secretary; Prof. Earl Church is our chapter adviser.

Stanley Dalrymple, who has enlisted in the merchant marine, has been a standout at end on their football team this fall. Johnny Elleman has been lost to the chapter via the draft and Dave Andrews, a recent graduate of the college, is now in the Seabees.

That just about takes care of Tau Chapter of Theta Tau Fraternity for the fall issue of THE GEAR.

Yours in H. & T.,

ROBERT SAVASKY, Regent

Chi is Reactivated



Dear Brothers:

In answer to your letter concerning the status of the Chapter I send you the following news letter. We are glad to report that Chi Chapter is active again.

The chapter officers are:

G. Russell McGibbeny, Regent; Maurice Malick, Vice-Regent; Phillip Newlin, Treasurer; Field Curry, Scribe; Peter M. Mosier, Corresponding Secretary; Prof. E. S. Borgquist, Chapter Adviser.

In the second semester of the school year for 1944-45, Chi Chapter was reactivated under the direction of Prof. E. S. Borgquist and students, Robert High and Robert Ageton.



Founders' Day Banquet at Chi. In front and center are Capt. John McNary, Major Peter Kiernan, Capt. Floyd Bluhm, just discharged.

Six new men were initiated, the first in three years. A banquet was held that spring for our graduates. Brother High receiving a B.S. in Mining Engineering and Brother Ageton a master's degree in Mining Engineering.

A Founders' Day banquet was held Sunday afternoon, October 14, 1945, and 16 members were present. This included the five active members, the Chapter Adviser, three honorary members, six alumni of Chi Chapter, and one alumnus of Omega Chapter, Robert Hernon.

Chi Chapter is proud to welcome back Bro-

ther Robert McGeorge, '46, recently discharged from the Army Air Corps.

Among the honors coming to individual members was the election of Brother Peter Mosier as the President of the student body of the University. He is also serving as President of the A.I.M.E. Brother Phillip Newlin is the President of A.S.C.E., and Brother Field Curry is the chairman of the A.I.E.E.

Yours in H. & T.,

PETER MOSIER

Omega Looks for Better Times

RAPID CITY S.D.

Dear Brothers:

We are happy to announce that things are looking up at Omega Chapter. With a large number of returning service men enrolling, and with the manpower shortage decreasing, we hope to be going full blast in the near future. We also hope to reopen the chapter house at the beginning of the winter or spring quarter. It almost seems like old times.

A smoker was held in the K. C. Hall two weeks ago as a "get acquainted" affair for new men on the campus, and we might add that Panerio was again "high" at bridge. Refreshments were served, naturally—naturally.

Election of officers was held last spring and the following were elected: Butler, Regent;

Panerio, Vice-Regent; Mogek, Scribe; Bischel, Treasurer; and Robertson, Corresponding Secretary. Brother Bump continues as adviser, and is doing an excellent job.

We are planning a pledging banquet for November 1, to be held at the Alex Johnson Hotel. We hope there is a good turnout of brothers living in and around Rapid City, and home on leave. Brothers Jukkola, Winkler, Eichelman, T. Nelson, and Taylor honored us with visits recently. We hope that more of them can do the same.

Our former adviser, Professor J. O. Kammernan, has recently returned from service with the army. We of Omega Chapter welcome him.

Yours in H. & T.,

DAVID G. ROBERTSON

Corresponding Secretary

Southwestern Alumni Association Active

Dear Brothers:

The annual meeting of the Southwestern Alumni Association was held on October 14, following the Founders' Day Dinner. Eleven members were present including three recently discharged members of the Army, Pete Kierman, Jack McNary, and Floyd Bluhm.

An election of officers was held. Elected

President was Robert A. Stephens, Chi '42, who is now holding down the job of field engineer for The Mountain States Telephone and Telegraph Company with headquarters at Tucson. I was elected as secretary for the coming year.

Yours in H. & T.,

L. J. BOOMER, Secretary

A British sailor was dancing with an American girl who was wearing a formal gown. Glancing down, the sailor asked, "Is the V for Victory?"

"Yes," replied the girl, "but the Bundles are not for Britain."

Paul: "What did the man at the garage say was wrong with your tires?"

Bill: "Well, for one thing he said the air was beginning to show through."

Golfer: "Well, caddy, how do you like my game?"

Boy: "I guess it's all right, but I still prefer golf!"

Alumni Notes

ALPHA

COMSTOCK, ELTING HOUGHTALING, Honorary, who retired this year as director of the School of Mines at the University of Minnesota, can be addressed at Dyscom Farm, Monticello, Minnesota.

WHEELER, WALTER H., '06, has been named chairman of the Committee on Education of the National Society of Professional Engineers. The committee is to make a study of the systems of education, the courses of study and the requirements for engineering degrees at the various engineering colleges, with a view to recommending changes that will raise the standards and broaden the scope of college training of professional engineers.

RUFVOLD, OLAV M., '15, who was in the Army Engineers Corps, is said to be discharged and at home in Minneapolis.

GEROW, THERON G., '20, is vice-president and manager of the Truax-Tracer Coal Co., 8 South Michigan Ave., Chicago, Illinois, and resides at 3850 Foster St., Evanston, Illinois.

CLEARY, HAROLD F., '22, who is with the Stone and Webster Engineering Corporation, has been on a project in Tennessee for some time. He gets his mail at P. O. Box 1751, Knoxville 10, Tennessee.

MARSSON, CHRISTIAN ORKIN, '22, Lieutenant, U. S. Army, has been overseas almost two years with a construction battalion. He served 13 months in New Guinea and is now in the Philippines.

ERICKSON, HUGO G., '26, returned from the army with the rank of Major. He is back with the engineering department of the City of Minneapolis, where he was promoted from paving engineer to assistant city engineer. Address: 5335 Grand Ave., S., Minneapolis, Minnesota.

HILGEDICK, WINFRED C., '26, Lt. Commander, USNR; MILLARD M. GARRISON, '30, Commander, USNR; and LLOYD V. BERKNER, '27, Commander, USNR, are all together in Washington, D. C. Berkner recently returned from a tour of sea duty in the Pacific.

JOHNSON, LAURENCE V., '27, is in the Army transportation service in charge of maintenance of way and structures. At the present time he is operating the railway system in Frankfurt, Germany. His wife and two children are living at their home in St. Paul. Address: Lt. Col. 2nd M.R.S., APO 350, c/o Postmaster, New York City.

TESKE, FREDERICK C., '27, is with the engineering department of the Soo Line Rail-

road Co. in Minneapolis. He is the proud father of a son born June 15, 1945. He also has a daughter four years old.

ALDERSON, A. DONALD, '29, is Chief Draftsman for the Soo Line Railroad Engineering Department, in Minneapolis. Send his mail to 1520 1st National Soo Line Bldg., Minneapolis, Minnesota.

DAVIES, NATHAN C., '29, is chief geologist with Bell Brothers. His mail should be sent c/o Bell Brothers, Robinson, Illinois.

BILTZ, FRANCIS J., '31, was last heard from in Germany where he was running a radio station. His wife lives at Box 345, RFD No. 1, Eatontown, New Jersey.

SOULES, WEBSTER F., '31, Lt. Col. in the Army Signal Corps, was transferred from the European area to China. According to recent information he had arrived in Kunming, China, to aid in the redeployment of troops to the United States. His wife is living at 5712 Tenth Avenue, S., Minneapolis, Minnesota.

BRIMHALL, GEORGE B., '32, is an aeronautical engineer for Pan-American Airways at Mills Field, San Francisco, California. His home is at 46 Woodworth St., Red Wood City, California.

BRITZIUS, CHARLES W., '33, succumbed to wedded bliss on August 18, 1945. He and his wife, the former Bernice A. Borgeson, were married in Minneapolis and are now living in St. Paul. Brother Britzius is the owner of the Twin City Testing & Engineering Laboratory, 2482 University Ave., St. Paul, Minnesota.

MITCHELL, SIDNEY R., '33, until recently a major with the 3rd Coast Artillery, U. S. Army, Fort McArthur, Calif., has returned to Minneapolis to his former connection with the engineering department of the Minneapolis, Northfield and Southern Railroad Co.

SCHMITT, LOUIS P., '33, is an Lieutenant in the U. S. Army Engineers. He was selected as one of a limited group for special investigation on an important project. Address: Box "E", Oak Ridge, Tennessee.

DYNEBIUS, ROY S., '34, is with the Tennessee Valley Authority and is doing well. He lives at 1219 Jordon, Cleveland, Tennessee.

JOHNSON, KENNETH R., '34, who was in France and Germany, is now on Luzon, Philippine Islands. He is Staff Sgt., with the Headquarters Co., 1157th Army Engineers "C" Group, APO 198, c/o Postmaster, San Francisco, Calif.

- JOHNSON, WESLEY H., '34, was recently discharged from the army with rank of Captain. While in the army he participated in the African invasion with an anti-aircraft company, and later returned to this country where he was assigned to the University of Minnesota as an Instructor of the R.O.T.C. unit and at Omaha, Nebraska. Brother Johnson was transferred to the 2nd Military Railway Service as Captain of Company "A" of the 746th Railway Operating Battalion.
- MARTIN, LEWIS F., '34, spends his working hours as an engineer on structural design with Paper-Calmenson & Co. He can be reached at 2166 Schaffer Ave., St. Paul, Minnesota.
- LISCHEID, WALTER E., '40, wrote to the chapter recently from Okinawa where he is based with a Corsair squadron of which he is skipper. He says "All in all we've been darn busy out here. The days have been long and the flying strenuous and in the majority of cases dangerous. My boys accounted for 29 Jap planes but sorry to say I didn't connect with any. During July I led 7 bombing missions to Kyushu, Japan, which were both destructive and damaging. We are proud of our big and believe it helped in a small way to bring the peace we have all been looking for." His address is Major, U.S.M.C., Marine Fighting Squadron 322, c/o F.P.O., San Francisco, Calif.
- LUNN, ROBERT J., '40, when last heard from was in the Army in ordnance on the Island of Oahu in the Hawaiians. He gives his address as Pvt., 37194697, Casual Co. 17, APO 11543, c/o Postmaster, San Francisco, Calif.
- PITERSON, VERNON R., '40, Lieutenant (jg) USNR, has received an honorable discharge and should now be addressed at 812 Fifth Ave., SE., Minneapolis, Minnesota.
- ST. VINCENT, FRANK, '40, is now metallurgist for the Vanadium Corporation of America at the company's Niagara Falls, New York, plant.
- MADSEN, MAXWELL H., '42, is with the Cleveland-Cliffs Iron Co. as mining and geology engineer. His mail should be sent to Ishpeming, Michigan, at 802 N. Pine Street.
- MILLER, WALTER C., '42, is in the Navy on aircraft work. Mail reaches him addressed Ensign, U.S.N.R., 509 Fourth St., Anacortes, Washington.
- NELSON, MARLOWE A., '42, Lieutenant (jg) was last heard from in San Diego, where he was on assignment with the navy.
- ANDERSON, ROBERT R., '43, was last heard from in July. He was on duty in the Pacific as assistant gunnery officer on a P.T. tender.
- DAHLBERG, HARRY R., '43, is in the navy on duty in the Pacific. His address is Lieutenant (jg) U.S.N.R. Sicch DE328, F.P.O. San Francisco, California.
- HOERSCHGEN, EBERHARD, '43, returned from duty with the Navy in the Pacific early this year and is in the Assembly and Repair Department at Jacksonville, Florida. Address: Lt. (jg) USNR, Bldg. 805, N.A.S., Jacksonville, Florida.
- JOHNSON, ARGAN N., '43, is still at New London, Connecticut, in the Navy underwater sound laboratory. He says he has obtained a great deal of good experience and has applied his surveying and structural design in his job on construction and maintenance.
- THEORSON, HARLEY, '43, was married last spring to Miss Margaret E. Oliver. They are now living in Columbus, Mississippi.
- UNDERWOOD, WARREN H., '43, is an Ensign, U.S.N.R. Since completing his training at Coronado, Calif., he has been in the southwest Pacific. While on leave last winter, he was married to Miss June Michael. Address: Ensign, U.S.N.R., U. S. Pickens, APO 190, c/o Fleet Post Office, San Francisco, Calif.
- DEAN, ROBERT T., '44, Ensign, U.S.N.R., is at sea, and gives his address, U.S.S. Columbia, c/o Fleet P. O. San Francisco, Calif.
- HOKENSON, LYNN N., '44, who has been in Okinawa, is working on air strips, highways, and miscellaneous construction projects with the Sea Bees. He reports that he recently contacted Robert Anderson, Alpha '43, and arranged with him for a meeting at which they hoped to get together with Don Hurd and John Moxness, Alpha '44, who were also on the Island with the Sea Bees. His address is Ensign, USNR, 71st N.C.B., F.P.O., San Francisco, California.
- HURD, DONALD LEWIS, '44, who, as noted above, is with the Sea Bees, has been on Okinawa. Brother Hurd's address is Ensign, 148th N.C.B., Fleet Post Office, San Francisco, California.
- OLSON, MILES B., '44, when heard from last spring was in the engineering office of the Combat Aircraft Service Unit and liked it very much. Like everyone else, he is looking forward to returning home and taking up civilian duties. Address: AOM 3/c, CASU (F) 39, c/o F.P.O., San Francisco, Calif.
- ROBERTS, JAMES E., '44, who was with the Allison Co. of General Motors, was drafted two weeks before V-J day. He took his basic training with the 76th Om. Training Co., 14th Bn., at Camp Lee, Virginia.
- RUPERT, EDWARD J., '44, who was rejected a year ago and went into the Allis Chalmers training program, has been drafted for military service. He was sent from Fort Snelling to Camp Lee, Virginia, to take his basic training.
- SCHULER, L. C., '44, who was going through officers candidate school, Corps of Engineers,

- Fort Belvoir, Va., expected to complete his requirements for a commission as 2nd Lt. about the middle of November.
- SWANSON, ALF T. E., '44, has been in the Navy since graduation. He now ranks as a radio technician 3/c. He was assigned to the west coast port of Seattle for orders and sea duty.
- COLLINSON, DELBERT E., '45, is attending midshipmen's school at Notre Dame, where he will be commissioned an ensign.
- EGGERS, GORDON H., Ex '45, is working on a large air field project with the Army Engineers in Manila. His address is T/5, 37584-721, 1542 Engineering Base Survey Co., APO 75, c/o P.M., San Francisco, Calif.

BETA

- SNELGROVE, A. K., Honorary, who is on a year's leave of absence from the Michigan College of Mines, will be visiting professor in the department of geology at Rutgers University.
- LONGAN, WALKER B., '09, has returned from South America and is now being addressed at Central City, Colorado. He had been employed as mine superintendent at Mina Tapada for some years by the Cia. Minera Choco Pasifico in Colombia.
- APELL, GIDEON A., '15, who lives at 311 Furnace St., Platteville, Wisconsin, has been assigned to the Bureau of Mines project at Platteville.
- VAN PELT, J. R., '22, is technical director of the Museum of Science and Industry in Chicago. He is an outstanding figure in science and education and has contributed much to the Museum's reputation and pioneering in educational methods.
- ROCKWELL, ORSEN A., '29, has been appointed supervisor of underground mining of the various properties worked by the Calumet & Hecla Consolidated Copper Co., Calumet, Michigan.
- BECK, PAUL C., '31, is now chief metallurgist for the Reynolds Metals Co., in the castings division.
- GAYNOR, STANLEY, '31, is employed as field engineer for Stanolind Oil & Gas Co., at Brownfield, Texas.
- ATKINS, WILLIAM ROBERT, '32, is mine superintendent for the Cleveland Cliffs Iron Co., Ishpeming, Michigan.
- BAKER, CHARLES M., '32, has a new mailing address—it's Box 38, Richland, Michigan.
- COLLINS, WILLIAM JOHN, JR., '35, is Open Hearth Observer, Wisconsin Steel Works, Chicago, Illinois.
- KOLKOSKI, RYNOLD V., '37, gives his address as 1042 Sunset Avenue, Cincinnati, 5, Ohio.
- DONOVAN, CLAIR M., '42, Captain, U. S. Army, APO No. 758, c/o Post Master, New York, gives his permanent address as 338 Gladstone Avenue, Grand Rapids, Michigan.
- WALKER, FRED MALLETT, JR., '42, is a Lieutenant in the Engineer Corps. His mail should be sent to 1014 Sixth Ave., South, Escanaba, Michigan.
- CHRISTIANSEN, RAYMOND EARL, '43, is serving in the Air Corps, USNR. His mailing address is Lakeview, Michigan.
- THOMAS, ZADOC WILLIAM, '43, Ensign USNR, asked that his mail be sent to Box 366, Humboldt, Iowa.

GAMMA

- WICHMANN, ARTHUR P., Hon., who worked for three years with the metals and minerals divisions of the Office of Civilian Requirements, War Production Board, has returned to his former peacetime duties of teaching at the Colorado School of Mines where he is associate professor of metallurgy.
- EAST, JOHN H., '10, senior mining engineer for the Bureau of Mines, left late in March for Europe for the Bureau and the State Department. During his absence mail for him should be sent to his office, 4512 Interior Bldg., Washington, D. C.
- McHUGH, P. M., '11, who for many years was with the Door Co. in Denver and New York City, is now with the Great Lakes Carbon Co., 120 Wall St., New York City, as General Manager of the Special Products Division.
- WALKER, STANLEY M., '11, is now with the National Fuel Efficiency Program of the U. S. Bureau of Mines, Room 4423 New Interior Bldg., Washington 25, D. C.
- THOMAS, LESTER C., '12, was appointed a member of the Board of Trustees of the School of Mines by Governor Vivian.
- PEARCE, JAMES W., '14, is with the James Construction Co. in St. Paul, Minnesota, where they have a contract with the Gopher Ordnance Works. His mail should be sent in care of the company, 89 East Fifth St., St. Paul.
- BURRIS, S. J., '15, receives mail at P. O. Box 238, Salt Lake City, Utah.

- DELAITRE, HORACE H., ex '15, is vice-president of the DeLaitre-Dixon Co. and resides at 1808 Irving Ave., South, Minneapolis, Minnesota.
- CONLEY, WILLIAM A., '19, has returned home from South America and can be reached at 2204 East 7th St., Tucson, Arizona.
- COULTER, RONALD SCOTT, '19, is employed as combustion engineer with the Bethlehem Steel Co., South San Francisco, California. His home address is Box 395 A, R.F.D. 2, Mountain View, Calif.
- MECHIN, RENE JEAN, '19, is manager of the Edwards Division, St. Joseph Lead Co., Edwards, New York.
- SCHADE, ROGER M., '21, is back at 520 St. Paul St., Denver, Colorado, after being in Los Banos prison camp for over 38 months.
- ALLEN, REX JOHN, '22, is a Major in Uncle Sam's Army. His permanent address is 1152 Virginia Ave., Glendale, California.
- GREGG, DONALD C., '22, who was a mining engineer in Manila before Pearl Harbor, was taken prisoner. Our latest address is in care of the American Red Cross, as Capt. D. C. Gregg, American Prisoner of War, Zentsuji War Prison Camp, Japan, via New York.
- PARKINSON, LUTE J., '22, is now general superintendent of the Braden Copper Co. in Chile. His mail should be sent to Casilla 322, Sewell, Rancagua, Chile, S. A.
- KNILL, R. R., '23, formerly safety engineer for the Union Pacific coal mines in Wyoming, is now safety engineer for the Potash Co. of America, Carlsbad, New Mexico.
- PRICE, BAILEY E., '23, has been moved to Philadelphia, Pennsylvania, by his employers, the National Electric Coil Co. His new address is in care of the company, 2202 Chestnut St., Philadelphia 3, Penn.
- SQUIRE, LATHAM, '23, Commander, USNR, is in the South Pacific. As his home was broken up by the death of his wife, mail should be sent in care of his brother, P.O. Box 1264, University, Virginia.
- TAYLOR, GEORGE KENNETH, '23, is assistant superintendent of the Ammonia Plant, Buckeye Ordnance Works, in Ashland, Kentucky. His home is at 2501 Hackworth St., Ashland.
- LAVERY, FRANK J., '25, assistant mechanical engineer with the U. S. Engineers, has moved his residence to 1601 South Marion St., Denver, 10, Colorado.
- NELSON, FRED M., '25, field manager for the Texas Gulf Sulphur Co., has his office at 1013 Second National Bank Bldg., Houston 2, Texas.
- NYLUND, E. J., '25, formerly on the faculty at the University of Arizona, is now with the War Production Board, Washington, D. C.
- POWERS, KENNETH W., '25, who is with Timken Roller Bearing Co. has a new address at 4536 Jarboe St., Kansas City 2, Missouri.
- RENKEN, HOWARD CARL, '25, is now a metallurgist at the Battelle Memorial Institute in Columbus, Ohio. His home address is 472 Colonial Ave., Worthington, Ohio.
- CORMACK, WILLIAM W., '26, Sanitary Engineer for the State of Virginia Health Department, has a change of address to 1947 Edgewood Ave., Norfolk, Virginia.
- McGHEE, JOHN S., '26, is general superintendent of the Island Creek Coal Co. and gets his mail at P. O. Box 1568, Huntington 16, West Virginia.
- CLINE, W. W., '29, is now a partner in the San Joaquin Drilling Co., 417 South Hill St., Los Angeles 13, California.
- WELLS, ROBERT W., '29, 1st Lieutenant, U. S. Engineers, has been rescued from a Jap prison camp. For some years previous to the war, he had been employed by the Honolulu Iron Works in Manila handling explosives, but joined the army immediately after Pearl Harbor. After the surrender, he was in Cabanatuan prison and later transferred to the prison at Zentsuji in Japan.
- CONGER, HENRY LAWTON, '30, engineer for the U.S.E.D. (Hawaiian Deptment) resides at 1550 K Young St., Honolulu 19, T. H.
- GERNERT, HIAL B., '30, now holds the position of district superintendent of The Texas Company, 1222 University Bldg., Denver, Colorado.
- BURRELL, IVAN B., '31, is District Superintendent for the Ohio Oil Co., with headquarters at Bridgeport, Illinois.
- AUSTIN, ARTHUR B., '32, is service man for the Hercules Powder Co., 514 N. Sergeant, Joplin, Missouri.
- PRESSETT, EUGENE, '32, is general superintendent of the Rock Asphalt Co. at Sunnyside, Utah, with main offices at 310 Dooly Bldg., Salt Lake City, Utah.
- TRUMBELL, NELSON E., '32, Lt. Col., who has retired from the U. S. Army, is now with the Ohio Oil Co., Bay City, Texas.
- FARRELL, CARL YATES, '33, Lt. Col., U.S.A., gives his address as APO 503, c/o Postmaster, San Francisco, California. His permanent address is Leesburg, Florida.
- HARRISON, ROBERT W., '33, who was released from active duty as a Major in the Corps of Engineers, U. S. Army, is a Petroleum Engineer with the Boatright & Mitchell, consulting Petroleum & Natural Gas Engineers, 1906 Second National Bank Bldg., Houston 2, Texas. He was awarded the Legion of Merit as Executive Officer of the Military Pipeline Service, Office of Chief Engineer, European Theater of Operations.
- JOHNSON, RALPH E., '33, holds the office of

- assistant manager of the Sturgeon Electric Co. of Denver. Address: 356 Albion St., Denver 7, Colorado.
- SHARP, PAUL GRAYSON**, '33, announces the birth of a daughter, Sharon Moody, on February 16, 1945. Brother Sharp is sales manager of the Mines Equipment Co., but personal mail should be sent to P. O. Box 269, Normal, Illinois.
- BRIERLY, KEPPEL**, '34, Major, U.S.A., is chief of the Solid Fuels Section of the SHAFF in Oslo, Norway. His work has taken him through Denmark, Holland, Germany, Belgium, and France, and for some time he was deputy chief for France. Major Brierly will be remembered as the fine delegate from Gamma to the 1933 Convention.
- ROSS, JOHN HENRY**, '34, is a Lieutenant (jg) USNR, now located at 6127 Fifth Ave., Kenosha, Wisconsin. His permanent address is 428 Westover Road, Kansas City, Mo.
- TOWLE, CHARLES C.**, '34, is now temporarily located at 426 South Washington St., Denver 9, Colorado, after having recently completed nine years of service in Bolivia, South America, with Patino Mines and Enterprises Cons., Inc.
- DAGGETT, WILLIS KENNETH**, '35, Major, U. S. A., gives his APO number as 956, c/o Postmaster, San Francisco, California. Mrs. Daggett and son, reside at 428 "I" St., SW, Ardmore, Oklahoma.
- SMITH, PAUL WILBERTINE**, '35, Major, U.S.A., gave APO 230, New York City, as his address but his family is living at 127 Pearl St., Apt. 3, Denver 9, Colorado.
- TURCHAN, THOMAS P.**, '35, who was Metal Plant Superintendent for Basic Magnesium Inc., at Henderson, Nevada, has gone to Clifton Junction, Manchester, England, to act as consultant for Magnesium Elektron Ltd. His home address is still 753 Sixth Avenue, Salt Lake City, Utah.
- ZADRA, JOHN ROBERT**, '35, who lives at 1922 Court St., Pueblo, Colorado, is metallurgist for the Colorado Fuel & Iron Co.
- BRADLEY, RICHARD M.**, '36, geophysicist for Cities Service Oil Co. now makes his headquarters in Bartlesville, Oklahoma, and resides at 1333 Armstrong St.
- COUCH, ROBERT GARWOOD**, '36, is reported to be in Venezuela, and is computer for the United Geophysical Co., 595 E. Colorado St., Pasadena 1, California.
- MULLINAX, JACK D.**, '37, Lieutenant Colonel commanding an Engineer Aviation Battalion, is in the Philippines. A veteran of two years of continuous overseas service, largely in forward combat areas, he has participated in numerous airborne and seaborne operations both in New Guinea and the Philippines.
- SANDS, CHARLES D.**, '37, Major, U. S. A., sends word that he is Chief of Water Supply Branch for SOS Troops in southeast China and has been very successful drilling wells. He mentioned meeting Kenneth Bowie, Gamma '30, who is CO of the 1756 E.P.D. Co. which helped lay the oil pipe line to China, and Nevin Wetzel, Gamma '34, who was engineer officer for the Chinese Combat Command.
- WEINIG, A. J., JR.**, '38, is assistant mill superintendent for the Potash Co., of America, Carlsbad, New Mexico.
- ANDERSON, L. D.**, '39, Lieutenant, U. S. Army, is in the U. S. Public Health Service, P. O. Box 245, Hilton Village, Virginia.
- FINLAY, RALPH GLEASON**, '39, is now an associate superintendent with the U. S. Engineering Division, Honolulu, T. H. He asks that mail be sent to him at 2055 Round Top Drive, Honolulu, T. H.
- HERRES, SCHUYLER A.**, '39, is now a Captain in the army and is stationed at the Watertown Arsenal, Watertown, Massachusetts. Before the war he was a Research Metallurgist at the Battelle Memorial Institute in Columbus, Ohio. Captain Herres and his family live at the Arsenal.
- MILLS, JIMMY**, '39, has been discharged after serving four years in the Air Corps. He asks that his mail be sent to Box 634, Route 4, Riverside, California.
- SWARTZ, T. G.**, '39, has been transferred to Helena, Montana, as supervisor of E. I. duPont Co. His new address is at 405 Montana Ave., Helena.
- DOWLIN, DONALD H.**, '40, Major, U. S. Army, has a new address—Hq. 95th Bomb. Grp. (H), Sioux Falls AAF, South Dakota.
- WARREN, A. W.**, '40, Captain, U. S. Army, who has been in the South Pacific since 1941, has been building airfields all over the south Pacific. His home address is 523 N.E., Hazelfern Place, Portland 13, Oregon.
- EDWARDS, FLOYD CLINTON**, '41, Captain U. S. Air Force, was released from a German prison camp and has returned to his home in Florence, Colorado.
- TAYLOR, RANDALL H.**, '41, Captain, was transferred to Wright Field, Dayton, Ohio, with 4020 AAF, Bu., from Laughlin Field, Del Rio, Texas. Captain Taylor has been overseas.
- MOSS, JOEL M.**, '42, sampler foreman for the U. S. Bureau of Mines is addressed P. O. Box 1741, Juneau, Alaska.
- MOE, RICHARD F.**, '43, Lt. U. S. Army, announces the arrival of a daughter, Evelyn, born December 8, 1944. The family home is at 7609 Park Place Blvd., Houston, Texas.
- CEDARBLADE, DONALD LEE**, '44, is Jr. Engineer with the Shell Development Co., 310 Hass-Howell Bldg., Atlanta, Georgia. Address: 2708 College Ave., Berkeley, Calif.
- VOLPI, EUGENE E.**, '44, graduated as a Petrol-

eum Engineer but joined the Navy shortly thereafter. He is S 1/c stationed at Navy Pier, Chicago, Illinois. On February 14, 1945, he was married to Miss Betty Manes of Denver. They live at Apt. 328, 4618

No. Kenmore Ave., Chicago 40, Illinois. JOHNSON, CLAUDE V., '45, harkened to "Oh, Promise Me" on January 27, 1945, when he said his "I do's" with Miss Patricia Bragg of Denver, Colorado.

DELTA

JEFFRIES, ZAY, Honorary Delta, Vice-President of General Electric, was selected as winner of the Clamer Medal of the Franklin Institute. Dr. Jeffries received the medal this year "for his meritorious contributions to the science of metals which he has placed on a new and more intelligible basis."

CLANCY, WALTER F., '21, after twenty years with Chrysler is now a member of the firm of Canning & Clancy, Inc., 14401 Euclid Ave., Cleveland, Ohio.

WICKS, HERBERT A., '22, Captain, U. S. Army, Engineer Corps, has his honorable discharge and is back home in Cleveland. He was stationed in the China-India theater, principally on the Salween Front, but also trained Chinese soldiers and visited the Chinese Air Ports.

BATES, A. ALLAN, '25, Chief research metallurgical engineer for Westinghouse returned recently from Europe where he served with a secret American research unit, asserts that the advent of the atomic bomb has eliminated the need for mass armies, and said that a large peacetime conscript army "would be useless in future wars as a classroom of boys armed with pea shooters."

DOLL, DENTON T., '27, has been appointed Assistant Professor in the Metallurgy Department of Case School of Applied Science.

GLIDDEN, JOHN, '27, Col. U. S. Army, with the 8th Air Force, was transferred to Headquarters, Army Air Forces, with the Chief of the Air Staff. His mailing address is 3711 McKinley St. NW., Washington 15, D. C.

VAUGHAN, EVAN WILLIAMS, '30, who lives at 1601 Jefferson Blvd., Sacramento, is Senior Civil Engineer, Water Resources Division, U. S. Engineer Office, Sacramento, Calif.

GRAY, GORDON N., '31, has been appointed works manager of the St. Clair plant of the Bryant Heater Co., Cleveland, Ohio. The Grays live at 3787 East Antisdale Avenue, Cleveland Heights.

PERSONS, WALLACE R., '31, has been appointed assistant sales manager of the Lincoln Electric Co., Cleveland, Ohio, world's largest producers of arc welding equipment. In his promotion to this new post, Brother Persons will act as assistant to the vice-president and general sales manager.

DEMPEY, DONALD F., '32, wants his mail sent to 4151 DuPont Bldg., Wilmington, Delaware.

SMITH, CHARLES S., JR., '37, who took graduate work at M.I.T., has become assistant professor in physics at Case School of Applied Science.

THOMAS, KENDALL E., '37, has changed his address to Camp Merrill, Pontoosuc Lake, Pittsfield, Massachusetts.

CARLSON, CARL A., '39, Lieutenant (jg) USNR, writes that he has been in the Sea Bees over two years now and still going strong. During the last ten months he has been in the Marianas.

VANDERHOOF, RICHARD A., '39, Major, U. S. Marine Corps, has seen a great deal of action. After 32 months overseas, including such stiff fights as the capture of Peleliu in the Palau group, he was sent to the artillery school at Ft. Sill. At that time he was married in Oklahoma City and in February returned to his unit in the Pacific just in time to participate in the bloody Okinawa campaign.

HENRICKSON, KARL G., '40, Lieutenant, U. S. Army, is now weather forecaster with the 19th Weather Squadron and stationed in Cairo, Egypt. Before entering the service he was with Socony-Vacuum Oil Co. in Cleveland.

DEEMS, NYAL W., '41, Lieutenant, USNR, is stationed at 908 Mary St., Ann Arbor, Michigan.

CLARK, ROBERT JOHN, '42, is chief construction engineer for Jack & Heintz, Inc., in Cleveland, and Bedford, Ohio, but mail should be sent to 49 West Washington, Chagrin Falls, Ohio.

KEMPER, ROBERT M., '42, Lieutenant, USNR, reports that he is maintenance engineer on the world's largest Floating Dry Dock and should be addressed c/o Fleet P. O. San Francisco.

SMALLWOOD, CHARLES, JR., '42, is in the U. S. Air Force, but his mail should be sent to 12767 Corbett Ave., Detroit, Michigan.

HEPPERT, ERNEST DAVID, JR., '43, Lieutenant (jg) CEC, USNR, who is serving overseas, asks that his mail be sent to 24 Fifth St., NE., Barberton, Ohio.

LIMBESON, JOHN, '43, 2nd Lieutenant, U. S. Army, went to OCS in Australia and was commissioned there.

MLAKAR, CHARLES, '43, Lieutenant (jg), USNR, was married on March 24, 1945, to Miss Martha Cruickshank. Lt. Mlakar has been assigned to a unit maintaining multi-engine aircraft. Home is at 3504 Florida St., San Diego, California.

PANEK, RICHARD EMIL, '43, 2nd Lieutenant, U. S. Air Force, wants his mail sent to 1280 West 108th St., Cleveland 2, Ohio.

SYMES, LESTER HOWARD, '43, is structural engineer for Chance Vought Aircraft Corp., Stratford, Connecticut. His alarm clock is set at 81 Emerald St., Bridgeport 4, Conn.

WISCHMEYER, WILLIAM JORGENSEN, '43, Ensign USNR, has a rather complicated address at OTD-NCTC-BarE4L Camp Endicott, Davisville, Rhode Island. His home address is 1762 Elbersson Ave., East Cleveland 12, Ohio.

BATY, HAROLD BRUCE, '44, is busily working for the Pesco Products Co., of Cleveland, as Test Engineer. He relaxes at 1755 Wyomere Ave., Cleveland, Ohio.

HIGGS, WILLIAM T., '44, Ensign USNR, wrote that his ship participated in the Okinawa campaign, and his address remains in care of the Fleet P. O. San Francisco.

KAZELEE, C. ROBERT, '44, Ensign USNR, is with the National Bureau of Standards in Washington, D. C., on special research work.

WERKMAN, STEVE, '44, Ensign USNR, is in the South Pacific.

CRAMPTON, JOHN R., '45, Ensign USNR, was married to Miss Connie Seeley in Cleveland, Ohio, early in June. He had been on a mine sweeper in England for some time.

SABLE, MORRIS, '45, S 1/c, trained at Great Lakes, is now in Washington, D. C., studying radar.

WEISE, MILTON F., '45, Ensign USNR, is another who has deserted the bachelor ranks! He was married to Miss Helen Isobel Redmond, June 18, 1945. At present he is stationed at M.I.T. studying radar.

EPSILON

HERON, CHARLES MORTON, '11, has been mine consultant for the WPB, Atlas Bldg., Salt Lake City, but mail should be sent to Apt. 3, 175 N. Main St., Salt Lake City 3, Utah.

DAVIS, SHERWIN BENNETT, '12, is in the general insurance business at 1016 First St., Napa, California, and resides at 1211 West Trancas Road, Napa.

McLAUGHLIN, DONALD H., '14, has resigned as general manager of the Cerro de Pasco Copper Corp. in Peru, of which he is also a director, since the Homestake Mining Co. of which he is president, is again in operation.

RHOADES, ROY S., '15, opulent oil geologist, spends most of his time now at his beautiful ranch home in Redlands, California.

FRASER, SYDNEY EDISON, '18, vice-president of the United Engineering Co., 298 Steuart St., San Francisco, lives at 110 Sea View Ave., Piedmont, California.

NELSON, RICHARD NEWMAN, '19, is geologist for the Standard Oil Co. of California in San Francisco. He picks up his mail at 751 Spruce St., Berkeley, Calif.

REQUA, LAWRENCE KENDALL, '19, is vice-president of the Combined Metals Reduction Co., Felt Bldg., Salt Lake City. His home is at 1470 Gilmer Drive, Salt Lake City.

HARTER, ROBERT LAWRENCE, '20, who lives at 2700 Forest Ave., Berkeley, California, is manager of the First of Boston Corporation, Russ Bldg., San Francisco.

TRESCHER, F. GEORGE, '20, is now manager of the Hercules Powder Co., 225 Bush St., San Francisco, and resides at 18 Bridge Road, Berkeley, California.

COFFE, FRANK CONWAY, '22, is manager of the River Pine Mining Co., Plymouth, California, but his permanent address is 521 B St., San Rafael, Calif.

KING, CLARENCE R., '22, has moved his headquarters to his ranch in California and can be addressed at Box 120, R.F.D. 3, Santa Ana. He will continue with his former consulting practice in Mexico as well as in the United States.

SCHENCK, HUBERT G., '22, Lt. Col., is a member of the staff appointed by Gen. Douglas MacArthur in the Tokio area. Col. Schenck, who has been named head of the natural resources section of general headquarters, will command investigation of production potentials of Japanese agriculture, forestry, fisheries, and mining. Mail should be sent to APO 500, c/o Postmaster, San Francisco.

DORRANCE, J. R., '23, is chief geologist for The Texas Co. He has a new address—1484 East California St., Pasadena 9, Calif.

RAND, WILLIAM W. B., '26, is now district geologist for the Shell Oil Co., in Tallahassee, Florida.

BAKKE, WILBUR E., '27, geologist for the First National Bank in St. Louis, has transferred his office to San Antonio, Texas, where he can be addressed at 119 Seeling St.

REA, HENRY CARTER, '27, spends his working hours with the Rea Petroleum Co., Box 957, Denver, Colorado, and relaxes at 10 Mines Park, Golden, Colorado.

ANDERSON, FRANCIS WILLIAM, '28, exploration engineer for Anaconda Copper Mining

- Co., has his headquarters at 4435 West 50th Ave., Denver 12, Colorado.
- STEPHENS, EDWARD CECIL, '28, is mining geologist for the International Smelting & Refining Co., in Salt Lake City, Utah.
- GARDNER, DION L., '29, is back in the U. S. after 37 months in the Santo Tomas prison. His address is now Box 267, Orange, Calif.
- ROSS, JAMES DONALD, '30, is now a Lieutenant Col. in the U. S. Army. He was in Singapore at the time of Pearl Harbor installing oil tanks but made an escape just before the surrender and went to Australia where he joined McArthur's force, with whom he is still serving.
- SEAGER, GEORGE FARRINGTON, '30, spends his working hours at the Union Mines Development Co., 30 E. 42nd St., New York City. Address: 29 Ferncliff Road, Scarsdale, New York.
- HYATT, WESLEY, '32, is assistant chief engineer with the Utah Fuel Co. He resides at 774 South 6th East, Salt Lake City, Utah.
- BRADLEY, JOHN D., '33, has been elected president of the Idaho Mining Association. Brother Bradley is vice-president and manager of the Bradley Mining Co., a director of the Bunker Hill & Sullivan and of the Idaho First National Bank.
- KING, FREDERICK A. HARDMAN, '33, who lives at 14 Green St., Martinez, California, is an engineer for the RFC, 200 Bush St., San Francisco.
- BOURRET, WESTON, '34, serves as mining engineer for the Union Mines Development Co., 50 East 42nd St., New York City. Mail should be sent to 29 Edgemont Road, Scarsdale, New York.
- LINDSAY, CHARLES A., '35, sends his address as 705 Hillsborough Blvd., San Mateo, Calif.
- ARTHUR, MILAN GARLAND, '37, is Production Engineer, Union Oil Co., P. O. Box 298, Cut Bank, Montana.
- CAVIGLI, HENRY J., '37, Captain, U. S. Army Air Corps, has been awarded another bronze campaign star to add to his already star-spangled European Theater Ribbon. Prior to his entry into the service in 1941, he was in the employ of the Standard Oil Co. of California.
- NEILSON, WILLIAM, JR., '37, is with the Shell Oil Co., Box 999, Bakersfield, Calif.
- HARDING, JOHN WILLIAM, JR., '38, who lives at 4503 E. Ocean Blvd., Long Beach 3, California, is a geologist for the Union Oil Co., of California in Los Angeles.
- BAKER, HAROLD W. B., '39, Captain, AAFBU 140 Moody Field, Box 83, Valdosta, Georgia, gives his permanent address as 3852 Wellborn St., San Diego 3, California.
- LARSON, CHARLES EDWARD, '39, is with the Atlas Heating & Ventilating Co., of San Francisco. He lives at 330 Sonoma Drive, San Mateo, California.
- SIRBU, MARVIN, '39, Major, U.S.A., who is stationed at Wright Field, Dayton, Ohio, with the Air Technical Service Command, announces that the stork came to his house bearing Marvin Alan, Jr., on July 15, 1945.
- THOMAS, BLAKEMORE E., '40, a Captain in the U. S. Army, is at the Base Weather Station, Reno Air Base, Reno, Nevada.
- LANDRETH, THOMAS CHART, '41, who was taken prisoner on Wake Island on December 23, 1941, has been liberated from a prison camp in Japan. His home is at 1919 Cornell Ave., Whittier, California.
- OGLE, BURDETTE ADRIAN, '41, Captain, US MC, is now at Camp Lejeune, North Carolina. He served 27 months overseas, participating in the invasions of the Solomons and Marshall Islands and has the Purple Heart.
- HAMILTON, WOODMAN C., '42, Captain, US MC, has been awarded the air medal for outstanding performance of duty while participating in aerial flight against the enemy as a pilot attached to a Marine dive bombing squadron operating in the Solomon Islands and Bismark Archipelago areas from December 1943 to June 1944. Capt. Hamilton is now an instructor at El Toro, Calif.
- HOLZGRAF, P. W., '42, a Lieutenant in the U. S. Air Corps, is stationed at Long Beach, California, and flying B-24s.
- GAY, JOHN SINCLAIR, '43, who has been master mechanic for U. S. Smelting & Refining Co. at Gold Hill, Utah, has a new address at Box 461, Bayard, New Mexico, where his employers have extensive interests.
- GESTER, PETER WARREN, '43, does geological work for the Richmond Petroleum Co., Apartado 93, Maracaibo, Venezuela, S. A.
- DETTMER, PHILIP BRADSHAW, ex '44, is a Lieutenant in the U. S. Army. His home address is 3806 Harrison St., Oakland, Calif.
- MCNEIL, DUNCAN J., '43, Ensign USNR, asks that his letters be addressed to him in care of the Fleet Post Office, San Francisco, California.
- BUSH, WILLIAM E., '45, Lieutenant, U. S. Army, gives his mailing address as 1704 111 Sutter St., San Francisco, California.

ZETA

- HOSTETLER, CURTIS B., '14, is Chief Engineer of the Castle Dome Copper Co., Inc., Miami, Arizona.
- NEWCOMER, EARL THOMAS, '15, is now President of Tribute Caskets, Inc., in Kansas City, Missouri. He can be reached at this

- address: 825 West Meyer Blvd., Kansas City, Mo.
- COLL, LAWRENCE E., '16, who is manager of the United States Metals Refining Company's enormous plant at Rahway, New Jersey, has also had charge of the Company's Duquesne Smelting Works at Pittsburgh, Pa.
- LINDSEY, ADRIAN H., '17, in charge of operations for the 96th division which battled for many weeks and months in Okinawa, has come through with two honors. He was promoted to the rank of full Colonel and won the Bronze Star for outstanding service.
- JAKOSKY, JOHN J., '20, of the University of Southern California, was elected vice-president of the Society of Exploration Geophysicists in April.
- BARRON, JAMES LLOYD, '23, is now Sanitary Engineer for the National Biscuit Co., 449 West 18th St., New York City. His home is at 180 Hilton Ave., Hempstead, Long Island, New York.
- CLAWSON, WILLIAM W., '23, does geological work for Magnolia Petroleum Co., Box 900, Dallas, Texas. His home address is 3541 Greenbrier, Dallas, Texas.
- LAWRENCE, RAY, '25, Col., U.S.A., is chief of the utilities division in the office of chief engineer in the European theatre of operations. Col. Lawrence has been located at SHEAF in Paris. His job had been putting water, electrical utilities and sanitary facilities back into operation.
- HILKEY, HAROLD, '27, spends his working hours with General Electric Co., 840 South Canal, Chicago, Illinois.
- STRAIGHT, RUSSELL, '32, Major, U. S. Army, has been awarded the Bronze Star for his part in the European campaign. His home is in Bartlesville, Oklahoma.
- WOOD, CLAIR, '32, Col. U. S. Air Corps, participated in the air war in Europe and was stationed at general headquarters for a time. In October, he wrote the Grand Scribe that he was just completing a special course at Princeton University and after a few weeks leave expected to return to Germany. His home is at 2205 Wilshire, Fort Worth, Texas.
- PRATT, DANA, '33, gives his address as 110 Edison Avenue, Erlton, New Jersey.
- WILSON, RALPH N., '33, Lt. (jg) USNR, is at the Naval Ammunition Depot at Mare Island, California.
- GRIST, JOHN WESLEY, '37, is with the A. M. Lockett & Co., in Houston, Texas. At the end of the day he is found at 4106 Tennyson, Houston.
- BARNETT, DONALD A., '38, is a work analyst for United Airlines, 5959 South Cicero St., Chicago, Illinois, and lives at 3626 Prairie, Brookfield, Illinois.
- JENZEN, HERMAN, '39, spends his working hours as Sanitary Engineer for the City and County, Topeka, Kansas, with residence at 922 Munson St., Topeka, Kansas.
- MITCHELL, ALEXANDER CLARK, '39, Major, U.S.A., announces the birth of a son, Alexander Baldwin II, on April 22, 1945, in Honolulu. Home is at 253A Lewer's Road, Honolulu 20, T. H.
- BARNETT, ALVIN L., '40, Lieutenant in the Air Corps, has been a pilot of a B-17 and is in the ferrying business out of Italy since V-E Day.
- RITCHIE, HALE DEAN, '40, Major, is with Engineering Maintenance on B-17 Bombers. He has been in the service since October 19, 1941, and is stationed in England. His present address is 839 Air Eng. Sq., 413 Air Service Gp., APO 557, New York, N. Y.
- DOUCE, WILLIAM C., '41, announced the birth of a daughter, Terri Ann, on March 15, 1945, at Phillips, Texas.
- LARGE, RICHARD D., '41, Captain, U. S. Army, announces the birth of a son on May 26, 1945, at Ft. Sill, Oklahoma, where he is stationed.
- HARNED, MALCOLM STUART, '43, received a discharge from the armed forces and is now research engineer in the laboratory of the North American Aviation, Inc., Dallas, Texas. His home is at 1227 Kings Highway, Dallas, Texas.
- NELSON, H. L., '45, was seriously damaged by the "love bug" which resulted in his marriage to Miss Virginia Griswold on February 6, 1945, at Newton, Kansas. Brother Nelson is a Lieutenant in the U. S. Air Force.

ETA

- MEDDING, WALTER L., '17, Colonel, U. S. Army, who was former executive officer for the Memphis District, U. S. Engineers, was awarded the Legion of Merit decoration for outstanding services in Italy.
- MILLER, ARTHUR MERKEL, '17, who has been with the T.V.A. originally as Works Manager of Chemical Plants at Muscle Shoals and since 1938, Director of the Department of Chemical Engineers, is now assistant to the President of Rohm & Hass Co., of Philadelphia.
- STRIBLING, S. R., '17, Col., U. S. Army, is in the Ordnance Dept. in Washington, D. C.
- McCLINTIC, HOWARD H., JR., '19, is Vice-

President of the Union Shipbuilding Co., in Pittsburgh, Pennsylvania.

BATEMAN, GLEN, '26, who has been an officer in the South African Air Forces for 5 years, and whose exploits and advancements in rank have been mentioned in previous issues of THE GEAR, was wounded in the leg and captured by the Greek Communist guerrillas last December just at the time when he was to be ordered home and released from further service. British troops liberated him later and he is now at his home in Johannesburg, Transvaal, S. Africa.

SHEPARD, DAVID, '26, has resigned from his position with the Department of State and has returned to London, England, as representative of the Standard Oil Co., of New Jersey.

HILLS, FISHER, '29, is Plant Engineer for Dewey & Almy Chemical Co., Cambridge, Massachusetts, but his home is at 76 Brantwood Road, Boston, Mass.

TOPPING, CHARLES HINCHMAN, '29, asks that his mail be sent c/o Engineering Dept., E. I. DuPont de Nemours Co., Wilmington 98, Delaware.

THETA

WOOD, ROY UDELL, '14, is Vice-President of Borden Farm Products Co., 110 Hudson St., New York City. His leisure time is spent at 585 West End Ave., New York City.

MEAGHER, EDWARD C., '21, was recently named to the Board of Governors of the Columbia University Club in New York City.

HEFFELFINGER, HEATON B., '32, is now located at 17185 East Jefferson Ave., Grosse Pointe 30, Michigan.

BROWN, ROBERT T., '33, is employed by Metal and Thermit Corporation, 120 Broadway, New York City. He lives at 341 Highland Avenue, Orange, New Jersey.

SINACORI, MARIANO N., '35, has changed his address to Olive Branch, Mississippi.

OSTERBERG, J. O., '36, has been appointed assistant professor of Civil Engineering at the Technological Institute of Northwestern University. Dr. Osterberg retains his posi-

tion as research engineer for the committee on sampling and testing, Soil Mechanics and Foundation Division of the ASCE. His time is divided between teaching and research.

HUGHES, CHARLES VON ODEN, '37, Ensign USNR, gives his permanent address as 619 West 178, New York 33, New York.

KALIL, EUGENE J., '38, who has been with International Nickell Co. at Huntington, West Virginia, has become general production metallurgical engineer in the powder metallurgy division of the General Aircraft Equipment Co., South Norwalk, Conn.

LAXAR, FRANCIS H., '43, Ensign USNR, gives 35-41 99th Street, Corona, New York, as his mailing address.

BOOTH, WELDON SUTHERLAND, '41, is engineer in charge for Spencer, White & Clay, New York City and lives at 514 East Bloomfield St., Apt. 18 A, Rome, New York.

KIRKLAND, JOHN B., '45, gives his address as 92 Glenwood Avenue, Leonia, New Jersey.

IOTA

GILL, J. P., '18, has been appointed chairman of the Executive Committee of the Vanadium-Alloy Steel Co.

MCCARTNEY, WILLIAM, '16, is now located at Fording, Louisiana.

HOUSEHOLDER, E. ROSS, '18, ex Delta, Major, U.S.A., has been stationed in Reims, France, with the G-4 Division, Solid Fuels Section of Supreme Headquarters. Major Householder has made various trips into Germany, Holland, and Belgium in connection with his work. His military address is APO 575, c/o Postmaster, New York.

MANESS, ORIE N., '18, has changed his address to 1416 E. 17th Place, Tulsa 5, Okla.

FREY, MUIR L., '22, formerly chief metallurgist on the aircraft division of the Packard Motor Car Co., is now staff metallurgical engineer for Allis Chalmers Co.

He spends his leisure time at 6419 West Wisconsin Ave., Milwaukee, Wisconsin.

JEWELL, J. E., '22, has a new home at 108 Church St., Bonne Terre, Oklahoma.

METZGER, WILLIAM HERMAN, '22, spends his working hours with J. S. McLaughlin & Sons, 710 Walnut Bldg., Des Moines, and lives at 4047 Urbandale Ave., Des Moines, Iowa.

TURNBULL, LOUIS A., '22, is with the U. S. Bureau of Mines, 4800 Forbes St., Pittsburgh 13, Pennsylvania.

HODGES, HORACE WILFRED, '23, now serves as assistant superintendent of the Colorado Fuel & Iron Co. Brother Hodges can be reached at 222 Van Buren St., Pueblo, Colo.

MURPHY, RAYMOND E., '23, who has been on the faculty at Pennsylvania State College for the past several years, has accepted a

- professorship in geography at the University of Hawaii, Honolulu. T. H. Brocher Murphy has been in educational work almost continuously since graduation.
- SIGNER, M. L., '23, Gamma Chapter adviser, has been appointed a member of the State Planning Board by the Governor of Colorado.
- TEVIS, CHARLES CYRUS, '23, who resides at 9 Pitman Place, Kirkwood 22, Missouri, is construction engineer, Division No. 6, Missouri State Highway Dept., Kirkwood, Mo.
- RATHBONE, STUART MURRAY, '25, is Construction Superintendent, U. S. Veterans Construction Service, Veterans' Administration Bldg., Washington, D. C.
- VALERIUS, CLAUDE NATHAN, '25, geologist for the Varnsdall Oil Co., has offices at 427 Ricou-Brewster Bldg., in Shreveport, Louisiana, and resides at 648 Ratcliff St., Shreveport.
- GAMMETER, ERWIN, '26, formerly chief engineer for the Bell & Zoller Coal Co., at Ziegler, Illinois, is now with Paul Weir Co., mining engineers, 307 N. Michigan Ave., Chicago, Illinois.
- KENNEDY, DANIEL O'MADIGAN, '26, Lt. Col. U.S.A., who has been on the staff of the 3rd Army, has returned from military operations in Europe, and spent a leave with his family at 1808 Vichy Road, Rolla, Mo. Col. Kennedy has been awarded Bronze Star, Purple Heart, and eight battle stars.
- MURPHY, HAROLD ARTHUR, '26, fills the capacity of engineer for L. Cedric Macabee Engineering Co., Naval Munition Storage, Concord, California. He lives at 3009 Filmore St., Alameda, California.
- THOMAS, HAROLD S., '26, who works for the Petroleum Administration for War, resides at 2527 Burling St., Chicago, Illinois.
- CUSHING, EDDIE, '27, is now with the Celotex Corporation, Chicago, Illinois.
- KRAFT, NED O., '27, Lt. Col. in Uncle Sam's Army, is now in Europe on the staff of Lt. General Lucius D. Clay.
- HISTED, HOWARD, '28, holds the position of Drafting Supervisor, Naval Drydocks, Hunters Point, San Francisco. His home is at 1826 Noraga, San Francisco, Calif.
- CLARK, MARTIN LESTER, '29, is mining engineer for Mine LaMotte Corp. at Mine LaMotte, Missouri. He lives at Farmington, Missouri.
- RUCHER, BOOKER HALL, '30, does his thinking for the Eagle-Picher Lead Co., at Joplin, Missouri, as a Research Engineer.
- BRAEUTIGAM, RAYMOND L., '33, is senior research engineer on electric logging, Sinclair Prairie Oil Co., Tulsa, Oklahoma.
- DEWALD, LEE HENRY, '33, is a Research Associate for the Massachusetts Institute of Technology in Cambridge, but lives in Belmont, Mass.
- HUNT, THEODORE W., '33, has a new address at 731 Allen St., Syracuse 10, New York.
- SPRINGER, W. R., '34, puts in his eight hours per, for the Armco International Corporation at Middletown, Ohio. His evenings are spent at 1023 Kunz St., Middletown.
- SULLENTROP, LEO JOSEPH, '34, is no less than superintendent of construction for S. G. Hayes & Co. Address: 8747 Stony Island Avenue, Chicago, Illinois.
- HUBBARD, JOHN R., '36, deserted the bachelor ranks! On August 23, 1943, he was married to Miss Gertrude Stapf in the Christ Church Cathedral in St. Louis. They live at 3515 Sidney St., St. Louis, Missouri.
- TURK, JUNIOR C., '36, migrated from Rochester, New York, to 2005 S. Ferguson, R. F. D. 8, Box 818, Springfield, Missouri.
- HOLZ, W. L., '37, was a Lieutenant in the Army until recently. He is now working as production engineer for the Gulf Oil Co., Centralia, Illinois.
- POST, SAMUEL, '37, Lt. Col., U.S.A., spent his leave in Rolla with his family at Rolla Gardens, Rolla, Mo. Col. Post had just returned from overseas duty having been stationed in Ireland in 1942, then in England, and in France in 1944. He was awarded the Bronze Star for meritorious services.
- CORNETT, ROY C., '38, Lt. Col., U.S.A., is now with the AAF Engineer Command, MTO APO 528, c/o Postmaster, New York. His home address is 419 North Liberty St., Webb City, Missouri.
- ELLIS, J. CRAIG, '38, has opened offices as consulting engineer at 3134 West Calhoun Blvd., Minneapolis 5, Minnesota. He is specializing in design, sales engineering and cost analysis.
- RUEMMLER, WALDEMAR P., '38, formerly acting resident engineer for the International Smelting & Refining Co., in Chicago, is now on the staff of the Battell Memorial Institute in Columbus, Ohio, as a research engineer.
- KIDD, HAROLD SMALLWOOD, '39, Lieutenant, U.S.A., is with the U. S. Engineer Dept., 1709 Jackson St., Omaha, Nebraska. His address is 4509 Seward, Omaha.
- OLCOTT, EUGENE L., '40, has a new address at Bldg. 8A, General Electric, Schenectady, New York.
- ENGLE, GORDON, '42, Ensign USNR, USS Chiwana, APO 68, New York, recently reported that his tanker was about to leave for the Pacific.
- HAAS, HAROLD W., '42, Lieutenant, U.S.A., who was wounded three times in the European campaign and spent some time in the hospital in England is now at his home, R. F. D. 12, Box 387, Kirkwood, Missouri.

STOWELL, ROBERT, '42, Ensign USNR, is on duty with the Navy in the Pacific. His address is Com. Serv. For. Pac. Navy 128, FPO, San Francisco, California.

WOLFF, L. C., '42, Lieutenant, USNR, is on the USS Nashville, FPO, San Francisco, California.

ECK, ROBERT A., '43, is working for the Cons. Vultee Aircraft Corp., Ft. Worth, Texas, in the engineering research laboratory. He hangs his hat at 1015 Arch Adams, Ft. Worth 7, Texas.

KASTEN, RAY, '43, recently finished his master's degree at Washington University, St. Louis, Missouri, and is with the Union Wire Rope Co., Kansas City, Mo.

SELF, OTHO R., '43, is employed by the Westinghouse Electric Corp., and lives at 125 Magnolia Ave., Long Beach, California.

THOMAS, GEORGE H., '43, Captain in the U. S. Army, has been all over the main islands of the Philippine group. His address is now Engineer Section, Hdq. 8th Army, APO 343, c/o P. M., San Francisco, Calif.

FRAME, RUSSELL E., '44, is a 1st Lieutenant

in Co. "A", 1st Pioneer Battalion, 1st Marine Division on Okinawa. His mail should be sent c/o Fleet Post Office, San Francisco.

HOFFMAN, ALBERT, JR., '44, Lieutenant, U. S. A., from last reports was with the 133rd Battalion, 34th Regiment, at Camp Livingston, Louisiana.

MILLER, GEORGE J., '44, Colonel, U.S.A., was last reported to be in Heidelberg, Germany.

MORGAN, LEWIS A., '44, Ensign USNR, wants his mail sent to 1800 N. Pine St., Rolla, Mo.

WYGANT, KENNETH N., '44, Lieutenant in the U. S. Army, has as his mailing address 307 2nd Engineer Dump Truck Co., APO 14202, c/o Postmaster, San Francisco, Cal.

CROSBY, ROBERT A., '45, is on the USS Bache (DD470), c/o Fleet Post Office, San Francisco, California.

FINLEY, CARL, '45, is employed as an electrical engineer by the Frank Horton Co., at Lamar, Missouri.

McCLINTON, JOSE G., '45, Ensign USNR, is with the 13th Naval Construction Battalion on Okinawa.

KAPPA

KING, E. E., Honorary, professor in the Civil Engineering Department at the University of Illinois, retired on September 1, 1945.

LEUTWILER, O. A., Honorary, head of the Department of Mechanical Engineering and a member of the faculty at the University of Illinois for 36 years, retired on September 1, 1945.

KRAFT, REYNOLD, '18, heads the Television sales department of NBC in New York.

INGWENSEN, BURTON, '20, Lt. Commander, USNR, will become a member of the coaching staff at Illinois as soon as he is released by the Navy.

BARTLETT, CHARLES HENRY, '21, Lieutenant, USNR, is with the Bureau of Ships, Washington, D. C. He resides at 323 Oglethorpe NW., Washington 11, D. C.

GOULD, CLIFFORD B., '21, is now a Lieutenant Colonel in the Army.

WHILT, LEONARD N., '21, whose home is in Little Rock, Arkansas, is a Major in the Engineer Corps.

JOHNSON, ERNEST C., JR., '24, is Vice-President of Gibbs & Hill, Inc., 491 Penn St., New York City. His home is at 675 Haxum, Orange, New Jersey.

TUTHILL, GRAY BUTLER, '24, who lives at 8901 Pleasant Ave., Chicago, Illinois, is President of the Tuthill Pump Co., 939 E. 95th St., Chicago.

BORGESON, CARL A., '25, Lt. Col., U. S. Army, whose home is in Red Bank, New Jersey, is one of the Signal Corps officers

who helped plan the pole line which links India and China by telephone.

ANDERSON, CORLISS D., '26, who for many years handled investments for the University of Chicago, has formed the firm of Corliss D. Anderson & Co., 208 South LaSalle St., Chicago, Illinois, to provide industrial securities analyses for institutional investors.

BUSHNELL, DONALD HENDERSON, '26, is now Assistant Chief Appraisal Engineer for The Farm Credit Corp., Stratford, Connecticut.

MICHENER, PERCY, '26, Colonel, U. S. Army, whose home is in Springfield, Illinois, has been in charge of some of the reconstruction work in Manila Harbor.

NIEMAN, ARTHUR ROBERT, '29, serves as assistant manager of the Kaiser Co., Inc., Portland Yard, Oregon, but lives at 401 Cedar St., Vancouver, Washington.

JOHNSTONE, DONALD R., '31, is a Lt. Comm. in the U. S. Navy on leave from Ohio State University. His address is 558 N. Norwood, Arlington, Virginia.

CANNON, ROBERT S., '26, is with the Creole Petroleum Corp., Apartado 889, Caracas, Venezuela.

LOGAN, ARTHUR L., '31, Lt. Col., U. S. Army, is on the Air Evaluation board in the Philippines. His home is in Middleboro, Mass.

LOW, HAROLD A., '32, is Dock Superintendent for the Missouri Valley Bridge & Iron Co., of Ft. Leavenworth, Kansas. Brother Low's home is at 1405 South Grand Ave., Evansville, Indiana.

PASHBY, ROBERT W., '32, is back in New York and asks that his mail be sent to the Shelton Hotel, Lexington Ave. at 49th St., New York 17, New York.

NAUMAN, ARTHUR C., '35, formerly an area engineer for U. S. Engineers at Spokane, has

been promoted to Colonel in the Army Service Forces on Luzon, Philippine Islands.

REINHARDT, CHARLES O., '34, Lt. Commander, USNR, announces the birth of a daughter, Barbara Lee, on July 3, 1945, in Davisville, Rhode Island.

LAMBDA

LYMAN, RICHARD ROSWELL, Honorary, maintains offices as a consulting engineer at 1084 Third Ave., Salt Lake City 3, Utah.

STOTT, GEORGE FRANK, '15, is chief engineer for the Neptune Gold Mining Co., Bonanza, Nicaragua, Central America.

SHOLES, WARREN RUE, '17, lives at 2516 Snyder Ave., Cheyenne, Wyoming. His occupation and title are a New Deal Bureaucrat's dream — Regional Conservationist, United States Range Development, Dept. of the Interior, General Land Office, 508 Boyd Bldg., Cheyenne.

BARKER, ELLIS W., '24, became a member of the Board of Regents of the University of Utah on May 8, 1945. He is the first past president of the University of Utah Alumni Association to be so honored.

BURTON, HERMAN W., '26, and his family are back in the U. S. after their long imprisonment in Santo Tomas. They now live at 521 3rd Ave., Salt Lake City, Utah.

FREDERICKSON, LOUIS JAMES, '27, who has been on our lost list, is engineer for the U. S. Public Roads Commission, Ogden, Utah, and resides at 1411 Capitol Ave., Ogden.

SEYFARTH, WALTER EDWARD, '27, engineer for the U. S. Bureau of Reclamation lives at 910 Santa Ynez Way, Sacramento, Calif.

SMEDLEY, BARR WADDUPS, '28, is draftsman for the Mt. Fuel Supply Co., and resides at 5 Harding Court, Rock Springs, Wyoming.

KOEHLER, GEORGE ARTHUR, '32, is chief engineer of the M. A. Hanna Co., iron mines, Iron River, Michigan.

KENNARD, MAX J., '34, gives his address as c/o Combined Metals Reduction Co., Pioche, Nevada.

WATTS, BLAINE, '34, is ore-buyer for the A. S. & R. Co. and can be addressed at P. O. Box 1980, Salt Lake City 13, Utah.

McKENDRICK, MAURICE NILLSON, '36, is construction engineer in Bremerton, Wash-

ington, for Sound-Kievit Co., but his mail should be sent to 1206 Laird Ave., Salt Lake City, Utah.

IVERS, JAMES, JR., '37, Major, U. S. Army, returned to his home at 564 E. First South, Salt Lake City, Utah, last summer after more than three years of service in Europe. He was maintenance engineer of the 31st fighter squadron and was in England, Africa, Sicily, and Italy, with his outfit. He received the Legion of Merit for his outstanding work. On October 8, 1945, he was married to Miss Catherine Meagher of Salt Lake City and they are living in Santa Ana, Calif.

SUNSHION, HENRY T., '38, Captain, U. S. Army, has been relieved of active duty.

JONES, CALVIN MEYERHOFER, '43, is an Ensign OVSM, Naval Ordnance. His home is at 100 East State St., Copperton, Bingham Canyon, Utah.

CARTER, G. LAEL, '44, entered into the blissful state of matrimony with Miss Rowena Ashton of Salt Lake City, on October 1, 1945. He is the son of L. G. Carter of Park Valley, Utah, and has just graduated from Naval Radar School.

WYATT, KENNETH RAY, '44, is an Ensign USNR, and gives his naval address as USS Kitty Hawk, c/o Fleet Post Office, San Francisco. His home address is No. 14, B & G Row, Magna, Utah.

ANDERSON, RICHARD KENDALL, ex '45, USNR, was married on April 14, 1945, to Miss Luella Gay Theriot, of Salt Lake City. He is in training at New London, Conn.

CHRISTENSEN, HAL W., '45, RT 3/c USNR, and Miss Shirley Rae Olson were married in Salt Lake City on August 29, 1945. He is the son of Mr. and Mrs. James L. Christensen, 1354 Stratford Ave., Salt Lake City, and is stationed in San Francisco.

MU

TAYLOR, GEORGE WILLIAM, '32, Lieutenant in the Army Air Corps, can be reached through APO 953, San Francisco, California. His home address is 2121 16th Ave., South, Birmingham, Alabama.

LANCASTER, BELTON R., '36, has a new mail box—ic's at 1716 Twenty-first Avenue, Apt. No. 4, Gulfport, Mississippi.

REID, ARTHUR RUDDIMANN, '39, is assistant production manager of the Ingalls Iron

Works, in Birmingham, Alabama. He picks up his mail at 605 Idlewild Circle, Birmingham.

ACKERMANN, KENNETH GEORGE, '43, is an Ensign USNR, USS Poseidon, Fleet P. O., New York City, but mail should be sent to 3107 South Ridgeland Ave., Berwyn, Illinois.

HEGENWALD, JAMES FRANCIS, '43, was married in Los Angeles on February 15, 1945, to Miss Rebecca Lou Coleman of Tuscaloosa, Alabama. Brother Hegenwald is with North

American Aviation, Inc., in Inglewood and they reside at 1934 Wellington Road, Los Angeles, Calif.

McCOLLUM, PAUL E., '43, has changed his address to 5001 South Boyle Ave., Los Angeles 11, California.

COMISAROW, PAUL, '44, is an aeronautical engineer for the National Advisory Comm. for Aeronautics at Langley Field, Virginia. He lives at Apt. 86-D, Elizabeth Road, Hampton, Virginia.

NU

JOHNSON, HORACE H., '22, is Branch Manager for the National Cash Register Co., in Pittsburgh, Pennsylvania.

ALLISON, FRANKLIN H., JR., '23, is now chief metallurgist for the United Engineering & Foundry Co. at Pittsburgh, Pennsylvania. After graduation from Carnegie, he was in the Westinghouse laboratory for a year and then went to the University of Sheffield in England for his Ph.D. in Metallurgy. He joined the United organization in 1934.

THOMPSON, NELSON, '23, is Vice-President of the Homelite Corporation and lives in Greenwich, Connecticut.

McDONALD, MICHAEL D., '24, is Engineer for New York State Department of Public Works at Buffalo.

SCHUCKER, PAUL FREDERICK, '24, is now manager of the Export Department, Charles A. Koons & Co., 620 Fifth Ave., New York City.

O'CONNOR, JOHN M., '26, Major, U. S. Army, Corps of Engineers, has had a distinguished record building airbases in India.

SMITH, VINCENT B., '26, is Associate Editor of "Construction Methods" published by the McGraw-Hill Publishing Co., New York.

WAGNER, F. LESLIE, '26, has been re-elected president of the Chamber of Commerce of Dubuque, Iowa, where he is with a manufacturing plant.

DALTON, DONALD G., '27, has been appointed assistant general patent attorney for the patent bureau of the United States Steel Corporation of Delaware, Pittsburgh.

JACOBS, JOHN E., '28, is assistant to the General Manager, Bethlehem Steel Co., in Buffalo, New York.

McMULLAN, SAMUEL A., '28, reports the birth of a daughter, Kathleen Grace, now over one year old, and says he is with the American Bridge Co. in the Frick Bldg., Pittsburgh, Pennsylvania.

PUTT, DONALD L., '28, Colonel, U. S. Army, is now Director of Technical Services of the Air Technical Service Command in Europe.

RALSTON, STEWART C., '29, pulled up stakes in Pittsburgh and left for California for his son's health. He has accepted a position with the Pacific Telephone & Telegraph Co. as Camp Manager for Camp San Luis Obispo and also the Naval Amphibious Training Base at Morro Bay.

WILE, GEORGE MANSFIELD, '29, is engineer for the Mfg. Mutual Fire Insurance Co., 60 Batterymarch, Boston, Massachusetts. His home is at Waban, Mass.

CRICQUI, ALBERT E., '32, is Mechanical Engineer for Buffalo Forge Co.

CRIDER, HARRY R., '33, announces the birth of a daughter, Susan Reed, on October 3, 1943. Brother Crider was recalled to active duty for the third time last year and received training as a telephone repeaterman at Camp Crowder, Missouri.

LOWREY, FRANCIS T., '34, is a Major in the Army.

WESTIN, HENRY C., '34, Lieutenant, USNR, is in the Office of Patents & Inventions, Navy Dept., Washington, D. C.

BORN, JOHN E., '35, spends his working hours as a design engineer for the Falk Corp. in Milwaukee, Wisconsin, manufacturers of power transmission machinery and steel castings.

NETZER, BENNIE N., '35, is with the U. S. Engineer Corps in Pittsburgh, Pennsylvania.

DAUGHTON, GLENN B., '37, Major, returned to his unit in Burma after completing some additional work in Florida.

GIORDANO, SAMUEL R., '38, Captain, U. S. Army, is Signal Officer at Fort Eustis, Va.

ARMSTRONG, DONALD E., '39, is a Lt. Col. in the Army.

HENDERSON, MELVIN D., '39, Lt. Col. USMC, is with the Fourth Engineer Battalion of the Fourth Marine Division, and has participated in the campaigns on Kwajalein, Saipan, Tinian, and Iwo in his 22 months overseas. His wife and son are living in Spokane, Washington.

ROTZLER, ROSS WILLIAM, '40, is with Monsanto Chemical Co. in Marshall, Wash.

BUB, ROBERT A., '42, was married June 23, 1945, to Miss Ruth A. Rhodes. Brother Bub is employed at Hamilton Standard Propellers, East Hartford, Conn. He relaxes at 1199 Main Street, Newington 11, Conn.

McCLURE, FRANK N., '42, Lieutenant, U.S.A., has been stationed in the Caribbean.

O'BRIEN, JOHN TERRANCE, '42, Captain, E. C., U.S.A., APO 204, New York, wants his mail sent to 585 Fayette St., Washington, Pennsylvania.

STEELE, ARTHUR E., '42, Captain, U. S. Army, has been conducting a school for the operation and maintenance of mobile 02 and C2H2 Plants.

WILLIAMS, MAX, JR., '42, Lieutenant, U. S. Army, has been assigned to the Flight Section, ATSC Headquarters, Wright Field, Ohio. Lt. Williams served ten months in Italy as repair and maintenance of aircraft officer and wears the Distinguished Unit Citation ribbon.

MARCIN, BENJAMIN GEORGE, '43, engineer for

the Penn Ry., resides at 1638 West Second St., Brooklyn 23, New York.

CULBERTSON, ROBERT W., '44, Lieutenant, U.S.A., is Platoon commander, 259th Engineer Combat Battalion, Ft. Belvoir, Va.

LEONE, WILLIAM C., '44, Ensign USNR, was last reported to be a project engineer in the Engineering Division at Armitage Field, California.

RIGGLE, JOHN W., '45, is attending the Graduate School, University of Michigan, Ann Arbor.

SCHACHER, DANIEL L., '45, is with Allen B. DuMont Laboratories, Inc., Passaic, New Jersey.

BINGHAM, RICHARD STEPHEN, JR., '46, wrote to the Grand Scribe from Tubabao, Samar, Philippines, and gave his naval address as follows: R. S. Bingham, RT 3/C, 924-58-64, Navy No. 3149-R/S, c/o Fleet P. O. San Francisco, California, while his home address is 119 West Poplar St., Floral Park, Long Island, New York.

XI

LITTLE, GEORGE FREDERICK, '27, U. S. Army is Post Engineer, Romulus Army Airfield, Romulus, Michigan, but mail should be sent to 382 Prospect St., Muskegon, Mich.

OMICRON

HOWE, HERBERT E., '26, was released from the Navy following the death of his wife this spring and has gone with the Amburns Engineering Co. of Houston, Texas. He writes that this company is undertaking the design and construction of a large dam and still needs many engineers and draftsmen for its staff.

NIELSEN, EDWIN G., '26, engineer for the U. S. Bureau of Reclamation, is living at 521 Avenue K, Boulder City, Nevada.

EDWARDS, FRANK WILLIAM, '28, formerly assistant professor of Civil Engineering, Penn State College, State College, Pennsylvania, is back with the U. S. Engineer Corps and is in the Omaha office figuring out things for the Missouri River to do.

RICHTER, VICTOR JOHN, '28, is a senior construction engineer for the War Dept., Pentagon Bldg., Washington, D. C. His

home is at 107 Lexington Drive, Woodmoor, Silver Springs, Maryland.

BRICE, HERMAN D., '34, gives his address as 209-15 110th Avenue, Bellaire 9, Long Island, New York.

BOWMAN, JAMES WILLIAM, '40, who is in the Army, wants his mail sent c/o James S. Bowman, Holston Hills, R. R. No. 6, Knoxville, Tennessee.

KIPPENHAN, CHARLES JACOB, '40, Lieutenant, U. S. Navy, gives his address, c/o Fleet Post Office, San Francisco, California.

STILLER, MARTIN, '40, is out in the Pacific. He is addressed Lt. (jg) Stiller, CASU-25, c/o F. P. O., New York, N. Y.

NORGAARD, JENS, '41, is back from the wars and has tossed his silver oak leaves into a dresser drawer while he decides which of several engineering outfits he will work for.

PI

HARTMAN, FRANK E., Honorary, is superintendent of buildings and grounds at the University of Virginia. His home address is 407 Ridge St., Charlottesville, Va.

WARREN, S. POWER, Honorary, who has been with Metals Reserve Corp. in Washington now has a new post with the Plant Utilization Group of the Defense Plant Corpora-

- tion. He asks that his mail be sent to 1910 Kalorama Road NW., Apt. 406, Washington 9, D. C.
- KIENER, TYLER BAINBRIDGE, '24, is superintendent of the Fredericksburg & Spottsylvania National Military Park, but mail should be sent to 1013 Lafayette Blvd., Fredericksburg, Virginia.
- HIBBERT, MALCOLM GLCHRIST, '25, spends his time as design engineer in the Utilities Department, City of Houston, and resides at 2209 Herman Drive, Houston, Texas.
- MOORE, JOSEPH, '21, Lt. Col., U.S.A., was last reported to be in Manila dealing with the supply problems.
- LINVILLE, T. M., '26, returned from Europe in July where he has served as technical expert as a member of the U. S. Naval Technical Mission whose purpose was to examine the propulsion machinery of German submarines and other naval vessels.
- PARKER, JACOB SILAS, JR., '26, who lives at 450 Cherry St., Elizabeth 1, New Jersey, is job engineer for The Lummus Co., 420 Lexington Ave., New York City.
- VOUGHT, HARRY KEYSER, '26, Lt. Commander, USNR, is living at 15 North Drive, Malba, New York.
- COWGILL, JOSEPH MORELAND, '37, is serving in Uncle Sam's Army and asks that his mail be sent c/o Dr. Mayo, 170 West Main St., Greenfield, Tennessee.
- COOPER, ROBERT G., '38, was released from Los Banos prison camp on February 23, 1945. Pearl Harbor found him doing engineering work at Cavite, Philippine Islands, and he had been a prisoner for three long years. Brother Cooper is now at home in Virginia.
- DINWIDDIE, H. A., '39, announces the birth of a daughter, Cherly Diane, on September 9, 1945, at Greensboro, North Carolina.
- KINNIER, HENRY, '42, Ensign USNR, was last reported to be in Subic Bay near Manila. His home is at 1554 N. Danville St., Arlington, Virginia.
- LOWE, CARLTON, '42, was married on July 1, 1945, to Miss Olga Sera of New York City. He has been overseas in Italy with the 47th Bomb Wing of the 15th Air Force as Technical Representative, but returned home to take some special training.
- RATHBUN, KENNETH, '42, is living in Oak Ridge, Tennessee.
- JANSSEN, BENNO, JR., '44, Ensign USNR, was assigned to the USS Missouri and was present when the Jap envoys came aboard to sign the final surrender documents.
- BOLTON, ANDREW, JR., '45, has been transferred from Gulfport, Mississippi, to Lakehurst, New Jersey, where he is studying Aerography. He is \$1/c.
- FINNEGAN, PAUL W., '45, T/Sgt., U. S. Air Force, has been decorated with the Distinguished Flying Cross and seven other medals for his outstanding performance of duty in the Mediterranean theatre.
- JANSSEN, PAT, '45, 2nd Lt. and Navigator of the Army Air Force is at present stationed at Amarillo, Texas.

RHO

- MOUNTCASTLE, EARLE LANGLEY, '26, is field engineer for The Elliott Co., 310 Haas-Howell Bldg., Atlanta, Georgia, and lives at 835 Argonne Ave., NE., Atlanta.
- CLIFFORD, DAVID P., '28, Captain, U.S.A., after having spent almost a year with the Army Sanitary Corps in New Guinea, was forced to return home because of a heart attack and is now living at Dunn, North Carolina.
- BROWN, MILES WENDELL, '29, has written the Grand Scribe that he is engineer O.S.R.D. APO 413, c/o U. S. Embassy, Postmaster, New York City. Mail should be sent to him c/o C. W. Brown, R.F.D. No. 6, Statesville, North Carolina.
- HIBBARD, CHARLES EDWARD, '29, Lt. USNR, is in the District Security Office, Naval Operating Base, Norfolk, Virginia. Address: 8213 Gygas Road, Norfolk, Virginia.
- PARRISH, WILLIAM COLLIER, '29, Major Engineer Corps, U.S.A., is now with the 1863rd Engineer Aviation Battalion, Gulfport, Mississippi. His home is at 833 Battlefield Drive, Nashville, Tennessee. Brother Parrish was awarded the Legion of Merit in 1943.
- JONES, D. E., '30, Lt. Commander, USNR, who has been stationed in Charleston at the headquarters of the 6th Naval District, has been transferred abroad and should be addressed c/o Fleet Post Office, San Francisco, California.
- WHITAKER, WILLIAM JUSTICE, '31, is with the U. S. Industrial Chemicals, Inc., Box 1797, Baltimore 3, Maryland.
- GORHAM, FRANK W., '32, Captain, U.S.A., at Ft. Hamilton, New York, announces the arrival of a daughter, Phyllis Sargeant, on April 19, 1945, in Brooklyn, N. Y.
- HODGES, T. L., '32, has a new residential address at 3803 Calvert St. NE., Washington, D. C.
- WILLIAMS, HIRAM ELLWOOD, '32, at the end of the day is found at 8 Ashe St., Leaksville, North Carolina.
- RIVENBARK, TEAL A., '37, Major, U. S. Army, has returned from military service in Europe and is now stationed with the

- Readjustment Division, Central District A. T. S. C., Chicago, Illinois, 211 E. North Water St.
- ASBURY, LOUIS H., JR., '38, Lieutenant (jg) USNR, announces the birth of a daughter, Katherine Lee, on July 26, 1945, in Inyokern, California.
- MOORE, C. N., '39, lives at 137 Tulane Road, Kenmore 12, New York.
- KOLARIK, THEODORE, '40, Major, U.S.A., is overseas with an APO, New York City.
- NAKONECZNY, MICHAEL WILLIAM, '40, is a production engineer with Bechtel, McCone, Parsons Corp., and resides at Apt. A-1, 901 Oakmoor Road, Birmingham 9, Alabama.
- HALSTED, BRUCE C., '41, is the proud father of a daughter, Margaret Ann, who came to live with them on August 28, 1945. His wife is the former Anna Laura Stephenson of Huntington, West Virginia.
- BRYANT, WILBUR, '42, Major, U. S. Army, of Wilmington, North Carolina, has received an honorable discharge from the army.
- LAMBE, THOMAS WILLIAM, '42, does his thinking for Dames & Moore, Russ Bldg., San Francisco, as research engineer, and lives at 2215 Channing Way, Apt. 2, Berkeley, California.
- STOUT, PAUL E., '42, Captain, U. S. Army, and Miss Virginia May Stewart of Riverside, California, were married on February 11, 1945, at the First Baptist Church in Riverside. Captain Stout has been stationed at the Mira Loma Quartermaster Depot, Mira Loma, Calif.
- AUSMAN, ROBERT PAUL, '43, has a change of address to 17 Church St., Phoenix, New York.
- BETTS, JOSEPH KENDALL, '43, Lieutenant in the U. S. Army, has a new address at 31 E. Center St., Woodbury, New Jersey.
- CRAVEN, DOUGLAS A., '43, Lieutenant in the U. S. Army, has given his address as P. O. Box 167, Fayetteville, North Carolina.
- FEREBEEN, STEPHEN SCOTT, JR., '43, and 1st Lt. Mary E. Cooper, AMC, were married on July 7, 1945.
- HECHT, W. J., JR., '43, Ensign USNR, was married on January 30, 1945, to Miss Verona Eunice Kampschmidt at Our Saviour's Lutheran Church in Portland, Oregon.
- HUMPHREYS, HAROLD WESLEY, '43, is Jr. Naval Architect, U. S. Naval Yard, Charleston, South Carolina. He picks up his mail at 107 First St., North Charleston, S. C.
- KELLEY, JAMES FREDERICK, '43, is a Naval Architect, P-1, Bldg. 8, Navy Yard, Charleston, South Carolina, and lives at 23 State St., Charleston.
- NICKS, ROBERT E., '43, Lieutenant in the U. S. A., is in Wilmington, Ohio.
- RHYNE, CHARLES T., '43, has changed his address from Charleston, South Carolina, to Newport, Tennessee.
- STOCKHARD, HENRY FEROME, JR., '43, 1st Lt., U. S. Army, who was seriously wounded at Cologne on March 1, 1945, was moved to the McClosky General Hospital at Temple, Texas, after temporary treatment in Europe. His friends will be delighted to hear that he has been released and is at his home in Raleigh.
- STURKEY, JAMES MILTON, '43, Lieutenant, US NR, can be reached c/o Fleet P. O., San Francisco.
- BARNES, FLOYD P., '44, Pvt., U.S.A., is with the veteran 33rd Infantry Division that did so much fighting in northern Luzon. Pvt. Barnes, who entered the Army in September 1944, is the son of Mr. and Mrs. Lewis E. Barnes, Route 4, Henderson, North Carolina.
- JOHNSON, MYATT B., '44, ranked second highest in the graduating battalion at the U. S. Navy Pre-Flight School in Athens, Georgia. His home is in Bahama, North Carolina. Brother Johnson is a Naval Aviation Cadet.
- PAGE, PRESTON D., '44, Lieutenant, U. S. Army, has an APO address, San Francisco.
- SMITHWICK, ROBERT W., '44, Lieutenant, U.S. Army, who was reported missing in action in the last issue of THE GEAR, was found to be a prisoner in Germany. He was liberated in due time and is now at his home in Louisburg, North Carolina.

SIGMA

- GLASS, R. G., '24, who has been serving overseas, has returned to civilian life and has again resumed the duties of Grand Regent, the office to which he was elected at the last convention. His mailing address is 23401 Chardon Road, Euclid, Ohio.
- KAUSER, THEODORE JOSEPH, '28, is assistant managing director for the American Concrete Pipe Association, Munsey Bldg., Washington, D. C., but resides at 1410 Dale Drive, Springs, Maryland.
- LEMAY, CURTIS E., '28, Major, U. S. Army, was greatly honored by the offer to fill Harold H. Burton's unexpired term in the U. S. Senate, but was unable to accept because he could not get a year's leave of absence from the army. (See article on Brother LeMay up front).
- DIEHL, ROBERT MOORE, '31, is spending his working hours as engineer for the Morrison-Knudsen Co.'s branch office, P. O. Box 1488, Stockton, California.
- WOLFORD, DON S., '34, has changed his address to 2500 Fleming Road, Middletown, Ohio.
- RUEWE, LYMAN F., '35, announces the birth

of a daughter on January 22, 1945. The family home is at 357 Bartley Ave., Mansfield, Ohio.

SLOANE, RICHARD LEWIS, '38, who lives at 516 11th E. Street, Salt Lake City, Utah, is assistant professor of Civil Engineering at the University of Utah.

GARVEY, JAMES E., ex '40, Captain, U. S. Army, whose home is in Brecksville, was reported a prisoner in Germany last spring.

SNELKER, JAMES WALLACE, '45, has joined the staff of the Battelle Memorial Institute in Columbus, Ohio.

TAU

GIBBS, FREDERICK SCOTT, '29, is District Manager for Wallace & Tiernan Co., 1262 Commonwealth, Boston 34, but his home is at 82 Allen Ave., Waban, via Boston, Mass.

SOBIERALSKI, VALENTINE RALPH, '31, Lieutenant (jg) USNR, is with the U. S. Coast & Geodetic Survey, 400 Insurance Bldg., Seattle 4, Washington.

FLOYD, ROBERT, '37, is assistant engineer of the Dobbie Foundry & Machine Co., Portage Road, Niagara Falls, New York, and resides at 150 Wallace Drive, Grand Island, New York.

WELLS, E. F., '40, has a new mailing address—it's Alps Road, Paterson, R. D. No. 4, New Jersey.

CURTIN, JOSEPH RAYMOND, '42, is with the Safety Division of the Chamber of Commerce in Syracuse, New York. His home is at 521 Glenwood Ave., Syracuse.

ROLAND, JOHN JAMES, '42, Ensign USNR, wants his mail sent to 151 East Fourth St., Oswego, New York.

McDOWELL, JOHN A., '45, Ensign USNR, gives his permanent address as C.B.M.V. No. 602, F. P. O., San Francisco, California.

UPSILON

CLEMMONS, C. B., '33, gives his address as 1603 West 14th, Pine Bluff, Arkansas.

JONES, J. MACK, '36, Lieutenant, U. S. Army, telephoned the Grand Scribe as he was passing through Reno on his way to the Air Field at Corpus Christie, Texas, where he will be stationed.

BULLOCK, RICHARD B., '40, Captain, U. S. Army, was in charge of the renovation of five Italian tire and rubber goods plants.

DUNKLE, WILLIAM FRANKLIN, '41, Junior Hydraulic Engineer, USGS, asks that his mail be sent to 1210 Jones St., Little Rock, Arkansas.

RANDOLPH, JOHN BRENTS, JR., '41, Lieutenant (jg) USNR, whose home is in Altus, Arkansas, was awarded the Bronze Star for heroic action while on submarine duty in the Pacific.

SEELY, LLOYD JACK, '41, who lives at 434 Taft St., Gary, Indiana, is employed as a structural engineer for the American Bridge Co. in Gary.

BOND, CYRUS, '42, Lieutenant, U. S. Army, is with the armed forces on Leyte.

PATTERSON, WILLIAM N., '42, Lieutenant in

Uncle Sam's Army, has recently gone overseas. His wife is making her home with her parents in Little Rock, Arkansas.

TOLER, RAY W., ex '42, Lieutenant, is now serving the Army Signal Corps in the Pacific.

COMBS, ROBERT H., '43, Lieutenant, U. S. Army, whose home is in El Dorado, Arkansas, returned this summer from eight months' service in the Aleutian Islands. He was married to Miss Toni Louise Rogers of El Dorado.

PENDELTON, JOSEPH TROY, '43, of Paris, Arkansas, was commissioned an Ensign in the Naval Reserve and assigned as an aviator to the Naval Air Base at Pensacola, Florida.

BROWNE, HUGH W., '44, USNR, is at Princeton University awaiting assignment to midshipman school.

McKEHAN, MACLYN, '46, whose home is in Fayetteville, Arkansas, is at the University of Utah in Salt Lake City, taking a four-year course in engineering in the Naval ROTC after completing radar training under the naval program which recently terminated in Chicago.

CHI

MINTON, DAVID C., JR., '30, has returned to the Battelle Memorial Institute in Columbus, Ohio, from Washington, D. C., where he was research supervisor of war metallurgy of the National Academy of Science since

1942.

BACON, FRANK, O., '31, after being released from Santo Tomas prison in Manila, became attached to an Army Engineering unit in Manila.

- HOUSTON, ROBERT L., '31, Captain, U. S. Army, has his mail sent to 823 S. 2nd Avenue, Tucson, Arizona.
- BARRY, LIN LALZELL, '32, is manager for the Barber Asphalt Co., at its Gilsonite mines in eastern Utah. His mail should be sent addressed to Bonanza Mine via Jensen, Utah, or via Craig, Colorado.
- CLARK, HENRY D., '32, wife and son were released from Santo Tomas prison camp but remained in Manila where he is helping reorganize and reopen the Lepanto Construction Copper Co., where he was employed before the war. The Clarks hope to return home in a few months.
- KIERMAN, PETER, '32, Major, has been released from the army. He has just purchased a new home in Phoenix at 3013 N. 16th Drive.
- PEREZ, GINES, '34, Lt. Col. U. S. Army, is in Japan with the 1st Cav. Division, APO 201, c/o Postmaster, San Francisco.
- POWELL, COLINS M., '35, is a highway engineer with the U. S. Indian Service in Oklahoma City, Oklahoma.
- BEJECK, OTTO J., '37, has accepted a position as assistant engineer for the Los Angeles County sanitation district. A ten million dollar post-war project is under way which will keep him busy for ten years.
- HOUSTON, CLYDE E., '37, is the hydraulic engineer for the soil conservation service at Reno, Nevada. He is the proud father of a son, Michael Harris, born May 20, 1945, in Reno.
- MCMARY, JOHN A., '37, Captain, has been released from the army and has accepted a position as construction engineer for the Standard Oil Co., in Mesa, Arizona.
- BORGQUIST, NEIL E., '39, Ensign, received a commission in the Seabees on September 8, 1945, and is now serving on Guam. He was recently married to Rita Attridge of Providence, Rhode Island.
- NICHOLAS, CHARLES, '39, Lt. Commander, USNR, announces the birth of a daughter, a second child, July 17, 1944.
- BLUMH, FLOYD, '40, Captain, has been released from Army Air Corps and had accepted a position with the U.S.G.S. ground-water division at Phoenix, Arizona.
- CALDWELL, EDWARD J., '40, is the smelter superintendent of the Magna Copper Company in Superior, Arizona.
- KING, FRANK RAYMOND, '40, Major, 1st Cav. U. S. Army, has an APO address in San Francisco, but mail should be sent to 109 Olive Road, Tucson, Arizona.
- ZERFOSS, GEORGE F., '40, Sergeant, writes that he is in England waiting to be sent home. In the meantime he is taking a course in Mining at Sheffield, England, studying coal mining methods.
- KING, THOMAS C., '43, Ensign USNR, was on the escort carrier, Rudyerd Bay in landing and covering battles on Okinawa.
- KINNEY, WILLIAM H., '43, 1st Lt., U. S. Army, has returned to Birmingham General Hospital, Van Nuys, California, after spending 30 days with his parents in Tucson. He was wounded on April 1, in Europe and has been awarded the Purple Heart, the Bronze Star with cluster, the Silver Star, and the French Croix de Guerre with Silver Star.
- KOMADINA, GEORGE, '43, Pfc., transferred from the 14th Armored Division to the 191 Tank Battalion, and finished the war with Patton's Third Army near the Austrian border.
- WILBUR, GEORGE EVERETT, '43, is an estimating engineer for Allison Steel Co., in Phoenix, Arizona. He lives at 842 Van Ness Ave., Tempe, Arizona.
- MCGEORGE, ROBERT M., '44, Lieutenant, U. S. Army, is now stationed at Ellington Field, Texas, having served for some months as a navigator with the 15th Air Force in Italy. He has the Air Medal with two Oak Leaf clusters.
- SOULE, VAN H., '44, of the 55th FTR Gp. 38th FTR Sqdn., was discharged on September 4, 1945, after three years in service. He plans to enter the University of Arizona the second semester to continue his course in mining engineering.

PSI

- SHUE, GEORGE LLEWELLYN, Honorary, who is research engineer for Consolidated Aircraft Corp., San Diego, California, spends his leisure time at 4575 College Ave., San Diego.
- WILSON, ARTHUR O., '32, has been transferred from the Rolla, Missouri, station of the U. S. Bureau of Mines to the station at Chamberlain, South Dakota, where he receives mail at Box 639.
- WILLIAMS, MELVIN E., '36, who spent several years in the United States, has returned to his former employers, Cotopaxi Exploration Co., Casilla 655, Guayaquil, Ecuador, S. A.
- PRATER, LEWIS SEWARD, '37, is assistant metallurgist for the Idaho Bureau of Mines & Geology. He gives his address at 506 East A St., Moscow, Idaho.
- PRATER, JOHN DINGLE, '39, is a Junior Metallurgist for the U. S. Bureau of Mines in Salt Lake City. His home is at 288 Douglas St., Salt Lake City.
- JOHNSON, THOR, '41, who received his M.S.

at Carnegie this year, is a Lieutenant in the U. S. Navy. His address is 1817 Wilson Ave., Bethlehem, Pennsylvania.

ROWE, MATTHEW P., '41, is with the Hockley Gypsum Co., Waller, Texas.

LESKELA, WILLIARD, '42, Lieutenant, U. S. Army, is with the weather service of Air Transport Command, Fairbanks, Alaska.

McMAHON, JAMES H., '42, has a new address at 5711 S. Kimbark Avenue, Chicago 37, Illinois.

WARD, CARROLL JAMES, '42, is mining engineer for the Mike Horse Mining & Milling Co. at Mike Horse, Montana, which has recently been purchased by the A. S. & R. Co.

CALKINS, JOHN B., '43, 1st Lieutenant in the Army Air Force, returned from Europe this summer. He was a B-17 pilot of the 8th Air Force. When last heard from he was

planning to go to the Separation Center at Ft. Lewis, Washington, and graduate as a civilian, then return to college and complete his engineering course.

BLAIR, ARDEN, F., '45, of Rickey, Montana, and JOHN P. LEEDS, '45, of Havre, completed their V-12 work and are now in Midshipmen's School.

NORDQUIST, JACK WARREN, '45, and ALFRED SATERDAL, '45, are believed to be two of the first ex-servicemen in the United States, and the first in Montana to have completed their education under the G.I. Bill of Rights. Both were students at the Montana School of Mines but left college to join the army. They received honorable discharges and returned to school and both received a B.S. in geological engineering at the 1945 Commencement. They are now with the U. S. Geological Survey.

OMEGA

HARRIS, CARLETON, '32, puts in his eight hours per, for Consolidated Feldspar Corp., Keystone, South Dakota, as Plant Chemist.

HOLLEMAN, CLARENCE HENRY, '32, gives his address as 6120 17th Ave., N.E., Seattle, Wash.

SAYLER, E. W., '32, Lieutenant (jg) USNR, Merchant Ship Service Control Officer at his station gets mail addressed Navy 115, Box 42, F.P.O., New York.

ESTRUP, FRANCIS ARTHUR, '33, 2nd Lieutenant, U. S. Army, is at the Philippine Headquarters, 8th Army Engineer Section, APO 343, San Francisco, Calif. He was promoted from Master Sergeant to Lieutenant on the Field of Battle. Lt. Estrup's home is at 914 Quincy St., Rapid City, S. D.

HALL, ALBERT WREDE, '33, is Area Superintendent for Sound Kievit Construction Co., 1803 W. 45th St., Seattle. His evenings are spent at 21401 First Ave., South, Seattle 88, Washington.

MANNICK, WILLIAM RALPH, '35, received his B.S. in engineering at the University of Washington. He is now engineer with Nickum & Sons, 400 Polson Bldg., Seattle, where he lives at 1536 38th Ave., Seattle.

FOSTER, HAROLD, '37, Captain, USMCR, is back from the Pacific and can be reached through Hq. Sq. Personnel Group, MCAD, Marmar, San Diego 45, California.

HEALD, HOWARD L., '37, Ensign USNR, gives his permanent address as 817 Avenue E., Galveston, Texas.

BUUS, HAROLD W., '38, has changed his address to 1230 S. 24th St., Milwaukee 4, Wisconsin.

SCOTT, JAMES, '38, received an honorable discharge from the 312th Combat Engineers

on November 4, 1943, and is now Materials Inspector at Martin Bomber, Plattsmouth, Nebraska.

SMITH, MORTON C., '38, has resigned as acting head of the department of metallurgy at the Montana School of Mines and has gone to Kansas City, Mo., to establish and direct a department of metallurgical research for the firm of Black, Sivals, and Bryson.

DAVIS, ROBERT, '39, is a Naval Inspector in Rome, New York.

HARDING, CLINTON, '40, reports the birth of a daughter, Leslie, on June 19, 1945.

LURKER, ROBERT, '40, Lieutenant (jg) USNR, CEC, is on Okinawa. He was among the five Sea Bees decorated with the Bronze Star for heroism on the beaches of Normandy during the initial Allied landings. His address is 81st Naval CB, c/o Fleet P. O., San Francisco.

RAND, C. W., '40, Lieutenant, USNR, 3944 Jewell Ave., San Diego 9, California, is an instructor at the West Coast Sound School.

ATWATER, VERN, '41, Lieutenant (jg) USNR, is stationed on Treasure Island, Calif.

DRICKEY, PAUL, '41, Captain, U. S. Army, staff weather officer with a troop carrier squadron of the 10th Air Force, has been 23 months in India-Burma Area but can now be addressed at P. O. Box 1744, Midland, Texas.

GAGSTYER, CRAIG, '41, Lieutenant (jg) USNR, is in the Philippine Islands on some Aircraft Maintenance work.

GILBROUGH, M. B., '41, who is with Boeing in Seattle, announces the birth of a son, Noel Louis, on October 8, 1944.

MAZOUREK, ED., '41, has received his dis-

- charge and is engineer with the M. A. Garland Construction Co., Rapid City, S. D.
- HUBBARD, ERLE, '42, announces the birth of a daughter, Diana Louise, on March 6, 1945, and a new home address at 430 South Rolling Road, Catonsville 28, Maryland. He is assistant metallurgist for the Koppers Co., Inc., American Hammered Piston Ring Division, Baltimore, Maryland.
- MANUEL, WILBUR, '42, is metallurgist for the AC Spark Plug Co., in Flint, Michigan.
- SHEDD, JOHN, '42, Lieutenant, U. S. Army, is with the NT Dist. Engineers, Contract Termination Branch, 120 Wall St., New York City.
- SIMPSON, RAY, '42, has received a medical discharge from the Navy, after ten months in the hospital. He is in Cincinnati and expects to go back to his old job with Wright Aeronautical.
- BEKA, CHARLES PERRY, '43, is a junior engineer for Curtis Wright Corp., Port Columbus, Ohio, and resides at 2358 Bancroft St., Columbus 3, Ohio.
- DAVIES, ARTHUR LLOYD, '43, who resides at 3118 View St., Ft. Worth, Texas, is with the Construction Vultee Aircraft in Ft. Worth.
- GRIFFITH, WILLIAM, '43, Ensign, USNR, has seen action at Eniwetok, Saipan, and Iwo Jima. His LST was the first to beach at Iwo Jima. He wrote that the flag atop Mt. Suribachi was from his ship and loaned to the Marines for that historic raising which has been pictured all over the world.
- MARCOM, LEWIS, '43, Pfc., U.S.A., can be addressed at APO 27, Co. A, 102nd Engineer Battalion, San Francisco, California.
- MOLANDER, BLAIR, '43, is doing research work at California Tech.
- NEEL, BEALA BYRL, '43, is with Lockheed Aircraft Corp., in Burbank, California, and lives at 912 East Acacia St., Glendale 5, Calif. Temporarily, he is doing research work at Calif. Tech in Pasadena.
- ROWETT, JOSEPH, '43, has been attending Midshipmen's School at Columbia University.
- SCHMIRER, ROBERT, '43, is senior petroleum engineer with Wright Aero in Paterson, New Jersey.
- TAYLOR, RICHARD, '43, is on the Walter C. Tallor and C. T. Lamb estate, raising registered Hereford cattle in South Dakota.—"Home, home on the range!"
- VERONDA, DOMINIC, '43, Ensign USNR, is on USS LCI (L) 1017 in the Pacific.
- BENSON, DENNIS, '44, Ensign, USNR, is at the General Ordnance School Navy Yard, Washington, D. C.
- BREVET, ELMER, '44, Lieutenant (jg) USNR, is radar officer on the Anietam.
- NELSON, LAVERNE, '44, Lieutenant, U. S. Army, is reported to be at Camp Robinson, Arkansas.
- SOLON, JIM, '44, ROBERT SANDVIG, '44, and DONALD REDMAN, '42, received their Ensign Commissions at the Cathedral of St. John the Divine in New York City last spring.
- VAN AUKEN, JOHN A., '45, is employed as a computer by the National Geophysical Co., in Dallas, Texas.

GAMMA BETA

- AMES, NORMAN B., '17, Colonel, U. S. Army, has the following overseas address, Headquarters Army Air Forces, Mediterranean Theatre of Operation, APO 650, c/o Postmaster, New York.
- LAWTON, WARREN L., '34, has a new mailing address—it's at 2109 R St., S.E., Washington 20, D. C.
- RANDALL, ROBERT HENRY, '40, is a Technical Writer for Douglas Aircraft, Inc., 5651 W. Manchester, Los Angeles. His home is at 914 B 16th St., Santa Monica, California.
- PASTORIZA, TOMAS AUGUSTO, '43, is working for consulting engineers, C. A. Apartado 168, Caracas, Venezuela, South America.
- MACHEN, WILLIAM STANLEY, '44, an Ensign, USNR, has his mail sent to 4106 Quintana St., Hyattsville, Maryland.

DELTA BETA

- CURF, WOODROW W., '40, is with the Corn Products Refining Co., Argo, Illinois, in the Chemical Engineering Process Development Department.





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