

THE GEAR

OF

THETA TAU

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The GEAR of
THETA TAU



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Theta Tau Fraternity

Founded at the University of Minnesota October 15, 1904

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THE GEAR OF THETA TAU

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

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- BETA, *Established March 26, 1906* - Michigan College of Mining and Tech.
c/o Leo F. Duggan, Michigan Tech, Houghton, Michigan
- GAMMA, *Established November 8, 1907* - - - Colorado School of Mines
c/o Prof. M. I. Signer, Colo. School of Mines, Golden, Colo.
- DELTA, *Established May 23, 1911* - - - Case School of Applied Science
Theta Tau Box, Case School of Applied Science, Cleveland, Ohio
- EPSILON, *Established May 4, 1911* - - - - University of California
University of California, Berkeley, California
- ZETA, *Established April 17, 1912* - - - - - University of Kansas
c/o Professor G. W. Bradshaw, College of Engineering, University of Kansas
- THETA, *Established May 26, 1914* - - - - - Columbia University
c/o Professor E. A. Peretti, Dept. of Metallurgy, Columbia University, N. Y. C.
- IOTA, *Established February 5, 1916* - - - - Missouri School of Mines
Send mail in care of the school.
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c/o Professor Lawrence R. Quarles, College of Engineering, Univ. of Virginia
- RHO, *Established February 16, 1924* - N. C. State College of Ag. and Eng.
P. O. Box 5325, State College Station, Raleigh, N. C.
- SIGMA, *Established November 29, 1924* - - - - Ohio State University
c/o Prof. Claude H. Wall, College of Engineering, Ohio State, Columbus, Ohio
- TAU, *Established December 12, 1925* - - - - - Syracuse University
c/o Prof. Earl Church, Col. of Applied Science, Syracuse Univ., Syracuse, N. Y.
- UPSILON, *Established April 7, 1928* - - - - - University of Arkansas
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- GAMMA BETA, *Established March 16, 1935* - George Washington University
c/o Dean of School of Engineering, George Washington University,
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- DELTA BETA, *Established May 20, 1939* - - - University of Louisville
(Chapter house) 2022 S. First St., Louisville, Ky.

Adrian Lindsey Encounters Some Excitement

Adrian Lindsey, Zeta '17, Colonel in the U. S. Army, after years of training on office duty, all of which were making him more anxious for action, finally was catapulted into the war—but fast. In May, 1944, he was sent by his division, for which he is the G-2 officer, to the Pacific theater as an observer. Brother Lindsey got in on the first landings in Saipan. He was under fire from the Japs from all the kinds of shooting irons they possess. The snipers took their best shots at him and one time he was out between the Americans and the Japs and both were shooting over him. He had the thrill of seeing a Jap steal up in the night and break into a school house,

which was being used by the Americans for headquarters, for the purpose of getting back some Jap papers and dropping a nice hand grenade among the Americans (then to get well punctured himself for the trouble); and just as Colonel Lindsey was leaving on a transport plane with a number of American wounded, the enemy bombers came over and pasted them for two hours. He eventually returned to the U. S. mainland all right, but soon was headed westward for more or less permanent duty out there. Helen Friend Lindsey, and their daughter, Nancy, are living at home now in Lawrence, Kansas. Brother Lindsey is in the Philippines.

General LeMay Stays in the Headlines

THE GEAR seems unable to go to press without including a story of further exploits of Major General Curtis E. LeMay, Sigma '28, today a near-legendary figure of World War II.

Latest reports have him as head of the 21st Bomber Command in the Marianas. "Old Ironpants", formerly in command of the 20th Bomber Command in England, has the command and tactical responsibility of something new and good the B-29 air corps bosses figured out—large-scale night fire-bombing of Japan's cities. It's more economical, they have concluded, to burn out a sprawling area of small industry and homecraft production, the objects for these incendiary raids, than it is to bomb with high explosives.

Time, March 19th says: "A dream came true last week for U. S. Army aviators. They got their chance to

loose avalanches of fire bombs on Tokyo and Nagoya, and they proved that, properly kindled, Japanese cities will burn like autumn leaves . . . Cautious LeMay waited until pictorial proof was in before he issued his report which stated that the fire left nothing but twisted, tumbled-down rubble in its path . . . the area totally destroyed covers a total of 422,500,000 square feet, which is approximately 9,700 acres, or 15 square miles.

"Never before had there been an incendiary attack on such a scale. The Luftwaffe's "great fire raid" on the city of London, made with a maximum of 200 tons of incendiaries burned not more than 1 square mile. Major General Curtis E. LeMay's Marianas firebirds were in another league."

Leo Spinner Receives Unique Tribute

A short time ago a clipping came to our office with the following story and letter. It is about a Theta Tau, Leo Spinner, Iota '43, and is a glowing tribute to our Brother.

"Lieutenant Leo Spinner, who graduated in civil engineering in 1943 was commended by the men of his company in an article appearing in "Stars and Stripes" for February 14, 1945. The article reads as follows:

WE NOMINATE

Most G.I.'s who write to B-Bag have a bitch to make concerning their officers, but none of them ever think of praising an individual officer. Your editorial of January 13 described the ideal officer. Here is our candidate for the perfect officer.

He is Lieutenant Leo B. Spinner, commanding the second Platoon, Co. A., 204th Combat Engrs. In the Army 26 months, he is 25 years old, married, graduate of Missouri School of Mines, and the Army School for Engineers at Harvard.

We have crossed three countries and expect to enter another with

him. He has all the qualifications—cool, calm, and courageous. Under fire he will never ask a man to do what he himself would not undertake.

He likes to live with his men, and the men are glad to live with him. He does his share of the work too. He knows when to remember his rank, and when to forget it, always acting as an officer, but never taking advantage.

Lt. Spinner is always open to suggestions and realizes it takes the help of all to make the perfect team. After a job is well done, he will give credit where due. If anything goes wrong and a man wants to bitch, he'll let a man speak his piece, freely, without prejudice.

His men have complete confidence in him, and he in them; no job is too big with him as a leader.

Men of Second Platoon, Co. A, 204th Combat Engrs.

Leo was a member of the "M" club, the Engineers club and Theta Tau."

Acknowledgement

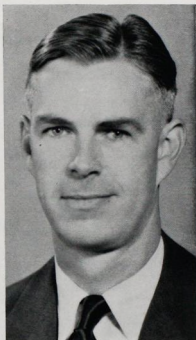
We thank *The Bent* of Tau Beta Pi for its congratulations to us on our fortieth anniversary. The congratulations were extended in the February, 1945, issue of *The Bent*, saying: "Congratulations to Kappa Sigma and Theta Tau on their anniversaries. Kappa Sigma was seventy-five years old last December 10th, and Theta Tau "began life" (at forty) on October 15. Kappa Sigma was founded by five young men that night in 1869 at the University of Virginia. Not denying

that they have had their trials and tribulations over three-quarters of a century, Kappa Sigs are therefore even more proud of their 45,000 members today. Theta Tau, professional engineering fraternity, was founded in 1904 at the University of Minnesota by four men headed by Erich J. Schrader. They now have 26 chapters and 9,388 members, and Mr. Schrader, their perennial guiding genius, continues to serve as Grand Scribe."

Karl Meyer Heads New Division

Karl H. Meyer, Delta '26, has undertaken for the Reliance Electric and Engineering Company, Cleveland, a job of huge responsibilities. Both the Reliance Marine Plant and Plant No. 2 of the company are to be brought together as a self-contained Marine Division under the capable management of Brother Meyer. Brother Meyer, chairman of the Cleveland Chapter of The American Society of Tool Engineers, has been with Reliance ever since his graduation from Case and has been superintendent of the Marine Plant as well as works engineer of the main plant.

Courtesy of Case Alumnus



K. K. Hood Manages Mt. Hope Mine

K. K. Hood, Beta '13, has assumed management of Mount Hope Mine in Nevada. Brother Hood, who is a member of the Callahan Zinc-Lead Company's staff, has been transferred from Nogales, Arizona, where he was manager of the Duquesne Unit, to Eureka, Nevada, as manager of the zinc-cadmium mine there. The Mount Hope, which is controlled by Callahan Zinc-Lead, is being prepared for a daily output of 250 tons of ore.

Brother Hood, a native of Kansas, was graduated from the Michigan

College of Mining and Technology in 1913. For over 20 years he followed his profession in Alabama, Tennessee, the Tri-State district, and New Jersey, going west in 1936 when he was appointed manager of the Peru Mining Company at Deming, New Mexico. He was retained in that position when Callahan Zinc-Lead secured the Peru company and remained in Deming until January of 1940 when he took over the management of the Duquesne's property.

Herman Burton Rescued from Japs

Herman Burton, Lambda '26, had particular reason to greet the American invasion of the Philippines with exultation, for he and his wife and three children were rescued by American troops and set free after three

years of captivity. At the time of the Japanese invasion he was assistant superintendent of the Balatoc mine at Baguio, north of Manila. He is the son of H. K. Burton, Superintendent of Waterworks in Salt Lake City.

W. R. Persons Advances in Lincoln Electric Co.

The appointment of W. R. Persons, Delta '31, as assistant sales manager of the Lincoln Electric Company, Cleveland, Ohio, has been announced by J. F. Lincoln, president of the company. The Lincoln Electric Company is the world's largest producer of arc welding equipment. In his promotion to this new post, Brother Persons will act as assistant to C. M. Taylor, vice-president and general sales manager.

Among his activities concerned with advancement and supervision of the entire Lincoln sales program, Brother Persons will assume the responsibility of developing certain specific fields for Lincoln products. In this connection, he has been working on special assignments since his transfer to the Lincoln home office at Cleveland several months ago. He is also chairman of the firm's Junior Board of Directors.

Brother Persons has been with the company for the past ten years. Born in Painesville, Ohio, in 1909, he obtained his college education at Case School of Applied Science where he received an M.S. degree in engineering. During his college years, he took an active interest in athletics, playing end on the football team and center on the basketball team. He also made a name for himself in the high-jumping, discus throwing and shot-putting events. He was a member of the S. A. E., general fraternity, and Sigma Xi, honorary scientific fraternity.

When he finished school, having decided to enter the fast-growing industry of welding, he applied to the Lincoln Electric Company for a job. Being told there was nothing open, he determined to make a place for himself and took the company's welding course and insisted on helping the instructor on his own time in order to



get experience. Being impressed by his sincerity and determination, "Buck" as he is commonly known in the industry, was assigned by the company to the position of sales and service representative in western Pennsylvania. Four years later, he was appointed branch manager of the firm's Pittsburgh office, continuing at this post until his transfer to Cleveland last year.

While at Pittsburgh, Brother Persons was particularly active in local

organizations and civic affairs. He was responsible for the development of numerous welding engineering programs in western Pennsylvania and West Virginia, was a director of the Pittsburgh Junior Chamber of Commerce, and chairman of the city's Man-Marketing Clinic. He also held memberships in the executive council of the Boy Scouts of America and the Chartiers Country Club. He is a member of the American Welding Society.

Mervin Hogan Professor of Mechanical Engineering

Mervin B. Hogan, Lambda '27, graduated from Utah in 1927, and immediately after joined the Westinghouse Electric and Manufacturing Company at Pittsburgh and worked for his master's degree at the University of Pittsburgh. He received his Ph.D. from Michigan in 1936 and then studied at Yale as a Sterling Fellow for a year. He has taught at the University of Utah since 1931 and is now a professor of mechanical engineering. Professor Hogan is also a member of Sigma Xi, Phi Kappa Phi, and Tau Beta Pi, and he is active in Masonic work.



Courtesy of Bent of Tau Beta Pi

Charles Tarr Promoted

Charles M. Tarr, Gamma '38, according to news from an air force bomber station in England, has been promoted from Captain to Major.

As mess supervisor, Major Tarr has three mess halls as his responsibility. One of these caters exclusively to combat crewmen, the men who fly almost daily bombing attacks against Nazi war targets; another is for enlisted

men who do the ground jobs necessary to keep the bombers flying; and the third is for the ground officers.

Brother Tarr's unit is a member of the Third Bombardment Division which was cited by the President for its England-Africa shuttle bombing of the Messerschmidt plants at Regensburg, Germany.

Fred Grotts Becomes Director of Research

Fred Grotts, Iota '16, president of the Fort Pitt Steel Casting Company, subsidiary of the H. K. Porter Company, has been appointed director of research and metallurgy for all Porter plants, a newly created post. He will be in charge of problems on materials, metallurgy, and practices on present problems, and will establish a technical

and engineering advisory service for customers on specifications and materials. He will also direct new-product developments. Brother Grotts became a national authority on heat treatment of cast steel and cast iron during his years of service to the industry. During the first World War he was metallurgical and chemical engineer with the Curtiss Aeroplane and Motor Corporation in charge of all technical processes. For his war service he was cited by the United States, France, and Great Britain. After the war he worked for the Caterpillar Tractor Company as foundry manager and technical superintendent; for American Steel Foundries as wheel-plant superintendent; and for the Hubbard Steel Foundry and the Continental Roll and Steel Foundry Company's Wheeling mold and foundry divisions, as director of metallurgical activities.

—Mining and Metallurgy



Perry Gill Commended for Unprecedented Feat

Perry A. Gill, Gamma '36, captain and officer of a 7th A.A.F. battalion, has been commended with others of his outfit for an unprecedented feat of air base building, part of it under fire, on Saipan. The commendation was issued by Admiral Raymond A. Spruance, who commanded the U. S. Fifth Fleet during the Marianas invasion.

Captain Gill served within rifle range of the front lines on Saipan while the battle for the island was still in progress. The job was perilous in that the site of the air base was a cane field infested with Jap snipers and strewn with unexploded shells.

The construction work would have taken months to complete under ordinary peacetime conditions, according to military observers, but the heavily armed engineers worked day and night, getting every minute of service out of the 20-ton bulldozers and other machines, to accomplish the task in record time. The first 7th A.A.F. planes were landing on a smooth coral runway three weeks after the work was started.

Congratulations for "expeditious work" were received from Admiral Spruance in a formal message to the battalion. Other high ranking officers also sent commendations.

Captain Gill, on leave from his duties as petroleum engineer for Cities Service Oil Company in the Oklahoma area, entered the service in 1942, and

after a refresher course at Fort Leonard Wood, Missouri, and MacDill Field, Florida, was sent to the South Pacific early in 1943.

—*Mines Magazine*

William Fencil's Company Receives Award

William M. Fencil, Nu '25, president and founder of the William M. Fencil Company, Huntley, Illinois, can well be proud, for the coveted Army-Navy "E" has been awarded to his company. The company, founded for the manufacture of automotive and industrial gaskets, received the "E" for outstanding service to the Chemical Warfare Service of the Army Service Forces in the loading of the 4.2 chemical mortar fuzes. An achievement of the Fencil company was the development of equipment to increase the out-put about 50 percent with no increase in labor.

—*Carnegie Alumnus*



Edward Kromka Saves Bomber Crew

Word has been received that Edward R. Kromka, Iota '42, a lieutenant in the Marine Corps, was flying a B-25 bomber when his plane was caught in 20 millimeter anti-aircraft fire, while on a low level assault on Jap buildings and installations at Point Rondo, New Briton. The impacts of the fire shook the entire plane and he felt the loss of power as two of his engines went dead. The pilot was killed and Brother Kromka, as co-pilot, in order to prevent capture by the Japs, twisted the plane toward the open sea and let it fly off shore as far as possible. The ocean was calm and he made what was described by his fellow crewmen as a beautiful land-

ing. They escaped into the sea, leaving the plane to sink a few seconds later. The crew was picked up by a flying boat and returned to their base. Lieutenant Kromka was given great credit by his fellow crewmen for his cool handling of the entire situation.

Lieutenant Kromka graduated in mining engineering in 1942 and soon after joined the Marines. On the campus he was active in athletics, serving as captain of the football team, being selected by the Associated Press as a member of the All-American third team of the small colleges. He was a member of Pi Kappa Alpha fraternity, Theta Tau, and served as president of the "M" club.



Robert Stowell Enters Service

Robert L. Stowell, Iota '42, last August deserted civilian life and bauxite mining in Dutch Guinea to enlist in the service. Brother Stowell was mine superintendent for Surinaamsche Bauxite Maatschappij, a subsidiary company of Alcoa, at Paramaribo, Surinam. Before induction, he temporarily worked at the Bauxite, Arkansas operations, waiting his call to service.

—*Mining and Metallurgy*

Theta Taus Released in Philippines

Grand Scribe Eric Schrader just had a visit with a Nevada mining engineer who returned on the first ship from the Philippines after three years in Baguio and Bilibad prisons. The engineer informed our Scribe that Vito Brussolo, Epsilon '20, and family;

Warren T. Graham, Gamma '26, and Frank E. Delahunty, Gamma '25, had all been released and were waiting their turn to come home. He also confirmed the murder of Alfred F. Dugleby, Gamma '15, by the Japanese in January.

Francis Domingo at Advanced Base

Francis J. Domingo, Zeta '42, and a Lieutenant in the U. S. Army, is platoon commander in charge of road and air strip construction at an advanced base in the Southwest Pacific. He is with the Army Engineers of the 40th Infantry Division. His outfit mans bulldozers and steam shovels, trimming small volcanic mountains, filling in swamps and constructing bridges. Recently, his group helped

clear buried aerial bombs from a Japanese air field, occupied by the 40th Division forces. The Japs had planted the aerial bombs to substitute for land mines before withdrawing. While stationed in Hawaii, Lieutenant Domingo was graduated from an Army school of underwater combat demolitions and later completed rugged training courses in ranger and hand to hand combat, jungle warfare, and amphibious operations.

Zay Jeffries Vice-President of G. E.

Dr. Zay Jeffries, Honorary Delta, who has been technical director of the lamp department at Nela Park, Cleveland, was elected a vice-president of General Electric and will assume charge of a new chemical department, to be established probably next year. Dr. Jeffries, who lives at 2861 Broxton Road, is chairman of the Faculty and Educational Policy Committee of the Trustees. He is a director of St. Luke's Hospital, past president of the American Society for Metals, and an honorary member of the Cleveland Engineering Society.

Courtesy of Case Alumnus



Morton Smith Receives Professional Degree

Morton C. Smith, Omega '38, assistant professor of metallurgy at the Montana School of Mines for the past three years, was recently awarded the professional degree of Metallurgical Engineer by the faculty of the South Dakota School of Mines and Technology. The presentation was made

at the commencement exercises held last June on the basis of his thesis entitled "A New Theory of Crater Formation in Arc Welding," the work on which is still in progress. Professor Smith has been aided by the advice and assistance of the Welding Research Council of the Engineering Foundation.

Kent Van Horn President of A. S. M.

Dr. Kent R. Van Horn, Delta '26, was accorded national recognition of his research work in the field of metallurgy recently when he was named president of the American Society for Metals. Dr. Van Horn has been associated with the Aluminum Company of America since 1929. He has served the American Society for Metals as head of the Cleveland chapter, and as

national treasurer, trustee, and vice-president.

He was graduated from Case School of Applied Science in 1926 and later received his doctorate from Yale where he taught metallurgy for two years. As research metallurgist at Alcoa's Cleveland Works, Dr. Van Horn is principally engaged in research on forging alloys and casting radiography.

Robert Knowles a Lieutenant Commander

Robert S. Knowles, Epsilon '38, is now a Lieutenant Commander in the Navy. Brother Knowles, who has been in the navy since 1942, was employed by the Ingersoll-Rand Company, 2834 Grand Boulevard, Detroit, Michigan, before entering the service. It seems appropriate that he should have a position of such responsibility for his college career shows specific evidence of the traits desirable for our naval officers. While attending the University of California he was senior class president, secretary and treasurer of the junior class, on the Welfare council, a member of Sigma Phi Epsilon, Winged Helmet, Theta Tau, and the Vigilantes, and participated in many activities when he was on campus.



Daniel Kennedy Decorated

Daniel Kennedy, Iota '26, who was connected with the headquarters staff of General Patton's Third Army in France, was recently decorated for brilliant achievement.

General Patton and his army were faced with a problem that looked hopeless and the matter was assigned to Brother Kennedy for study. Colonel Kennedy studied and worked over the matter for three days and three nights and finally came out with the correct answer. Later Colonel Kennedy was called before General Patton, and several other two- and three-star generals, where his work was highly commended. Following the commendation, General Patton stepped forward and pinned upon him the Bronze Star

for his brilliant achievement in military service.

Colonel Kennedy graduated in civil engineering in 1926 and has been connected with the U. S. Geological Survey, topographic branch, since graduation. He is an expert in the field of mapping and particularly aerial mapping. He is a veteran of the last World War, entering it in '17 and received his education under the old vocational training program at M.S.M. At the start of the present conflict he again entered the service and was assigned to aerial mapping with the rank of major. His home is in Rolla, Missouri, where his wife, Mrs. Margaret Kennedy, and daughter, Pat, still live.



W. A. Conley Goes to Bogota

W. A. Conley, Gamma '19, who for years has been a consulting mining engineer, largely in Mexico, has gone to Bogota, Colombia, having been engaged by the Fabrica de Cemento Samper to make a survey of their new limestone deposits, and to act as consultant in the organization of their quarry operations.

Charles DeLong Recovering from Wounds

Charles W. DeLong, Gamma '39, according to *Mines Magazine*, was very happy to be back in Denver, even though he was confined to Fitzsimons Hospital for a while. He was seriously wounded on August 16th in the battle of France and after treatment in the base hospital and then in one in England he was returned to the States, reaching Denver the middle of October. He received the Order of the

Purple Heart for having been wounded in action.

Sergeant DeLong was associated with the Traylor Engineering and Manufacturing Company of Allentown, Pennsylvania, in their sales department before entering the service in June of 1943. He received training at Fort Leonard Wood and then at Fort Dix, New Jersey, where he was made Sergeant in July 1944 and sent overseas.

J. R. Suman Moves to Standard's New York Office

John R. Suman, Epsilon '12, is no longer a Texan, but a New Yorker. He left Houston, where he had been vice-president in charge of production of the Humble Oil and Refining Company, February 7th to take up his new position as vice-president of the Standard Oil Company of New Jersey.

Some 300 friends gathered at the Rice Hotel at Houston on January 30th for a testimonial dinner to bid him farewell and success. Harry C. Weiss, president of Humble, said in

concluding his eulogy, "I want to speak of John Suman's relationship with the Humble company . . . I speak for myself as well as the countless friends that John has throughout the entire organization . . . John has contributed tremendously to the success of the Humble company. The growth of the company's production in such a remarkable manner is the product of the teamwork on the part of thousands of men, but it is a record that could not have been achieved

without the participation and leadership of John Suman. He has the rare technical ability to judge and select good men, and to leave to these men the execution of detail management. We feel a keen regret throughout the

organization at John's departure, but we are reconciled in part to that because we expect to see him frequently and because his new position affords a broader field in which to utilize his talents."

Robert Fields Tests the A-26

Robert E. Fields, Iota '41, was prominently mentioned in a feature article in the *Tulsa Tribune* recently as a result of his experience in testing the new A-26 Douglas Aircraft Bomber for acceptance by the army. This new plane is reported to be the newest, fastest, deadliest attack bomber of the army air forces. Brother Fields takes the new planes up into the air and puts them through their paces before finally accepting them for the air force.

He graduated at Missouri School of Mines in 1941, majoring in mechanical engineering. He took advanced R.O. T.C. and has been in the Army since 1942. On the campus he was an active member of the rifle team and won an award for the Midwest Indoor Camp Perry Shooting Match held in 1940. He also won second award in the R.O. T.C. rifle team in 1941. A member of Theta Tau and of Blue Key, he also served on the Student Council. He was recently married to a Tulsa girl.

Letters to the Editor

ASF Regional Hospital
Camp Crowder, Missouri
January 19, 1945

North Africa
Wednesday, March 20th

THE GEAR of Theta Tau
210 Engineering Bldg.
Iowa City, Iowa
Dear Brothers:

I received the Fall issue of THE GEAR of Theta Tau today after it had followed me from four previous addresses.

Like so many others, I am now in the army doing my inconspicuous little part as Post Sanitary Officer for Camp Crowder, Missouri.

I did not find a letter from my home chapter—the Zeta chapter and was wondering if it has become a war casualty.

I am proud to note that many of my classmates and brothers are doing so well in the Army and Navy.

Yours in H. & T.,

GLENN E. HANDS
1st Lieutenant, Sn. C.
Post Sanitary Officer

Zeta is hanging on as you may see in this issue.

Dear Brother Howe:

As you may have noticed, my address is somewhat different this year. My job has changed just about as much. At the present, I'm assistant operations officer at an A.T.C. Base in North Africa, whereas a year ago I was forecasting weather for a B-29 outfit back in Kansas.

I've been over here nearly seven months now and just about broken into this life. I consider myself quite lucky to get the break I got by drawing this base, as life here isn't half bad at all. In fact in some ways I fare better here than I did back in Kansas.

My job calls for some flying, as I'm required to be familiar with all the routes and clear planes over. Some of the places I've seen in my travels are Casablanca, Marseilles, Algiers, Oran, Cairo, Tunis, Tripoli, Rome, Naples, and several other smaller places. I hope to make Paris and London, so you see I'm not exactly confined to one spot.

There's been one more change in my life, which isn't by any means the smallest. This

is that I am now a married man and a very happy one at that. I met the young lady while taking cadet training at Grand Rapids, Michigan, back in 1943. She was a cadet also at the time—nursing.

As I draw this note to an end, I'm hoping that everything is in top form with you and the boys back in Iowa City.

Yours in H. & T.,

LT. L. M. HAUSLER, Omicron '44

Thanks for the news, Brother Hausler. Omicron has lost all of its members to the services, and will have to start fresh when the war is over.

THE GEAR of Theta Tau

210 Engineering Bldg.

Iowa City, Iowa

Dear Sir:

I am writing you for my husband who is a member of Chi Chapter of Theta Tau, class of 1942. He is now overseas and we have not received THE GEAR for some time. I would like to put this address in as permanent and I will forward any of the magazines to him.

He moves around so much that a military address is impractical. He is now in France or Germany with the Seabees. Has been over since last April.

Thank you kindly for noting this. Also if you have any back copies from the last two years, I would appreciate getting them to send to Bill.

Sincerely,

Mrs. W. L. Johnson, Jr.
2514 E. Speedway
Tucson, Arizona

Thanks for this information, Mrs. Johnson. According to present regulations, magazines cannot be forwarded but can be mailed direct to *subscribers*. Since all Theta Taus initiated after 1930 are life subscribers, most service men can receive THE GEAR direct if we have a reliable address. Perhaps you could provide us with your husband's latest address each spring and fall.

Letter to the Grand Scribe

February 2, 1945

Dear Brother Schrader:

Just received a letter from Mrs. Varney, the first one in a year, with yours to her of June 18, 1944, enclosed.

Your letter was not answered by Mrs. Varney at the time she received it as she did not know just where I was for over a year. The last they knew of me, until about a month ago, was when she left Mindanao for the States, via Australia.

I have been in the service since December 10, 1941. Took to the hills at the time of the surrender and have been a guerrilla ever since. As soon as this show is over I will write you a letter covering my travels or hope to see you as soon as I get back to the states.

I am unable to write more at this time, but

will say that I am all o.k. and want to thank you and Theta Tau for your interest in my whereabouts. Do write once in a while and let me know how things are with you. With kindest personal regards to yourself, and say hello to any of my friends you see.

In H. & T.,

FRED

FRED W. VARNEY, Beta '08

Captain F. W. Varney, 0-168139

c/o Col. Courtney Whitney

PSS-G3-A.P.O. 500

c/o Postmaster, San Francisco, California

THE GEAR would like to get hold of your experiences at the first opportunity, Brother Varney.

Letter from Roland Krebill to Iowa Faculty Member

January 21, 1945

Dear Professor Posey:

This is Sunday on board out on the blue Pacific. During the usual sabbatical reflections, I divined a previous intent of writing to those people whom I had called on for favors. As my work has been more or less in the field of structures, I have felt that refer-

ences from you were the ones required as to my school subjects and record. No doubt you have wondered at various times what some of your students are doing.

I jumped from the nest with your brood of '38, was employed by the Iowa State Highway Commission at Council Bluffs, Iowa, there learning the practical side of highway con-

struction. During the winter months I was transferred to a preliminary survey party. In February '39, I received an offer of employment from the Tennessee Valley Authority and immediately accepted. This job was with the Maps and Surveys Division. For twenty months I pursued elevations and lines through the hills and valleys of the Kentucky Reservoir. I learned the various types of reservoir surveys—the procession from preliminary reconnaissance to land acquisition and reservoir control. Here I met a new girl—a girl who stood out from all the rest. Her influence carried over into my working day so much that I desired more than a field engineer's job. I transferred to the Highway and Railroad Bridge Design Office of T.V.A. in Chattanooga. I spent my evenings attending University of Tennessee extension courses: statistics, business law and an advanced structures courses under Professor A. T. Granger, using Grinter's text. It was very helpful.

Social life is a blessing—I married the girl in April of '41, receiving my draft questionnaire on our honeymoon.

War planning moving into high gear required more electrical power from T.V.A. Our department was moved to Knoxville for closer cooperation with other design departments. Deferments were granted by draft boards.

Education is a shining star for government advancement. I continued my night extension courses at the University of Tennessee. Under the guiding influence of Professor Fabian in advanced mechanics courses I developed great respect and admiration for Timoshenko's books. However, a 52 hour work week with additional overtime, T.V.A. employment hitting a peak of 35,000, limited my scholarly efforts.

With critical designs and plans rushed to

completion, the usual red tape of approval for questionable projects and material shortages began. A large portion of our time was being allotted to post war construction. I resigned, with my draft board's approval, and accepted employment with Sverdrup and Parcel of St. Louis. They sent me up north within 60 miles of the Arctic Circle as Engineer on the "infamous" Canol project. I could write a book about that job—my duties were various—among the most important was making punch lists and writing final construction reports on the pumping stations. After a ten-month completed contract I returned home for a second honeymoon. I found most of my friends were in the service. A letter ordering me to report for pre-induction physical examination arrived. I hurried to Memphis to see the Naval Officer Procurement Office, passed their physical examination and submitted application for a commission, where-in I listed your name as a school reference. During the interim of waiting, I found employment as design engineer for a small steel fabricating company in Memphis. There I learned some of the short cuts and practical money-making schemes of a productive private enterprise. This experience left me with the firm conviction that employment with a private company is most desirable and soul-satisfying.

Life in the Navy has been interesting. I had often heard of 90-day wonders but never expected to be out here 60 days after swearing in. The Navy can work fast when she wants to. I feel very fortunate in being billeted to this ship and wish it were possible to tell you about the past four months.

Iowa's basketball team permits me to look once again at sports pages with eagerness.

Very respectfully,

ROLAND F. KREBILL

In Memoriam

HENRY JAMES KESNER, Honorary Alpha, Professor of Civil Engineering at the University of Nebraska, was intantly killed in the Burlington yards at Omaha on February 10, 1945, when he was struck by a train. He was born in Ontario, Canada, on October 30, 1883, the son of Edgar S. and Dorcas A. (Hortrop) Kesner. In 1905, he graduated from the University of Colorado and received a B.A. degree. He then studied engineering, receiving a B.S. in 1907. The C.E. degree was awarded to him in 1911. In 1908 to 1910 he was instructor at the University of Minnesota and was initiated by Alpha chapter at that time. He left Minnesota in 1911 to go to the University of California and left there to go

to Armour in Chicago. He was at the University of Nebraska since 1923. On September 3, 1921, he was married in Denver to Miss Mary Downer who survives and lives at 828 South 16th Street, Lincoln, Nebraska. He specialized in structural engineering and designed numerous bridges in the central state. A brilliant student in college, he was a member of Phi Beta Kappa, Sigma Xi, Tau Beta Pi, and Sigma Tau.

NICHOLAS JOSEPH GIESDORF, Iota '35, Captain, Sanitary Corps, USA, Hamilton Field, California, was killed in an airplane crash on October 10, 1944, near Hamilton Field. He

graduated with honors in 1935 and before he entered the service was with the State Board of Health in Jefferson City, Missouri. While in college he was very active in the R.O.T.C. officers club and was a reserve officer when called to the army. His wife, living at 5210 Cabanne Avenue, and his parents Mr. and Mrs. Ludwig Gilsdorf, 2309 Benton Street, all of St. Louis, Missouri, survive him.

JAMES DOUGLAS HAMM, Pi '40, 2nd Lieutenant, U. S. Air Force, was killed in action in North Africa on May 3, 1943. He had been in the army since March 1942 and received his wings at Luke Field, Arizona, in October 1942. In January 1943, he went overseas as pilot of a fighter plane. Credited with individual victories over Italian and German flyers, he had established a record for himself as a first-class fighting man of the air. He was graduated in 1940 in Mechanical Engineering and was employed for some time by the Lockheed Aircraft Company in Burbank and while there attended meetings of the Los Angeles Alumni Association. He returned east in 1941 and joined the army shortly thereafter. He was an active leader in the engineering student body, being secretary of his class, a member of Tau Beta Pi, and of Raven, the senior honor society. He was 23 years old at the time of his death. His parents, Mr. and Mrs. S. F. Hamm, of Charlottesville, Virginia, were given the Purple Heart which had been awarded to their son posthumously. He also had the Air Medal with two Oak Leaf Clusters.

ROBERT JOSEPH HAIRE, Omega '42, Lieutenant, U. S. Marine Air Corps, was one of eight Marine fliers who perished when seven planes crashed during a storm off the coast of South California on February 18, 1945. He was employed for a short time after graduation by the General Electric Company, and then entered the Marine Corps. He completed his training at the Oak Grove Field in North Carolina, and was exceedingly proud of his outfit and of the planes they were flying. He had been in the service about three years. Surviving are his parents, Mr. and Mrs. J. B. Haire of Putney, South Dakota.

LOUIS FREDERICK SAAS, JR., Gamma '44, Lieutenant in the Combat Engineers, U. S. Army, was killed in action in Germany on March 17, 1945. He was born in Ashland, Pennsylvania, and was 22 years of age at the time of his death. His family moved to Denver about six years ago and he completed his high school education at the East High, graduating with honors. He then entered the

Colorado School of Mines and completed three years there and joined the service in June, 1943. Receiving his commission at Ft. Belvoir, he went overseas last October. He was the only son of Mr. and Mrs. Louis F. Saas of 971 Cook street, Denver, Colorado. His parents and one sister, Edith, survive.

EDGAR CHESTNUT, Iota '45, senior in electrical engineering, died at his home in Joplin, Missouri, on February 20, 1945, of a heart attack. He became ill just before the close of the fall semester and went to his home in Joplin. A fine student, he was on the honor list. He was active in student affairs and in carrying on his duties in Iota chapter. He was buried in Joplin and is survived by his mother who is a teacher in the Joplin High School.

CARL R. MADEBACH, '39, Captain in the Engineer Corps, U. S. Army, lost his life on December 5, 1944, when a power utility boat in which he and other men were riding overturned on the Ouzoner Sur Lovie River in France. He was called to active duty in the army in August 1941 at which time he was assistant metallurgist for the Phosphate Recovery Company at Mulberry, Florida. He received training at Camp Claiborne and before being sent overseas in 1942 was married at Camp Blanding to Miss Catherine Fuller of Mulberry, Florida, on February 14, 1942. A son, Carl R., Jr., was born after he went overseas. He was a member of Scabbard and Blade and of the A.I.M.E.

THEODORE OLSEN, Epsilon '40, Major, U. S. Marine Air Corps, was killed in action over Leyte, P. I., on December 15, 1944. He was born in Bisbee, Arizona, on February 20, 1915, and was living in Mohave, California, at the time he entered college. From 1933 to 1935, he attended the University of California in Los Angeles and then entered the University at Berkeley graduating with the degree of B.S. in Mining Engineering in May 1940. He was Regent of Epsilon chapter in his senior year, one of the delegates from Epsilon to the regional meeting in Salt Lake City in 1938 and delegate to the 1939 National Convention. After graduation he was employed for a short time by Phelps Dodge Company in Bisbee, but having received his private pilot's license while in college, he entered the Marine Air Corps in 1940. He received his training in Florida at Pensacola, Miami, and Jacksonville and was then transferred to Seattle and

Passco, Washington, and finally to El Toro near Santa Barbara, California. Advancement in rank was rapid and at the time of his death he had the rank of Major and was executive officer of the squadron. He left for the South Pacific area in March, 1944, and saw much action immediately as a fighter pilot and was credited with the destruction of several enemy planes. On June 6, 1942, he was married to Miss Barbara Leal, "Windy Brae", Bedford Village, New York, who, with his little daughter, Terry, and his mother, Mrs. Mabel Olsen, 1432 Echo Park Avenue, Los Angeles, California, survive him. Brother Olsen had unusual qualities as a leader of men.

JOHN PARRY ERICKSON, Lambda '17, aged 54, died in Salt Lake City on November 19, 1944. He graduated as a mechanical engineer and for some years after leaving college was engaged by various companies in Utah. Thirteen years ago he became valuation engineer for the Utah State Tax Commission and held that position at the time of his death. He was a member of the Intermountain Alumni Association and had been its loyal supporter for many years.

WILLIAM C. DICKMANN, Iota '40, reported in the last issue of *THE GEAR* as missing in action over Germany, has now been reported as dead according to word received by Brother Dickmann's father, L. W. Dickmann of Sedalia, Missouri.

Mr. Dickmann received, under the date of September 4, a telegram from the War Department stating that the German government, through the Red Cross, had advised that Brother Dickmann was shot down on February 24, and died that same day.

He was an outstanding student at Missouri School of Mines, graduating in Mechanical Engineering. He was president of the Engineers Club, scribe of Theta Tau, a representative of the Student Council and on the Independent Board of Control. Following graduation in 1940, he went with the Shell Pipe Line Company at Cushing, Oklahoma, and resigned his position to enter the Air Corps. At the time of his death he was a navigator on a B-17 and had completed 13 missions.

CARL ST. JOHN BREMNER, Epsilon '21, was killed in an airplane accident in Peru, South America, on September 18, 1944. A notice appeared in the last issue but a more complete account of Brother Bremner's career is now available. He was born in San Francisco on September 11, 1895. He graduated from Santa Cruz high school in 1914 and a year later

entered the mining college at the University of California. In 1917, he left college to join the army air service and was commissioned a second lieutenant at Park field. He returned to the University in 1919 and transferred to the department of geology graduating with honors in 1921. After a year's graduate work, he entered the employ of the Standard Oil Company of California. Most of his work was in the foreign service of the company and at the time of his death he was chief geologist of the California Ecuador Petroleum & Mining Company, a Standard Oil subsidiary. His home was at the Hope Ranch, Hierba Drive, Santa Barbara, California. He was a member of the American Association of Petroleum Geologists.

WINTHROP WARREN MELLEN, Jr., Pi '43, was killed in action when the USS Bristol on which he was an Ensign, was sunk off the coast of Algiers. He entered the Naval Service after graduating as a Chemical Engineer and was 23 years of age at the time of his death. His home was at 301 Rodney Court, Wilmington, Delaware. Posthumously, he was awarded the Purple Heart decoration.

JOHN FRANK SEEMAN, Gamma '42, Major, U. S. Army, whose death in Normandy on July 27, 1944, was reported in the last issue of *THE GEAR*, and about whom we now have more information, had been overseas since January 1944. He attended school in England and was out on several missions before D-Day in which he took part. He was born in Shanghai, China, where his father was head of the chemistry department of the Government School of Technology. He came to this country for his high school education in Los Angeles and then to the Colorado School of Mines where he graduated as a petroleum engineer in 1942. He was a member of Scabard and Blade and of Tau Beta Pi. He played football in his sophomore and junior years. In his senior year he was Cadet Colonel of the R.O.T.C. He was the son of Frank J. Seeman now living at 1238 South Orange Drive, Los Angeles. As a second lieutenant, he was inducted in the services at Ft. Rosecrans, San Diego, in May 1942, and after ten days at Ft. Belvoir was sent to Ft. Knox with the 20th Armored Engineers. He became a First Lieutenant in November 1942, a Captain in July 1943, and Major in May 1944. One of his classmates who served in the same battalion wrote to his parents that he had all the high qualities befitting a leader, and these led to his promotion over West Point men with older rank. He was to have been a Lieutenant Colonel soon. He died at the head of his

battalion in battle. He had a fine personality and the Army has lost a fine soldier, the fraternity an outstanding brother.

WALTER BARNARD TONGUE, Jr., Gamma '20, died on October 3, 1944, after a long illness. He was a native of New York City, but resided in Poughkeepsie most of his life. He graduated from high school in 1912 and shortly thereafter entered the Colorado School of Mines. Originally of the class of 1918, his course was interrupted by World War I, in which he served for 18 months as a lieutenant of the air corps. He returned to college after the war and graduated in 1920. In 1928, he was married to Miss Lucy Mary Smith of Poughkeepsie who survives him. He is also survived by two brothers, Donald G., who was associated with him in business, and Arthur C. of Kingston, N. Y. At the time of his death, he was vice-president of the Doty & Humphrey Drug Company of Poughkeepsie. He was a member of Tau Beta Pi.

CETH PEACOCK, Beta '09, died at Fort Smith, Arkansas, on June 19, 1941. At the time he was testifying in a law suit in behalf of the company for which he worked, the Hercules Powder Company of Duluth, Minnesota. He died very suddenly and the doctor gave the cause of the death as coronary thrombosis. The funeral was held at Maywood, Illinois, the home of his brother, H. E. Peacock.

ALFRED FRANCIS DUGGLEBY, Gamma '11, was executed by the Japanese a few days before the civilian prisoners at Santa Tomas in Manila were rescued by the American armed forces, according to a report by the Associated Press appearing in western newspapers. He had been acting as one of the committee looking out for the interests of the civilian prisoners and the entire committee, of which several were women, were killed and dumped into a common grave in an empty lot back of the prison. Brother Duggleby was born in Brisbane, Australia, on May 26, 1893, the son of Michal and Mary Duggleby. He received the degree of Engineer of Mines in 1915. After working for a time in Colorado he entered the armed forces during World War I. From 1919 to about 1929, he was employed by the Newmont Mining Company in New York, and near Grass Valley. He then went to the Philippine Islands and at the time of his death was Vice-President and Manager of the Benguet Consolidated and Balatoc Mining Companies, the largest gold mines in the Philippines, and he was also a director in the Luzon Power Company and the Heald Lumber Company. He was captured by the Japs when Manila fell and one of his duties in prison

was to spend the fifty cents per day per prisoner allowed by the Japanese for the purchase of food, medicine and other necessities. He was a member of Tau Beta Pi, the A. I. M. E., and various clubs in Manila, and was one of the outstanding mining engineer graduates of the Colorado School of Mines. His widow, Mrs. Dorothy Duggleby, lives in Grass Valley.

WILLIAM ROBERT SUTHERLAND, Beta '45, has been reported killed in action in France. He was a technical sergeant. His home was in East Cleveland, Ohio.

MISSING

ROBERT ROYDEN WILSON, Pi '40, Lieutenant, U. S. Air Corps, has been reported missing in action since September 16, 1942, his birthday. He attended the University of Virginia, studying mechanical engineering for three years and then leaving to join the armed forces as did so many of the members of Theta Tau. After receiving his commission as an aviator at Barksdale Field, Louisiana, he was sent to the Pacific in January 1942 via South America, Africa, India, to Java, Dutch East Indies. He was co-pilot of a B-17 Flying Fortress and a member of the famous 19th Bombardment Group mentioned in the book, "Queens Die Proudly." He participated in the Java battles and his plane was one of the few that finally reached Australia safely. His plane participated in one of the early attacks on Rabaul, New Britain, and failed to return to base. Nothing has been heard from him or any member of the crew and it is assumed that they were shot down in the night attack. He was awarded the Distinguished Flying Cross and the Silver Star. His parents, Mr. and Mrs. Roy Wilson, 53 Forest Avenue, Verona, New Jersey, survive him.

KENWARD VINCENT KILLIAN, Delta '42, Lt. (jg) USNR, a fighter pilot, has been reported missing in action since November 18, 1944, and it is feared that he has been lost. He was on a carrier in the South Pacific, having left the country for overseas duty on September 1, 1944. His home address is at R.F.D. No. 7, Akron, Ohio. He graduated as a mechanical engineer and while a student at Case was president of Blue Key, a member of the Senate, and of Tau Beta Pi.

ROBERT WALTER SMITHWICK, Rho '44, 2nd Lieutenant, U. S. Army, has been missing in action in France since December 18, 1944. His wife, the former Kathryn Evans of Lynchburg, Virginia, received the notice recently from the War Department. He is the son of Mr. and Mrs. R. W. Smithwick, Sr., of Louisburg, N. C.

Additions to Membership

ALPHA

- 503 LeRoy Hjalmar Olson, Moose Lake, Minn.
 504 Lewis Lawrence Farr, Ogden, Utah
 505 Edward Victor Mansfield, Fallbrook, Calif.
 506 Robert Kneeland Heule, Duluth, Minn.
 507 Wallace Hubert Bartoo, Spokane, Wash.
 508 Armin Adolf Richter, Alexandria, Minn.
 509 James Frederick Sullivan, Jr., Blackduck, Minn.
 510 Kenneth Harold Granquist, Duluth, Minn.
 511 Stanley Milton Perkins, Oshkosh, Wis.
 512 Richard Brown Evans, Duluth, Minn.

GAMMA

- 650 Miles Thoburn Rader, Jr., Denver, Colo.
 651 Louis Edward Gaspar, Lafayette, Colo.

DELTA

- 560 Salvatore Cicirello, Cleveland, Ohio
 561 Stephen Jack Koonce, Cleveland, Ohio
 562 Morton Jerome Gross, Cleveland, Ohio
 563 William Eugene Williams, Massillon, Ohio
 564 Michael John Toth, Cleveland, Ohio
 565 Robert Duncan Kreger, Oxford, Ohio
 566 William Eberle Kreger, Oxford, Ohio
 567 Howard Earl Roth, Euclid, Ohio
 568 David Miller Barrett, Des Moines, Iowa
 569 Robert Yonovitz, West Palm Beach, Florida
 570 Herbert Charles Rutemiller, Erie, Pa.
 571 David Harold Liechty, Akron, Ohio
 572 Jack Rebman, University Heights, Ohio
 573 Doran David Herberger, Walnut Creek, Ohio
 574 Russell Dale Bish, New Bethlehem, Pa.
 575 Herbert Frank Hardrath, Manitowoc, Wis.
 576 Roy Clarence Long, Muskegon, Mich.
 577 William Carlton LaBaugh, Jr., Bloomfield, N. J.
 578 Krell Earl Spires, Jr., Dayton, Ohio
 579 Stanley Angus Morash, Marblehead, Mass.
 580 Lee "D" Miller, Hicksville, Ohio
 581 Rudolph Anthony Kasunic, Cleveland Heights, Ohio

IOTA

- 498 Robert Emil Hackmann, St. Charles, Mo.
 499 John Gay Reilly, Jr., Pachuca Hidalgo, Mexico
 500 Allan Walter Lindberg, Cuba, Missouri
 501
 502 Richard Francis Piasecke, St. Louis, Mo.
 503 Joseph David Crites, Farmington, Mo.
 504 Robert Edward Pautler, Union, Missouri

- 505 Robert C. Rankin, Rolla, Missouri
 506 Arthur Tapperson, Jr., Mapleswood, Mo.
 507 James Edward Little, Clever, Missouri
 508 James Byron Chaney, Little Rock, Ark.
 509 Bernard Jay Sparlin, St. Louis, Missouri
 510 Michael James Delany, Jr., St. Louis, Mo.
 511 Jesse William Wilson, Spickard, Missouri
 512 Arthur Robert Meenen, St. Louis, Mo.

LAMBDA

- 534 Gordon Fred Jensen, Ogden, Utah
 535 Vincent Edwin Clayton, Salt Lake City, Utah
 536 Sherman Ross Oblad, Salt Lake City, Utah
 537 Finn B. Paulsen, Springfield, Idaho

MU

- 392 Enrique Velez, Santuce, Puerto Rico
 393 Thomas Wingate Wilder, III, Meridian, Miss.
 394 Murry Maisel, Mobile, Alabama
 395 William Kenneth Rey, New York City
 396 Tyler G. Hegenwald, New Orleans, La.
 397 James Roy Humphries, Lineville, Ala.
 398 Ernest Ladd Brown, Mobile, Alabama
 399 Frederic Carlson Hackett, Allentown, Pa.
 400 Frank Charles Hedderich, Jr., Brooklyn, N. Y.
 401 Leslie Clarke Longshore, Anniston, Ala.

RHO

- 335 Earl Grayson Bowen, Plymouth, N. C.
 336 Marshall Rich, Raleigh, N. C.
 337 Robert William Russell, Jr., High Point, N. C.
 338 Roy Lee Yelverton, Jr., Freemont, N. C.
 339 Pat Thomas Fugate, Jr., Elm City, N. C.
 340 Joseph Masten Monroe, Hamlet, N. C.
 341 Frederick Leon Page, III, Zebulon, N. C.

UPSILON

- 230 John G. Ragsdale, El Dorado, Ark.
 231 Martin Trester Dyke, 3d, Ft. Smith, Ark.
 232 John Paul Sanders, Hope, Arkansas
 233 Vance Carl Cupp, Light, Arkansas
 234 Paul Riley Bujarski, Blytheville, Ark.
 235 Maclyn McKeenan, Fayetteville, Ark.

PHI

- 202 Keith Walter Bann, Kennebec, S. D.
 203 Donald Geoffrey Carter, Webster Groves, Missouri
 204 James S. Eads, III, Conroe, Texas
 205 Paul Richard Hughes, Osgood, Indiana
 206 Wallace Wayne Liebendorfer, Rock Island, Illinois
 207 Herman Carl Thorman, Ft. Worth, Tex.
 208 Robert James Buehler, Whiting, Ind.
 209 Lawrence Anthony Zeis, St. Louis, Mo.

DELTA BETA

- | | |
|--|--|
| 120 William Joseph Gramig, Jr., Louisville, Ky. | 127 Leo Carl Rademaker, Jr., Louisville, Ky. |
| 121 Arthur Williams Belden, Jr., Birmingham, Alabama | 128 Robert Asbell Cunningham, Jr., Bellevue, Ky. |
| 122 Gilbert John Ahrens, Brooklyn, N. Y. | 129 John Douglas Wilson, Lynchburg, Va. |
| 123 Neil Courtland Rose, Louisville, Ky. | 130 James Willard Ellington, Ashland, Ky. |
| 124 William Harry Davis, Louisville, Ky. | 131 Richard Joseph Moorman, Cincinnati, Ohio |
| 125 Hugh Morrisette Taylor, Jr., Morristown, Tenn. | 132 Richard John Boehme, Ft. Thomas, Ky. |
| 126 Arthur Craig Wicker, Louisville, Ky. | 133 William Benson Hoofstetter, Columbus, Ohio |

A professor entered a Liberal Arts class room and announced, "Today I am going to give a lecture on Ethics—How many of you have read Chapter Twenty-five?"

Almost all of the hands in the room went up, without the least hesitation.

"You are the ones to whom this talk is addressed. There is no Chapter Twenty-five!"

Of course you've heard of the student who transferred from the Engineering College to the Law College and thereby raised the IQ of both.

A traitor who was sentenced to be shot was about to be marched across the court yard in a driving rain by the firing squad. The traitor bitterly complained, "It is not right to make me take this last walk with no protection from the rain."

"You should complain," said the guard. "We have to walk back."

Clear-voiced girl in crowded bus: "I wish that good looking man would give me his seat."

Five men got up.

"Did you have the car out last night, son?"

"Yes, Dad. I took some of the boys for a little ride."

"Well, tell the boys I found one of their little lace handkerchiefs."

Hunter (to old guide): "Have you ever been lost in the woods?"

Old Guide: "Never. But once I was bewildered for four days."

Daughter: "I'm going to do my bit, Dad. I'm getting a dressmaker to teach me to cut out dresses."

Dad: "I don't want you to go as far as that. But I think you might cut out cigarettes and \$15 hats."

A BACHELOR is a man who never makes the same mistake once.

A PHILOSOPHER is a person who says he doesn't care which side his bread is buttered on because he eats both sides anyway.

A DIPLOMAT is a person who can tell you to go to the devil so pleasantly that you're rarin' to get started.

A COMMITTEE is a body that keeps minutes and wastes hours.

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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NUMBER 2

ENGINEERS AND SAFETY

Engineers who are engaged in the construction, maintenance or operating fields inevitably encounter safety problems and frequently feel the need for more education along these lines. The practice of Safety Engineering has been advancing steadily since the industrial age came to civilization, but recent production demands in the face of severe manpower shortages have emphasized its importance more than ever before. The United States Department of Labor through its National Committee on Safety Engineering Education in Colleges is making headway in its campaign to keep alive an interest in and to develop plans for the future of safety training. Their plan is (a) safety be made a part of each engineering course in every college of engineering; (b) at a few colleges, well distributed geographically, provisions should be made for a one-year specialized graduate course in Safety Engineering and (c) extension courses should be set-up in industrial areas to train persons from local industrial establishments who have either full- or part-time responsibility for safety.

First recognition of the need for safety practices in industry by a legislative body in this country was in Massachusetts when that state, in 1867, passed a law providing for the services of factory inspectors. In 1877, the Massachusetts legislature

voted to compel employers to safeguard hazardous machinery. It remained for a southern state, Alabama, though, to first pass an Employers Liability Law, in 1855. This was quickly followed by similar action in other states and now, workmen's compensation laws are in force in all but one state of the Union. In 1912, a small group of engineers met in Milwaukee under the auspices of the Association of Iron and Steel Electrical Engineers to exchange ideas on such subjects as the cost of accidents, their causes, and their prevention. These early enthusiasts represented insurance companies, industrial corporations, departments of state and federal governments, and other interested groups. At this meeting it was agreed to organize a larger convention, which met the following year in New York City. Thus, in 1913, was perfected the organization of the National Council for Industrial Safety which in 1915 broadened in scope to become the National Safety Council. Under the Council's leadership, interest in safety has progressed immensely not only throughout industry, but also in the schools, on the highways and in our homes.

At the beginning of the present emergency, with only a few safety engineers available for our rapidly expanding industrial operations a far reaching and finished program was obviously impossible. However, through

efforts of the National Committee for the Conservation of Manpower in War Industries and other related groups over 70,000 key production supervisors have been trained in basic safety work since 1942. The pioneer work was done by the University of Pennsylvania but many other engineering schools have cooperated in the program. Thus the objectives of the NCSEEC, are already well-started and their complete attainment, another great step forward in the safety movement, seems assured.

THE PROSPECT

It is likely that the fraternity has reached the low point of its war-time struggle to remain in existence. This observation is indicated by some of the chapter correspondents to this issue. As we go to press, twelve of the twenty-three chapters have reported and only one thought that conditions were likely to get worse. Several sounded a distinctly optimistic note.

Judging from the chapter letters, the number of undergraduate members

in the chapters is about thirty-five percent of the pre-war figure. Many of these are navy personnel whose time and interest is naturally chiefly concerned with the big job ahead. It is, therefore, to be expected that chapter efficiency and activity is not up to par in many cases.

The ray of hope which many see is the increasing number of returning veterans. All engineering schools foresee a substantial increase over pre-war enrollments because of the availability of government aid to these men. There is a definite feeling that a larger than normal number will be attracted to the engineering profession. These older, more mature men are more likely to be interested in the program of the professional fraternity than that of the general fraternity. College authorities are already commenting upon the more serious attitude of these men.

It seems apparent that chapters which have a strong professional program will find many ex-service men interested in membership.

Read this sentence: FEWER FUSE FAILURES ARE THE RESULT OF SCIENTIFIC STUDY COMBINED WITH THE EXPERIENCE OF YEARS. Now count the "f's" in the sentence just once.

Now score yourself: Four "f's", your intelligence is average;

Five, you're above average;

Six, you should put your name in gold letters on the side of your auto;

Seven, you are much too smart to be wasting your time on silly things like this.

Two little negro boys were loitering on a street corner when one said to the other, "How old is you?"

"Ah's five," was the reply. "How old is you?"

"Ah don't know," said the first.

"You don't know how old you is?"

"Nope."

"Does women bother you?"

"Nope."

"You'se fo'."

Grand Regent Announces Current Chapter Advisers

Alpha	Mr. Fred S. Teske	4524 24th Ave., South	Minneapolis, Minn.
Beta	Prof. L. F. Duggan	Michigan Tech	Houghton, Mich.
Gamma	Prof. M. I. Signer	Colo. School of Mines	Golden, Colo.
Delta	Prof. L. J. Riordan	Case School of Ap. Sci.	Cleveland, Ohio
Zeta	Prof. G. W. Bradshaw	Univ. of Kansas	Lawrence, Kans.
Theta	Prof. E. A. Peretti	Columbia Univ.	New York, N. Y.
Lambda	Mr. G. W. Carter	Univ. of Utah	Salt Lake City, Utah
Mu	Prof. J. M. Faircloth	Univ. of Alabama	University, Ala.
Nu	Prof. J. M. Daniels	Carnegie Inst. of Tech.	Pittsburgh, Pa.
Omicron	Prof. J. W. Howe	Univ. of Iowa	Iowa City, Iowa
Pi	Prof. L. R. Quarles	Univ. of Virginia	Charlottesville, Va.
Rho	Prof. T. C. Brown	No. Car. State College	Raleigh, N. C.
Sigma	Prof. C. H. Wall	Ohio State Univ.	Columbus, Ohio
Tau	Prof. Earl Church	Syracuse Univ.	Syracuse, N. Y.
Upsilon	Prof. W. B. Stelzner	Univ. of Arkansas	Fayetteville, Ark.
Chi	Prof. E. S. Borgquist	Univ. of Arizona	Tucson, Ariz.
Psi	Prof. O. A. Dingman	Mont. School of Mines	Butte, Mont.
Omega	Prof. J. D. Bump	S. Dak. School of Mines	Rapid City, S. D.
Gamma Beta	Prof. N. B. Ames	Geo. Washington Univ.	Washington, D. C.
Delta Beta	Prof. M. G. Northrup	Univ. of Louisville	Louisville, Ky.

Letters from the Chapters

Alpha Definitely on Its Feet



Greetings to all Brothers:

Since the last issue of *THE GEAR*, Alpha has continued to hold its own among the fraternities on campus. The Navy V-12 still continues to be the source of most of our brothers, but an open eye is

watching the civilians too.

Three active graduates from the V-12 program in February, leaving a total of 28. Of those graduating, John Beavens and Willis Jennings (B. Ae E.) went to Cornell Midshipmen's School; and, George Burton (B.C.E.) went to Camp Endicott.

Formal initiation on February 11th brought in the following new brothers: Lewis Farr, Robert Heule, Stanley Perkins, Armin Richter, James Sullivan, Wallace Bartoo, Kenneth Granquist, LeRoy Olson, and Edward Mansfield. A special initiation was held on February 19th to initiate Brother Richard Evans who was unable to be present at the February 11th initiation because of his activity on the University Swimming Team. Brother Evans, incidentally, was recently initiated into Chi Epsilon along with Brothers Rosene, Duscha, and Huset. Brother Rosene also made Tau Beta Pi; and Brother Ruane was initiated into Eta Kappa Nu.

New Officers, recently elected, are Delbert Collinson, Regent; Frank Peters, Vice-Regent; Lloyd Duscha, Marshal; Donald Wilfahrt, Inner Guard; Robert Rosene, Outer Guard; Willis Lutz, Scribe; Fred Teske, Treasurer; and Don Wilfahrt, appointed Social Chairman.

The chapter house is still the one located at 324 Walnut Street, S.E., and with the aid of the Mother's club and the cooperation of the brothers, it has been kept in good shape.

The biggest job ahead, in this respect, will be the yard cleaning necessary now that it looks as if spring has finally arrived.

Alpha has had a busy social life during the winter quarter. A dinner-dance given at the Hotel Leamington on February 3rd for the graduating seniors and pledges proved a success, with about 20 couples attending. Al Hadad's orchestra provided the music for the Inner-Pro Ball held at the Hotel Radisson on February 17th. The Tri-Tech Ball, which is to be a dinner dance on April 7th in the Junior Ballroom of the Coffman Memorial Union will be semi-formal. Bud Strawn's orchestra will provide music for the dancing.

A technical meeting, held with the purpose of interesting fellows in pledging, was held on January 19th. Alumnus, Charles Britzies of the Twin Cities Testing Laboratories was the speaker; and his subject of why, how, and where tests are conducted by the laboratory proved very interesting and informative. Informal initiation of the pledges, obtained as a result of this meeting and the activity of the brothers, took place on February 10th, with the already noted formal initiations following.

The basketball team, which had just been organized at the time of the last *GEAR*, failed to take the Intramural title, as we hoped, but did come in second place with four wins and two losses.

Worthy of special mention is the activity of our Treasurer, Fred Teske, who, despite his recent change of positions from the faculty of the University to the offices of the Sioux Line Railway, has managed to remain the one who keeps an eye on things in general as well as fulfilling his responsibility as treasurer.

Yours in H. & T.,

WILLIS LUTZ, Scribe
March 20, 1945

Beta Plans to Resume in the Fall



Dear Brothers:

The Beta chapter of Theta Tau is still inactive. The faculty advisor is Leo F. Duggan. There are, at present, two actives on the campus—Billy Jay Ellerthorpe (senior) and Bernard

Beckner (junior), and one pledge—John P.

Kerwin (junior). The chapter house, after being used by the A.S.T.P. for about a year, was again closed down and is still closed. There are plans afoot to repair the house and start pledging new men now that the number of civilian students on the campus has started to increase. We hope to have the house open by next fall and to put Beta back into active existence.

Congratulations to Brother "Hank" Beard

who is the proud father of a boy, Henry Beard, III. Brother Beard is at present working in Detroit. Brother Bob Hall is flying B-29's in Clovis, New Mexico. Brother "Snuffy" Dorr is working in Tucson, Arizona. We would like to congratulate Brother Bob Asselin on becoming engaged to Miss Ellen Norman. Brother "Butch" Davis is in the army and is on Luzon. Brother Lieutenant Bud Dick was home on leave and visited Tech. Ensign David Jahnke was home to see his wife and family and dropped by to say hello and

hoped that we would soon open the house. Lt. R. E. Eddy and Irene LeDuc were married on February 15th at Foster Field, Texas.

Beta was very sorry to hear of the death of Technical Sergeant William Sutherland of Cleveland, Ohio. Brother Sutherland was killed in action in France.

To all Beta alumni, wherever you may be, we send our best wishes and hope that you may let us hear from you when time permits.

Yours in H. & T.,

BERNARD E. BECKNER, Acting Scribe

Gamma Small But Determined

GOLDEN
■
COLORADO

Dear Brothers:

Gamma chapter of Theta Tau has seen a great decline in membership during the past year. In the spring of 1944, we boasted of a chapter of 20 actives and 6 pledges, but with suspension of 2A deferments, we were left with the 6 pledges and only 2 remaining actives, who were seniors.

This left the new men with a great responsibility of carrying on with little experience; however, with hard work, we have kept the chapter quite active and are building up as best we can. We have chapter of 7 actives and 1 pledge now.

We have tried to keep the quality of Theta Tau the same as it has been in the past by pledging only those men whom we feel are worthy of membership, and can help us build a foundation for future years through hard work, initiative, and good sportsmanship. We feel, by striving to keep the standards of Theta Tau high despite the shortage of men on the campus, we are not letting our alumni and brothers in service down in their absence. We have a little fewer than 100 students registered for the spring semester.

Our officers are as follows: Regent, John Anderson, Jr.; Treasurer, W. Jones McQuinn; Scribe, Morgan T. Townsend; and Marshal, Frank A. Seeton. Our advisor is Professor N. I. Signer, Head of the Mining Department.

On campus here in Golden, the traditional rivalry between Theta Tau and Sigma Gamma still prevails, and we still seem to be holding the reins. Last summer, the "Sig Gams" came across with a keg of beer, having been soundly thrashed in our annual football game. Last February, we again put the "Sig Gams" in

their place by beating them at their own game, basketball. We are now waiting with anticipation for the usual keg of beer. All is not roses, however, for only last week, we got ours from the rivals. Their pledges de-panted one and all of our membership. For shame, gentlemen!

Dinner meetings are held regularly on the first Wednesday of every month, at which time all pertinent matters are discussed, future plans made, and any old business cleaned up.

At one time, we discussed plans for a Theta Tau dance, but realized that with our small group, and also the small student enrollment on campus, we couldn't make a go of it. Perhaps as more men are pledged and more men return from service to school, we can have a dance which is representative of Theta Tau style.

Yours in H. & T.,

Gamma Chapter of Theta Tau



Top: Anderson, Seeton, Gasper, McQuinn
Bottom: Wilcoxon, Townsend, Howbert
(Rader absent)

Delta Stimulating Interest in Cleveland A. A.



Dear Brothers:

Delta chapter here at Case has been quite fortunate thus far in that the Navy has continued to send V-12 students from other schools to complete their engineering education here. This

and the fact that the services are constantly calling our civilian members accounts for the fact that 31 of our 38 members are Naval trainees.

Delta initiated eleven new members at its meeting on January 23rd. Of this group, Herschberger, Kasunic, and Rebman are civilians, and Miller, LaBaugh, Long, Morash, Spires, W. E. Williams, Bish, and Hardrath are V-12 students. Five of these men took their freshman courses at other schools before attending Case. Morash and LaBaugh came from Notre Dame and overseas service before that, Long attended the University of Michigan, and Hardrath came from Tulane University. Bish attended Penn State before going overseas with the Seabees and came to Case as a junior. He has since graduated and is now at the Naval Officer's Indoctrination School at Camp Endicott, Rhode Island.

Others who have left us are Farmer and Cicerello who have gone into training for the Naval Air Corps, Prince and Zwiesler have left for midshipman training, Hill has joined the Navy, and Yonovitz is now in the Merchant Marine. Our ranks will be further depleted in April when 15 of our members will graduate. Nearly all of these men are in the navy and will report to midshipman schools for further training.

At our meeting on March 6th, we elected new officers with the following results: Charles Schmalz, Regent; Stan Morash, Treasurer; Jack Rebman, Vice-Regent; Tom McGann, Scribe; and Herb Hardrath, Corresponding Secretary.

Delta's actives are looking forward to the farewell party which has been arranged for the departing seniors by our alumni. It is planned to hold this gathering on March 27th. Jim Krebs will also be initiated at that time.

Theta Tau alumni in Cleveland and surrounding territory have made great strides toward organizing. Regular meetings have been held at the Cleveland Engineering Society Building. Bruce Baty, Delta '43, has been elected president of the group and has done a fine job of getting all other alumni to the

meetings. There are about 200 Theta Tau alumni in this district and every effort is being made to interest these men in the alumni activities. So far about 50 men have joined the group. Delta actives were invited to a dinner meeting of alumni group in February, and all who attended had a good time. The food and refreshments served were especially enjoyed.

On February 22nd, Case held its annual Honors Day Convocation. At this time, Case Honor Keys, the highest award given to Case students, were presented to 20 men, of whom five were members of Theta Tau. They were Ray Stanish, R. D. Williams, Bob Tupa, Mort Gross, and Bob Yonovitz.

Other types of awards were also made, and Delta members walked away with their share of them. Case Senate Keys were presented to Stanish and R. Williams. The Interfraternity Council gave keys to T. E. Duffy, G. H. Galloway, F. J. Prince, R. J. Stanish, and R. D. Williams, in recognition of the work these men carried out as members of that body. R. C. Tupa won a Case News Service Key; Musical club keys were given to E. W. Samuel and M. J. Gross; Tau Kappa Alpha keys went to M. J. Gross, R. J. Stanish, and H. C. Rute-miller; T. E. Duffy, H. A. Shelley, R. D. Williams, and W. E. Williams received Pi Delta Epsilon Keys; and Case Tech keys were awarded to R. A. Kasunic, H. A. Shelley, and R. D. Williams. Mike Toth also received the A.S.M.E. award for outstanding service to that organization.

Many other Delta members have been recognized in various ways on our campus. Tau Beta Pi elected Ted Benedict, Rollin Waite, Bob Tupa, Don Vanderwist, Stan Weissberg, Mort Gross, Bob Spurney, Jack Rebman, and Bob and Bill Kreger to its membership recently. Bob and Bill Kreger were also elected to Blue Key. Charles Schmalz has been playing with the Case varsity basketball team.

Delta chapter has been busy selecting the most promising senior of the year. This selection is made in cooperation with the faculty and the man chosen will have his name engraved on the Theta Tau plaque which hangs in Case's main office.

In closing, we would like to invite all alumni of Theta Tau in this vicinity to contact the alumni group.

Yours in H. & T.,

HERBERT F. HARDRATH
Corresponding Secretary

Zeta Holds the Line

LAWRENCE KANSAS

Dear Brother Schrader:

In answer to your letter of January 27, 1945, I am pleased to report that Zeta is active, or probably, I should say, semi-active. We now have thirteen members, one civilian, and twelve V-12 boys. Because of their academic responsibilities and their restriction by the Navy, it makes it difficult for them to give any time to an outside organization. However, we have succeeded in holding monthly meetings which has tended to keep the organization together and has enabled us to make plans for the future.

The failure of the chapter to get a letter in for the last GEAR is probably my fault. It slipped my mind and the boys being new, of course did not realize that they should send one in.

On the whole, I can say that the chapter has done fairly well. Our worst period is probably just ahead, with the V-12 unit probably closing here on July 1st, 1945. We are somewhat in doubt of whether or not we will have a very big organization beginning next fall, but are doing our best to keep things going. The Betas are in our house at present. They, of course, will be moving back into their own house in July. The maintenance of our house will be somewhat of a problem in itself, but we are hoping for the best, and I am sure there will be some solution when the time arrives.

The chapter files are now in my office and all correspondence addressed to the chapter should be addressed to this office.

In H. & T.,

G. W. BRADSHAW, Chapter Adviser
February 3, 1945

Alumni Help Lambda to Remain Active



Dear Brethren:

Lambda chapter is faring well in spite of existing conditions. At the start of the spring quarter in March, we had eight active and eight alums as members to keep the chapter operating in

an active status.

Elections for the '44-'45 year were held November 1, 1944. The following were named officers: L. J. Nuttal, Regent; A. B. Johnson, Vice-Regent; L. Wahlquist, Secretary-Treas. Prof. George W. Carter accepted the duties of chapter adviser.

Early in January we held the first initiation that had been held since the preceeding April.



Ellison, Clayton, Jensen, Prof. Hogan, Oblad, Nuttal, Wahlquist, Paulson, Johnson

We initiated four men, S. R. Oblad, Gordon Jensen, Vince Clayton and Finn Paulson. Immediately following the initiation Brother Jensen donned a blue uniform and left the Chapter for the duration of the war.

The activities of the chapter during the past quarter were limited to regular meetings and one chapter party. Prof. Franklin S.

Harris spoke at one meeting on Einstein's special theory of relativity.

We would appreciate any mail from the alumni of Lambda Chapter so that we can keep in touch with as many as possible.

Yours in H. & T.,

ARNOLD B. JOHNSON

Acting Corresponding Sec'y

Nu Believes It Has Passed Its Low Point



PITTSBURGH
PA.

Dear Brother Howe:

Recent developments at Nu Chapter seem to indicate that matters have taken a turn for the better. Affairs have indeed progressed so well as to permit some of the brothers to develop the optimistic hope that the low point has been passed, and the process of re-development will now take place.

Rushing activities have been quite successful. The pledging and expected initiation of fourteen promising new members will more than offset the loss by graduation of seven of the chapter's ten present members. Despite the anticipated loss of some of the new brothers to the Armed Forces, the chapter fully expects to be able to continue without a serious shortage of members.

In the matter of campus activities, Theta

Tau has once again established itself as a bright light in school affairs. A bridge tournament was held recently, and besides being quite a social success in itself, it was the talk of the campus for several weeks, even among those who did not sufficiently trust their card-playing ability to enter. Reawakening past traditions, the chapter last season entered a team in intramural basketball competition. All along the line, signs of a new development of fraternity spirit are evident.

At present, the chapter's officers are as follows: Regent, David Christie; Vice-Regent, Daniel Schacher; Scribe, Harold Gottesman; Corresponding Secretary, John Sieger. Professor J. M. Daniels acts as treasurer and faculty adviser.

Yours in H. & T.,

JOHN S. SIEGER,

Corresponding Secretary

Rho's Head is "B. b. U."



RALEIGH
NC.

Dear Brothers:

As has been the case for several years, troubled waters have been our lot. Competition from General Bill Hershey and Paul McNutt has, upon several occasions, almost proved too overwhelming! But Rho is happy to report that, to this date, its "head is bloody, but unbowed!"

In January, 1944, Rho began a new venture—that of having a house of her own. Only after considerable working and much hoping did these dreams become a realization. We lived in the house, existing very successfully, until six months later. The owner sold the property and we were forced to get out. Most of the boys living with us either graduated or left school to join the armed forces so the members remaining at State decided to abandon all hopes for securing another chapter house for the duration since there is such a large turnover of men. The risk of keeping enough boys in the house to pay the bills was considerable. At the present time, all our fur-

niture and belongings that we acquired in the six months time have been stored and are properly being taken care of.

The present officers are T. Bayard Whitehurst, Jr., of Greensboro, Regent; Richard W. Kennison, of Raleigh, Vice-Regent; Marion C. Sasser, of Selma, Scribe; and Robert E. Wooten of Raleigh, Treasurer. Walter W. Harper of Tarboro is our Marshal; Chester A. Fisler of Ivanhoe, Inner Guard; James S. Hepler of Greensboro, Outer Guard; and Craig H. Stone of Mt. Gilead, Corresponding Secretary.

New members of Rho chapter who have been initiated this year are: Roy L. Yelverton of Raleigh, Earl G. Bowen of Plymouth, Robert W. Russell of High Point, Marshall Rich of Raleigh, Joseph M. Monroe of Hamlet, Patton T. Fugate of Elm City, and Frederick L. Page, III, of Zebulon. We very definitely have not relaxed our requirements for membership. Many of the new initiates have already made many scholastic achievements and campus names for themselves. We have

at present one pledge, L. William Gatlin, whom we plan to initiate in the very near future. Plans for a smoker are already underway.

Again this year, as we have done for the past several years, Rho sponsored successfully the Annual Raleigh Little Theatre Drive on the campus. We do this as a means of helping us financially, as well as sponsoring worthy projects on the campus.

On February 11, 1945, Rho held its annual Founders' Day Banquet at the Raleigh Woman's Club. Mr. Robert B. Rice, executive officer of the Mechanical Engineering Department and head of the Naval Diesel School on the campus, was our guest speaker. Approximately fifteen members and their dates attended the festivities which, after a chicken dinner, were highlighted by a private dance which was held in the main auditorium of the club. Music was furnished by the leading bands of the nation, on records.

Rho began its activities this year with only eight members and three pledges returning. We had fourteen members withdraw at the end of last year either to enter the armed forces or to take their places in industry upon graduation. At the present time, we have built our active membership up to fifteen, not including one pledge. We are very glad to welcome back Brother John S. Holoway, who withdrew from school last spring to transfer to Columbia University. We still have our

two faculty advisers, Professors T. C. Brown and W. F. Babcock. Chancellor John W. Harrelson returned to school in July after serving some time in the army as a colonel.

This year, as has always been the case, Theta Tau men have made many scholastic honors and acquired for themselves, both individually and collectively a name on the campus. Rho is extremely fortunate in having obtained the following honor positions.

Our Regent, T. Bayard Whitehurst, is president of the Senior class, president of the Institute of the Aeronautical Sciences; treasurer of the Engineer's council; vice-president of Mu Beta Psi, honorary musical fraternity; representative to the Social Functions Committee, and to the Publications Board. He is a member of the Kappa Alpha fraternity and is a dormitory assistant, as well as taking a very active part in the college band, orchestra, and glee club.

Our Vice-Regent, Richard W. Kennison, is vice-president of the Junior class and is a representative to the Student Council and to the Athletic Council.

Marion C. Sasser, our Scribe, is vice-president of the Engineers; secretary-treasurer of the senior class and a representative to the Interfraternity Council from Sigma Phi Epsilon, social fraternity.

Rho's treasurer, Robert E. Wooten, is president of the Junior class and a member of the Social Functions Committee. He was recently

Bro. Wooten, Prof. Brown, Mrs. Brown, Prof. Rice, Bro. Harder

The Banquet Table



Front: Fugate, Stone, Sasser, Wooten, Prof. Brown, Whitehurst, Kennison
Back: Dillon, Monroe, Gatlin, Harper, Russell, Bowen, Fisler, Yelverton, Hepler

Party Group

initiated into the Pi Kappa Alpha social fraternity and is an ardent supporter of the local chapter of the American Society of Mechanical Engineers. He also serves as sports editor of the *Technician*, the college newspaper.

Earl G. Bowen is president of the Y.M.C.A. C. A. Dillon is president of the A.S.M.E.; president of the Pi Kappa Alpha social fraternity; is a representative to the Engineers' Council and is treasurer of the junior class as well as being a representative to the Athletic Council. Chester A. Fidler is a representative to the Student Council and the Social Functions committee. Pat Fugate has recently been elected as managing editor of the *Technician*, fulfilling the place of Fred L. Page who has withdrawn from school to enter the armed forces.

James S. Hepler is president of the Engineer's Council; president of the Alpha Lambda Tau fraternity; a representative to the Student Council and a member of the Institute of the Aeronautical Sciences. Fred L. Page, who has just withdrawn from school to enter the armed forces, was president of the Interfraternity Council; president of Lambda Chi Alpha fraternity; business manager of the *Technician* for the year 1943-44, and managing editor for 1944-45.

L. William Gatlin, whom we plan to initiate in the near future, is editor of the *Technician*; a member of Sigma Phi Epsilon fraternity, and is a very capable dormitory assistant. He also takes an active part in every drive that is sponsored on the campus.

We have had a considerable number of our alumni receive commissions in the various armed forces recently. Some of these include:

F. Shirley Boyer, Stanley A. Teiser, Robert W. Smithwick, Jr., Clarence N. Steele, Preston D. Page, Dave H. Michal, C. Rufus McNair, Riley M. Little, N. Scott Ireland, W. Roy Hayes, Jr., Henry Gilmore, Maurice B. Dunn, Douglas A. Craven, Henry F. Chestnutt, James B. Lambeth, Loy E. Paysour, Jr., Kendall Betts, George Greene, and Robert Eppes. Many of these, as well as many other of our alumni, are serving overseas.

We have many cadets in the various air forces, who expect to receive their commissions soon. These include aviation cadets Merlin A. Meares, Robert Hinkle, S. Louis Furches, Marshall Rich, Johnnie Johnson, and Lester Woodall. George B. Stevens and A. Cliff Spruill, our Regent for 1943-44, are serving in the navy, while Floyd P. Barnes, J. W. Fouts, and J. H. Berrier are serving in the army. All of these men except Robert Hinkle were active in the chapter last year.

We plan to publish Volume 2, Number 1 of the *Gearlet*, our alumni newspaper, early in April. Earl (Pop) Bowen is to edit this issue and reports from him say that this will be an excellent one.

We will have only three members graduating before the next issue of *THE GEAR* will come out. These include Marion C. Sawyer, who will receive his degree in Industrial Engineering, T. Bayard Whitehurst, and James S. Hepler, who will receive their degrees in Aeronautical Engineering.

We send our very best regards to all Theta Tau alumni and chapters wherever they may be.

Yours in H. & T.,

Rho Chapter of Theta Tau

Tau Still in Good Shape



We in Tau Chapter are proud to say that we have survived—so far that is—the present war time crisis. At present we have seven members, all civilians, but we have in process 13 new pledges,

also all civilians. Five of the seven members are seniors, with graduation scheduled for April 30th.

When Tau Beta Pi announced the election of new members recently, we found that three of our members had been chosen. This honor went to David R. Andrews, '45, Bruno Morabito, '45, and Robert Savasky, '46. Andrews, Morabito, and Savasky also celebrated their election to Pi Mu Epsilon, mathematics honorary, last week.

The officers of Tau, at present, consist of

Charles D. Taylor, '45, regent; Ralph Chaffee, '45, vice-regent; and David R. Andrews treasurer. The United States Maritime Service recently claimed our scribe, Lloyd Armstrong, '45. Regent Taylor is also President of the American Society of Civil Engineers, President of the Applied Science Honor Committee, and president of the Senior class, College of Applied Science.

As for cross-campus politics, we have Sterling Mayo, '45, who is the president of the senior class of Syracuse University. Mayo was recently elected to Who's Who in American Universities, and is really worthy of the honor; he has done a bang-up job as senior class "prexy."

Early this semester, the chapter was saddened by the death of our chapter adviser, Professor Edward F. Berry, Head of the Department of Civil Engineering. Professor Berry

was one of the founders of Tau chapter at Syracuse. The chapter adviser at present is Professor Earl Church, who is head of the Department of Photogrammetry and is recognized as one of the nation's authorities on aerial photogrammetry.

On March 3-4, Tau chapter was honored by a visit from Mr. A. Dexter Hinckley, the Grand Outer Guard of Theta Tau.

Tau, as has become tradition here at Syracuse, is promoting the Engineer's Banquet again this year, this being the 44th annual banquet. The banquet is scheduled for April

7th, and is *the* big event in the engineering year. As before, it is going to be held in the main ballroom of the Hotel Syracuse.

As for alumni, Tau's men are distinguishing themselves in the service; and in industry.

Tau would like to take this chance to extend its best wishes to the other chapters of the fraternity and to all the members of all the chapters who are now in the service.

Yours in H. & T.,

CHARLES D. TAYLOR
Regent, Tau Chapter

Chi Resumes Activity



Dear Brothers:

After a two year period of inactivity due to the lack of students in the Engineering and Mines Colleges, Chi Chapter is once again active. We started off this year with only two active mem-

bers returning to school. However, with more and more men coming out of the service and back to school, we're looking forward to greatly increased activity in the next few years.

Initiation of new members, Russ McGibeny, Pete Mosier, Maurice Malick, Phil Newlin, Ed King, and Field Curry was made on February 21, 1945, followed by, believe it or not, a thick, juicy steak dinner with the alumni members present. There are now eight active members and twelve alumni members in Tucson, although one of our actives, Ed King, is soon to leave for service with the Merchant Marine.

Election of officers was held recently with new members elected to fill the posts: Regent, Russell McGibeny; Vice-Regent, Maurice Malick; Scribe, Field Curry; Treasurer, Phil Newlin; and Corresponding Secretary, Pete Mosier. Professor E. S. Borgquist, Lambda '11, is our faculty adviser.

Chapter meetings are held twice monthly with the members presenting short talks on engineering topics in addition to conducting regular business. Future activities include a bridge party (the old chapter minutes say these are pretty good), and a banquet given in honor of our one graduating senior, Bob High. Pete Mosier was just elected President of the student body of the University.

The University of Arizona's St. Pat's Day was celebrated in a very limited manner. The engineers edited part of the campus newspaper, "The Wildcat", and held an Engineer's Dance in the evening, but there was no picnic and no milk fund drive. "Them was the good old days."

Yours in H. & T.,

FIELD CURRY, Scribe



Psi Hanging On By the Eyelashes



Dear Brother Editor:

Just a few lines to let you know that Psi chapter is still alive, although things are not looking so good for us at present.

The last class of V-12's to midshipmen's school depleted our number of active badly and at present there are only five of us left.

Plans are now underway for a dinner-dance pledge party at the Roundup Room of the Finlen Hotel on March 31. We are also planning a horseback riding party for April 14th, weather permitting.

Several of us Psi's attended the recent wedding of our brother, Ensign Doyle Harris, who married Miss Jean Craver of Butte.

Ensign Tom McKenzie, former officer of Psi chapter is also home on leave at present.

Our present officers are: Regent, Al Saterdal; Vice-Regent, John Leeds; Scribe, Harry Hunter; Treasurer, Jack Nordquist; and Corresponding Secretary, Arden Blair.

Our chapter adviser is Professor O. A. Dingman.

We hope to remain "on record" for the duration, however, if at all possible and practical.

We of Psi chapter send greetings to all of you Theta Taus.

Yours in H. & T.,

ARDEN F. BLAIR

Corresponding Secretary

March 18, 1945

Omega Still Percolating



Dear Brothers:

Even with the shortage of men, Omega chapter is still active. In the last initiation, we gained four new members. They

are: K. Bischel, D. Robert on, G. Hoy, and A. Mogck. With the addition of these, our membership is raised to ten.

Correction: In our last letter Brother Butler said Meyer and Rudolph were in the army. We have since learned that they are in the navy.

A dinner was given for the prospective pledges at the Alex Johnson hotel. J. Bump and Jerry Munson gave talks on the aims, principles, and functions of Theta Tau.

Our most recent activity was a smoker given for the new members. There was, of

course, a meeting of the Bridge Club. Brother Panerio was high. (Editor's note: How do you mean, *high*?)

We have been planning a party and also a picnic. The party will be held in the near future, but the picnic will have to wait until the snow melts and the ground thaws.

The present officers are: Regent, Strom; Vice-Regent, Johnson; Treasurer, Panerio; Scribe, Butler; Corresponding Secretary, Nelson. Johnson was elected Vice-Regent at our last election.

Brother Bump is still our adviser and we all hope he will continue his good work for which we are highly indebted.

Yours in H. & T.,

RAYMOND NELSON,

Corresponding Secretary

March 18, 1945

Gamma Beta Celebrates Tenth Anniversary



Dear Brothers:

It is now 12 p.m. and, in accordance with the regulations of the Director of War Mobilization, our celebration of the tenth anniversary of Gamma Beta chapter has just

ended.

The business for the day was conducted at Columbian House on the campus of George Washington University and consisted of the

formal initiation of the following nine men: Alfred L. Albert, Stuart C. Beatson, Rudolph Gareau, Felix D. Geissler, Barrett Kreisberg, Arnold M. Kronstadt, Girard R. Jetton, Harren A. Milafsky, and Earl W. Pritchett.

The meeting was adjourned in time for our banquet at the Roger-Smith Hotel, where over 40 members and alumni from far and near gathered, dined, reminisced, and sang our songs. Among those at the head of the table were Honorary Member and our Dean, Frederick W. Feiker; charter members, Colonel Norman Bruce Ames (just recovered from an

attack of pneumonia) and J. Harold Link; and the president of the alumni, Ira Jones. Occupying the place of honor, figuratively speaking, was our service flag representing fifty-five of our brothers, most of whom were unable to attend. Symbolically outstanding in that field of blue stars, just as they were at school, shone the three gold stars of our former classmates and brothers, Francis Finan, Al Sidler, and Sam Myers. To these three we paid homage and to the others we wished good luck and God speed.

Dean Feiker reminded us in his address that we were fortunate enough to have 210 civilian engineering students enrolled this year and that we should not relax in our efforts to help improve our engineering facilities and standing in the university. He asked for more co-operation from the alumni, as a whole, for an extended effort in the immediate future to further improve our engineering school.

The alumni presented the chapter with a birthday cake with ten candles and congratulated us on our tenth birthday.

Immediately following the banquet, the traditional dance was held, at which time everyone had an opportunity to meet both the old and the new members of Theta Tau and their dates.

At the last long meeting the following new officers were elected or appointed: Vice-Regent, Edgar Berdahl; Treasurer, Dan Andriach; Asst. Treasurer, George Pida; Inner Guard, Al Barauch; Outer Guard, Dave Carlson; Corresponding Secretary, Woodrow Armstrong.

We also had word from Ewing J. Ballou that the 1941 edition of the directory would be ready for publication as soon as he stopped getting changes of address from all the members.

Yours in H. & T.,

WOODROW ARMSTRONG

Twin City A. A. Has Founders' Day Banquet

March 17, 1945

GEAR of Theta Tau

Iowa City, Iowa

Dear Brothers:

The Twin City Alumni Association of Theta Tau is still active. Many of our men are in service as the information regarding Alpha Alumni shows.

Our fall meeting was held at the time of the Founders' Day Banquet on October 15, 1944, at the Coffman Memorial Union on the University of Minnesota campus. Our spring meeting will be held soon.

The following are now officers: President, Lewis Martin; Vice-President, Don Alderson; and Secretary-Treasurer, Charles W. Britzius.

Yours in H. & T.,

C. W. BRITZIUS, Sec'y-Treasurer



Intermountain to Celebrate Lambda's 25th Anniversary

Dear Brother Howe:

The officers of the I.A.A. of Theta Tau for the 1944-45 year are Mervin B. Hogan, President; Wayne Turpin, Vice-President, and C. Milton Anderson, Secretary and Treasurer. Advisory Board members are George W. Carter, Ed Verne Hardy, Howard Barker, Joseph S. Miller, Heber E. Peterson, William J. Goodwin, Jean R. Driggs, and J. Adrian Wheelwright.

The 25th anniversary of the installation of

Lambda chapter will be celebrated at the next banquet of the I.A.A. of Theta Tau. Complete arrangement for the banquet have not been made. It will be held, however, in the Union Building of the University of Utah about the end of April.

Yours in H. & T.,

C. MILTON ANDERSON

Intermountain Alumni Assn.

P. O. Box 403

Salt Lake City, Utah

Alumni Notes

ALPHA

CURTIS, LINDSLEY BYRON, '09, finds his niche in life to be in the engineering department, N. P. Railway, Room 1201, N. P. Railway Building. Home is at 1422 Goodrich Avenue, St. Paul, Minnesota.

KINGSLEY, NEIL S., '11, is a Major with the army engineers, and has recently been assigned to St. Paul as labor relations officer. He is assisting the district engineer in all matters pertaining to manpower, priorities, and supply. He formerly was at Camp Ellis, Illinois, the army service forces training center.

ENKE, FRED A., '21, remains as assistant director of physical education at the University of Arizona. His home is at 2427 East 3rd Street, Tucson, Arizona.

LARPEUR, B. J., '25, has moved from 424 W. Franklin Street, Wheaton, Illinois, to Cornwall, Pennsylvania. Apparently the street address just isn't important in Cornwall.

BAILEY, STUART L., '27, was recently awarded the honorary grade of fellow of the Institute of Radio Engineers, for pioneering accomplishments in the application of radio engineering principles to the solution of technical problems in broadcasting. Brother Bailey has been a member of the institute since 1928, has served on several technical committees and is at present a member of the board of directors. He is a junior partner of the firm, Bailey and Jansky, Radio Engineers, of Washington, D. C.

JOHNSON, LAURENCE V., '27, is still in France with the 2nd M.R.S. putting the railroads together and trying to keep them that way. He was promoted to a Lieutenant-Colonel in November. He has followed up the operations in Europe since shortly after D-Day.

DAVIES, NATHAN C., '29, is a consulting petroleum geologist living at 1102 Oakland Avenue, Mt. Vernon, Illinois.

THOMPSON, WILLIAM F., '30, is a Lieutenant-Colonel in the U. S. Army and with the Signal Corps in the South Pacific. Home, wife, and children are all in Minneapolis.

AGATHER, MARTIN A., '31, is now in Germany with the army, and is a first lieutenant in the Signal Corps. Address—Hdg. Adv. Sec., Com. Z, G-5 sec., A.P.O. 113, New York.

BILTZ, FRANCIS J., '31, is now in France in communications work with the army. His long-awaited letters are addressed Captain F. J. Biltz, 0-281461, A.P.O. No. 757, c/o

Postmaster, New York City, N. Y. His wife and family are living in New Jersey.

SOULES, WEBSTER E., '31, is now abroad and is a Lieutenant-Colonel with the U. S. Army Signal Corps.

SCHMITT, LOUIS P., '33, is now with the army engineers as a Lieutenant. His address is Box E, Oak Ridge, Tennessee.

DYNEMUS, ROY S., '34, is with TVA as a responsible supervisor. Was written up some time ago in a nationally circulated magazine.

JOHNSON, KENNETH R., '34, after about a year in training left the States on February 2nd, this year. He spent two weeks in England, during which he visited London. He has been in France since February 21st with the headquarters company of the 1157th Army Engineers, and as we write this we are very certain he is working at full capacity on the Rhine. He is now a sergeant.

LECOUNT, FINLEY E., '34, lives in the city of the Golden Gate—53 Palm Avenue, San Francisco 18, California.

WEHMANEN, OSCAR, '35, gets his mail at 6324 Darwood, Fort Worth 7, Texas. Brother Wehmanen is a Wing Group Engineer with the Consolidated Vultee Aircraft Corporation, Fort Worth. He also added—and we can almost see his beam—that he has a son five years old and a daughter one year old.

SWENSON, JOHN P., '37, is a captain in a medical unit in engineering duties. He sent a Christmas card to the chapter by V-Mail. Address: Captain, 0-519136, A.P.O. No. 244, c/o Postmaster, San Francisco, Calif.

RONBECK, ARTHUR C., '38, returned to the states on leave February 11th after a couple of years in the Pacific. He was with Fleet Air Wing One working on aircraft engineering and maintenance. He was last in Hawaii for three months. He spent some 13 months in the Solomons, moving to practically every island, two months on Saipan and the Mariannas. He ranks a full lieutenant now and hopes for a boost to Lieutenant Commander soon. He has been married two and one-half years (on paper only, he says). He returned March 14th to duty with VR-8, and air transport squadron.

COULSTON, RICHARD M., '40, is still in San Diego with the army air force as liaison officer at Consolidated. Address: Captain, A.A.F., 722 Verona Court, San Diego 8, California.

CUMMINGS, PAUL, '40, surprised everyone back

- at Alpha by coming through with a short letter to Brother Fred Teske at Christmas time. He is a Lieutenant in the submarine service, and has been getting around. Address him in care of the F.P.O., San Francisco. Says he wants to get back to Minneapolis and work when his stint is finished.
- LISCHEID, WALTER E., '40, stopped to visit in Minneapolis early in March on his way to San Francisco. He will go back to the Pacific as a fighter pilot, assigned to a flat top. He is a major in the regular marines, and says it will be much better to fight the Japs from the air than it was to fight the mosquitos from the ground as he did on his previous tour of duty from 1941 to the spring of 1943. He said his wife and daughter are both well. He, himself, was looking very fit, according to reports from Alpha chapter.
- LUNN, ROBERT J., '40, has spent most of his time since induction into the army last year instructing rookies in basic training in ordnance at Jackson, Mississippi. He left early in March, after visiting friends and relatives in Minneapolis and Nashwauk, Minnesota, for Camp Beale, California, from which he expected to be shipped for foreign duty. Address: Pvt. 37594607, ASFPRD, Camp Beale, California.
- PETERSON, VERNON R., '40, is a Lieutenant (jg) in Uncle Sam's navy. In September, Christine Ellen Peterson announced herself and has decided to stay with them till she goes to college in about 18 years. The three Petersons are living at 8224 McCloy Road, Oakdale Farms, Norfolk 5, Virginia.
- DUNCANSON, DONALD N., '41, is still in Hawaii, at Kaneohe Bay Naval Air Station on aircraft maintenance and assembly. He left the states last October with the rank of Ensign. His wife announces a brand new baby girl born January 4, 1945, and named Margaret Ann. Margaret Ann helps her brother keep mother from being too lonesome.
- TYLER, EDWIN R., '42, is an engineer with Pickands Mather and Company on the recently developed Embarrass Mine at Biwabik, Minnesota. His letters come out of Box 46, Biwabik, Minnesota.
- ANDERSON, ROBERT R., '43, speaking figuratively, blew the trumpets and heralded the birth of a son on November 10, 1944. Brother Anderson completed indoctrination as an ensign in the Navy in October and was assigned as assistant gunnery officer on a PT tender, operating in the Pacific. He is addressed in care of the Fleet P. O., San Francisco, California.
- BOYUM, WILLIAM B., '43, is now completing another stage in radio technician's training. Address: S 1/c, Radio Matl., Navy Pier, Chicago, Illinois.
- DELEO, RICHARD V., Ex '43, after considerable time in training in A.S.T.P. and as an R.O.T.C. in college, was pushed into the infantry and was last heard of in France. His address is Pfc. 17093781, A.P.O. No. 84, c/o Postmaster, New York City.
- HOERSCHGEN, EBERHARD, '43, returned to this country recently after winding up Pacific duty in New Caledonia. He learned on arrival of his father being seriously ill. He is to be transferred to Jacksonville, Florida, for further duty with the navy.
- MALKOW, E. CARL, '43, completed all indoctrination training and is now at sea. His address is Ensign, U.S.N.R., 401,282 c/o F.P.O., New York, New York.
- THORSTON, HARLEY M., '43, recently transferred to Columbia, Missouri, to B-21 school to complete last stage of his training. He hopes to be commissioned late in May or by June 1. Until his transfer he was at Douglas, Georgia, with the 2157th A.A.F.
- UNDERWOOD, WARREN H., '43, recently completed advanced indoctrination at Hollywood, Florida. He is now going through training in California. His address is Ensign, A.T.B., Coronado, San Diego, SS California. He probably will go to sea on completion of present training.
- BERGER, GERALD A., '44, was last heard from as he was completing midshipmen's school at Cornell University. By now, he is probably an Ensign.
- BERGSMAN, WINSTON E., Ex '44, made himself known to us again about Christmas time just as he was completing radio technician's training in the navy. His address is RT 3/c, R.M.S. Co. 47, Bks. 21, Treasure Island, California.
- HOKENSON, LYNN N., '44, by the time this publication goes to press, will have completed training for an ensign's commission in the Sea Bees at Davisville, R. I.
- HURD, DONALD L., '44, completed midshipman's school at Davisville, R. I., and was commissioned an ensign. He was slated for assignment to a ponton unit.
- MICH, RICHARD, Ex '44, was heard from recently. He is an armament officer in the army air force, operating in New Guinea, and had been in the Dutch East Indies. He would welcome some news from the Alpha buddies he knew. Address: Lt. R. H. Mich, 0-868146, c/o Postmaster, San Francisco, California.
- MOXNESS, JOHN BRAND, '44, was recently commissioned an ensign in the seabees at midshipmen's school at Davisville, R. I.
- OLSON, MILES B., '44, is now at some base at San Diego as Lt. (jg) Marlowe Nelson. He returned home on leave recently. His address is S 1/c, 7th Div., Shop 034, Engineering, Naval Air Station, San Diego, California.

RUPERT, EDWARD J., '44, is with Allis Chalmers Company as metallurgist. His domestic establishment is at 1133 S. 64th Street, West Allis 14, Wisconsin.

SCHWAB, JEROME J., '44, is still on civilian assignment from Allis Chalmers Company to the government. He rests from the rigors of life in our nation's capital at 500 Quackenbos Street, N. W., Washington, D. C.

ST. VINCENT, JOHN H., '44, is now going

through another stage in radio technician's training at Navy Pier, Chicago.

SWANSON, ALF. T., '44, is with St. Vincent, Cal Wick, Donald Regelin, and Bill Boyum in Chicago at Navy Pier, in radio technician's training.

EGGERS, GORDON H., Ex '45, wrote to the chapter recently and described his activities in the Pacific, where he is with an engineering survey outfit and is well pleased. His address is Pfc. 37184721, c/o Postmaster, San Francisco, California.

BETA

MEUCHE, ALFRED HERMANN, '05, is engineer with the U. S. Engineers, War Department, Washington, D. C. He fortunately has a place to live in the military and political maelstrom—3932 W. Street, N. W., Washington, D. C.

KUMKE, CHARLES AUGUST, '07, we have learned, is with the U. S. Bureau of Mines in Tucson and resides at 2109 East Speedway, Tucson.

EARLING, ROY B., '08, Vice-President of the United States Smelting, Refining, and Mining Company, left Alaska last December with Mrs. Earling to be present at the marriage of his daughter, Miss Mary Lou Earling, to Lt. James Ellis in Seattle. They spent the winter in Boston at the home office, returning to Fairbanks on resumption of operations this spring.

HOOD, KEDZIE K., '15, is in charge of the Mt. Hope Mine operated by the Callahan Zinc-Lead Mining Company and located at Eureka, Nevada.

BRETTON, ERNEST J., '20, mining engineer for the U. S. Bureau of Mines in Washington,

has returned from French North Africa where he was making a study of mining conditions.

BAILEY, CARLTON DEWEY, '22, is superintendent for Pickands-Mather and Company, Caspian, Michigan. His home address is purely and simply Caspian, Michigan.

DEWALD, W. E., '27, superintends the Ozark Ore Company, a subsidiary of the M. A. Hanna Company of Cleveland, at Iron Mountain, Michigan.

FERGUSON, ROBERT, '35, flashed in a recent communique to this office—"Most important, next week, January 27, I shall become married to Miss Muriel Vincent of Massena, New York." By way of explanation, he had explained that he was now special assistant to the Works Manager, Aluminum Company of America, at the Maspeth Annex of the New York Navy Yard, but seemed to feel that his marriage was "most important." We are much in sympathy with his feelings.

GAMMA

WASLEY, WILLIAM A., '09, is mill superintendent of the new 12,000 ton per day copper concentrator of the Cananea Consolidated Copper Company at Cananea, Sonora, Mexico.

HERRIES, OTTO, '11, Vice-President of the Combined Metals Reduction Company has a new domicile at 173-1st Avenue, No. 65, Salt Lake City 3, Utah.

CALLAHAN, THOMAS W., '14, has a new mail box—it's at 2103 San Pedro, San Antonio, Texas.

SCHNEIDER, HENRY G., '18, oil producer, has a new residential address at 5932 Marquita Avenue, Dallas 6, Texas.

CONLEY, WILLIAM A., '19, of Tucson, Arizona, has gone to South America on consulting work. His address is c/o Fabrica

de Cemento Samper, Apartado Postal 368, Bogota, Colombia.

SCHADE, ROGER M., '12, and his wife and family were released from Los Banos prison camp in the Philippines and are now back in Denver with their children. The oldest boy is 20 and they were lucky, indeed, that the Japs did not send him to Japan as they have done with most of the men of military age.

HYLAND, NORBERT WILLIAM, '22, is Assistant Director of Public Works, Kansas City, Missouri, and lives at 300 West Armour Boulevard, Kansas City 2, Missouri.

PARKINSON, LUTE J., '22, has gone to the land of Carmen Miranda—South America—and more specifically to Chile to become the general superintendent of the Braden Copper

- Company, Casilla 322, Sewell, Rancagua, Chile.
- CRAWFORD, RONALD F., '23, is again with Ingersoll-Rand Company, and is being addressed in care of that company, 1700 3rd Avenue, South, Birmingham, Alabama.
- DELAHUNTY, FRANK E., '25, is reported by the Associated Press to be among the civilian prisoners that were in Bilibid prison when freed by American troops. At the time of the capture he was mill superintendent of the Baguio Gold Mining Company at Baguio north of Manila.
- NYLUND, E. J., '25, has recovered, we are pleased to report, from a long siege of illness, and is living at 362 South Clarkson, Denver 9, Colorado.
- MCCORMACK, MAXWELL L., '26, manager of the Rock Drill Division, Ingersoll Rand Company, has a new residence at 9 Crampton Road, Cranford, N. J.
- MCGHEE, JOHN S., '26, who has been superintendent of the Island Creek No. 22 mine at Holden, West Virginia, is now general superintendent of the Island Creek Fuel and Transportation Company, with headquarters in Huntington, West Virginia.
- CLINE, WILLIAM W., '29, who is a partner of the San Joaquin Drilling Company, has his business telephone at 417 South Hill Street, Los Angeles, 13, California.
- GIBSON, ROBERT L., '30, Lieutenant, U. S. Engineer Corps, was returned home last fall on a hospital ship after serving 18 months in Africa and Italy. He was sent to the Harmon General Hospital in Longview, Texas.
- MARSHALL, JOHN G., '31, engineer for Socony-Vacuum Oil Company is now at Augusta, Kansas.
- AUSTIN, ARTHUR B., '32, representative of the Hercules Powder Company, turns his homeward steps toward a new address—531 North Sergeant Street, Joplin, Missouri.
- MCLAREN, ROBERT LEE, '32, is now general manager of the Texas Seismograph Company, Hamilton Building, Wichita Falls, Texas. Home is at 1810 Huff Street, Wichita Falls.
- SHARP, PAUL GRAYSON, '33, is in the department for persuading people to buy from the Mines Equipment Company in St. Louis. He gets ideas and inspirations after relaxation in his home in Normal, Illinois. Letters for him he finds in Box 269, Normal.
- TURCHAN, THOMAS P., '35, has gone to England where he is to be consultant for Magnesium Elektron Ltd., Clifton Junction, Manchester. He has been metal plant superintendent for Basic Magnesium Inc., Las Vegas, Nevada, which closed down some months ago.
- GILKISON, MARK T., '36, has been awarded the Bronze Star for distinguished work in the Chinese section. Of twenty-five months overseas, all but four were spent in China. Lt. Colonel Gilkison is now assigned to an army air force depot at Long Beach.
- SHARPE, CHAUNCEY L., '36, is earning his daily bread by toiling for the U. S. Gypsum Company, 300 West Adams Street, Chicago, Illinois.
- MEYER, A. EUGENE, '37, mill superintendent for the C. M. A. O. B. (you rack your brain and figure it out) in Chocaya, Bolivia, S. A., announces a double feature—the birth of twin sons, John and Gene, on July 8, 1944.
- MULLINAX, JACK D., '37, a Major in the U. S. Army, says, "Address my letters to APO No. 713, c/o Postmaster, San Francisco, California." He will come home to Route No. 3, Chesnee, S. C.
- SAWITZKE, HOWARD A., '37, Major, U. S. Army, has been director of the 2nd Army Mine School at Camp Rucker, Alabama.
- HUNDHAUSEN, ROBERT J., '38, engineer for the U. S. Bureau of Mines, is leader for the majority opinion in his home—he has three sons—and the family live at 2827 S.E. Pine Portland 15, Oregon.
- MCCUTCHAN, R. C., '38, has been transferred by the Phillips Petroleum Company to the district office of the Gasoline Department, and his new address is P. O. Box 1332, Breckenridge, Texas.
- TARR, CHARLES M., '38, Major USA, is at an air force bomber station in England.
- DELONG, CHARLES WALTER, '39, a Sergeant in the U. S. Army was wounded in France, August 18th, 1944. He is now in the Fitzsimons Hospital, Denver, Colorado. Brother DeLong was awarded the Purple Heart.
- PEDERSON, E. R., '39, Ensign, USNR, became the typically beaming father of a baby girl, Catherine Ann, on September 6, 1944. He is now stationed at Fort Pierce, Florida, and the home address is Box 154, Rte. 1, Ft. Pierce.
- YOUNG, HERBERT L., '39, assistant engineer for J. E. Greiner Company, asks that mail be sent to him at 35 Rockville Avenue, Rockville Center, New York, N. Y.
- CHAMBERS, J. RUSSELL, '40, is engineering draftsman for the Lockheed Aircraft Corporation, and lives at 6129 Beeman Avenue, North Hollywood, California.
- WARREN, ADELBERT WHAITE, '40, is a captain in the Engineer Corps—address APO No. 966, c/o Postmaster, San Francisco, California. His other address—523 N.E. Hazelfern Place, Portland 13, Oregon.
- GIESKIENG, DAVID H., '41, Ensign, USNR, opens those long-awaited letters addressed SOM 121, c/o Fleet Post Office, New York City.
- MCPHEE, ROBERT D., '42, Lieutenant (jg), USNR, harkened to "Oh, Promise Me" on

August 4, 1944, when he said his "I do's" with Miss Ursula Benedict in Denver. The couple are making their home in New London, Connecticut, where he is at the Submarine school.

HOPPER, ROBERT, '43, Lieutenant, U. S. Air Corps, was captured—don't get excited!—on July 17, 1944, by Miss Ruth Elaine Melick. The captured party, Brother Hopper, seems not resigned, but enthusiastic about the whole thing, and is living very happily with his captor at 751 Humboldt Street, Denver, Colorado.

RUGG, EDWIN STANTON, '43, Lieutenant, US

NR, can be reached through the Fleet Postoffice, New York City.

TRIMBLE, RALPH CHARLES, JR., '43, is now assistant metallurgical superintendent of the metallurgical laboratory at the American Brake Shoe Company, Suffern, New York.

BROWN, CHARLES W., '44, Lieutenant, U. S. Army, is stationed at Camp Claiborne, La. DeLAPP, JAMES A., '44, Ensign, USNR, announces the birth of an heir—a son—David James, on October 1, 1944. He has a new address at Hotel Beacon, 720 Ocean Drive, Miami Beach, Florida.

McQUINN, W. JONES, '45, lives in Golden, Colorado. His address is P. O. Box 388.

DELTA

LAISY, RUDYARD ERNEST, '21, earning the staff of life by dint of his efforts for Lamson & Sessions Company, 1971 West 85th Street, Cleveland, Ohio, lives at 246 Arundel Road, Rocky River, Ohio.

CAMPBELL, HENRY W., '22, plant engineer of the Interlake Iron Company of Toledo, Ohio, was responsible as vice-chairman for the Operating Practice Division of the Association of Iron and Steel Engineers annual conference held in Pittsburgh in 1944.

FISH, RUSSELL CHARLES, '22, is General Superintendent for the M. A. Hanna Company, East 2nd Avenue, Hibbing, Minnesota. The home fires burn at 2121 East 3rd Avenue, Hibbing, Minnesota.

HILL, JOHN WHITNEY, '24, another Theta Tau metallurgist does his "metallurgizing" for the Elyria Works, Standard Radiator and Sanitary Company, Elyria, Ohio. When he is at home, one finds him at 323 Elm Street, Oberlin, Ohio.

MONAGHAN, MARC, '24, has the prerequisite for vocal duets—twins born September 29, 1944.

JUNGE, CHARLES H., '27, has left Chicago where he was with the Armour Research Foundation to become metallurgist for the Cleveland Graphite Bronze Company in Cleveland, Ohio.

BARTH, JOHN, '32, says for the third time, "I have a son!"

TABORS, ROBERT G., '35, whom you might have known as Robert August Taborsky, is sales engineer for the Baldwin Southwark, Division 637 Railway Exchange, Chicago, Illinois.

TINDAL, CHARLES H., '36, puffed out his chest on May 13, 1944, when he announced the birth of Frank Martin Tindal.

BOEHM, ROBERT C., '37, is metallurgist for the Ohio Crankshaft Company, 3800 Harvard, Cleveland, Ohio. The day's end finds him at 17404 Glendale Avenue, Cleveland, Ohio.

HORSBURGH, CHARLES R., '38, changed Miss Martha Lucombe's name to Mrs. Horsburgh July 1, 1944. Mrs. Horsburgh's home was in Huron, Ohio.

CHAPMAN, GEORGE PHYPPERS, '40, Assistant Foreman at the Training School, Cleveland Graphite Bronze Company, lives at 806 Caledonia Avenue, Cleveland Heights, Ohio.

DEEMS, NYAL W., '41, is a Lieutenant in the Navy and wants his letters addressed to him, NAS, Navy 311, c/o FPO, San Francisco.

STROUGH, ROBERT ERWIN, '42, is project engineer for the Airborne Instruments Laboratory, Mineola, New York.

THOMAS, JOHN RICHARD, '42, a 1st Lieutenant in the U. S. Army is interested in health, for he is with the U. S. Public Health Service, 21 Exchange Place, Atlanta, Georgia. His home address is 741 Bulen Avenue, Columbus, Ohio.

ROTH, ROBERT A., '43, is a Lieutenant and an engineering officer in the air corps. He is fulfilling his duties at the present at this address: Sqdn. A., 431st AAFBU, Moses Lake AAF, Washington.

SCHUNEMANN, CARL F., '43, is a Lieutenant in the U. S. Army and has been in Iceland over a year.

HIGGS, WILLIAM T., '44, Ensign U.S.N.R., is at sea, and gives his address, c/o Fleet Post Office, New York City.

LIMBESON, JOHN, '44, T/5, U. S. Army, is technician on a troop ship and has been in New Guinea recently. He gives his address as APO No. 928, c/o Postmaster, San Francisco.

SCHURR, C. ALLAN, '44, announced his marriage to Miss Audrey Breda on September 9, 1944.

NEVILLE, F. W., '45, is another flyin' Lieutenant, and gives his address as 132nd AA FBU (Frt), Suffolk Army Air Field, Westhampton Beach, New York.

EPSILON

- DAVIS, ELMER F., '10, is a big-wig in the Shell Oil Company. We are proud to announce that formerly vice-president of Shell Oil Company in Los Angeles, he has been appointed to a new position as vice-president and chief geologist in charge of all Shell general geological work.
- McLAUGHLIN, DONALD H., '14, has been elected President of the Homestake Mining Company, the largest gold mining operation in the country. The works of the Homestake Company are at Lead, South Dakota. He is also Vice-President and General Manager of the Cerro de Pasco Copper Corporation down south of the border.
- HAZZARD, ANDREW McDONALD, '16, who has probably been the butt of too much humor as a result of his rather intriguing name and so we won't mention it, is an engineer with the Shell Oil Company, 1008 West 6th Street, Los Angeles, California. Brother Hazzard lives at 1118 Stoneman Avenue, Alhambra, California.
- BAILEY, THOMAS LAVAL, '17, has left Houston and is now with the Shell Oil Company, 1008 West 6th Street, Los Angeles, Calif.
- BENNETT, JESSE LEE, '20, is aiding the war effort as Assistant Technical Adviser, WPB Mining Division, Non-Metallic Section, Washington, D. C.
- HULIN, CARLTON D., '20, professor of mining geology at the University of California has been a-voyaging! He's been on a special trip to India and China for the Foreign Economic Administration.
- PETERSON, MARCUS CARL, '20, is manager of sales for the Bethlehem Steel Company of San Francisco. The home-sweet-home is 38 Buena Vista Place, Oakland.
- CUNNINGHAM, GEORGE M., '21, has, we beamingly announce, been promoted from Chief Geologist to Manager of Exploration of the Standard Oil Company of California. His headquarters are in San Francisco.
- PERRY, VINCENT D., '22, has been appointed Assistant Chief Geologist in charge of outside examinations in the Western United States, Mexico, and Canada, for Anaconda Copper Mining Company. His headquarters will remain in Salt Lake City where he has been Chief Geologist for International Smelting Company.
- WATERFALL, LOUIS N., '23, another Epsilon Geologist, has been made chief geologist of the Union Oil Company of California with headquarters in Los Angeles.
- DONALDSON, WILFRED G., '24, has returned to his home in Berkeley, California, after an extended trip into the Marañon River area of Peru, S. A., where he was engaged in mine examinations.
- GOW, KENNETH LEONARD, '26, does his daily work for the Superior Oil Company, 506 First National Bank Building, Denver, Colorado. His own mail box is at 3037 Birch Street, Denver.
- WINTERBURN, READ, '27, is Chief Petroleum Engineer for the Union Pacific Railway Company, 422 West 6th Street, Los Angeles, California. He hangs his hat at 424 Oaklawn Avenue, South Pasadena, California.
- MERRIAM, CHARLES, '28, on leave of absence from Cornell to be with the USGS is making an examination of the Pioche District in Nevada.
- HUFFMAN, JAMES O'NEIL, '29, is metallurgist for the Cheney Rivet Company, 231 Winston Street, Los Angeles. His doorbell is at 2836 West 9th Street, Los Angeles 6, California.
- SEAGER, GEORGE F., '30, formerly assistant professor of Geology at the Montana School of Mines has forsaken the cloistered halls for the world of commerce and is now with the Union Mines Development Company, 50 East 42nd Street, New York City.
- DAWSON, BEST OAKLEY, '32, is an engineer for the Parkhill-Wade Company, Construction Engineers, 1625 South Alameda, Los Angeles, California. Brother Dawson lives among the stars of the cinema world—8613 Clifton Way, Beverly Hills, California.
- HASSAN, EDWARD, '34, announces the birth of Jane Culver on Christmas Eve, 1944. Jane is Brother Hassan's second daughter.
- HAYS, JACK P., '34, took a position January 15th on the Petroleum Engineering Staff of the Magnolia Petroleum Company. His telephone, door bell, and mail box are all at Lenox Lane, Dallas 9, Texas.
- THOMSEN, HARRY L., '35, sends an address to us like this—Room 307, O & S Building, Casper, Wyoming.
- HAM, THOMAS FENTON, '36, petroleum engineer for the Superior Oil Company, makes his headquarters in Fresno, California, and more precisely, at 829 Clinton Avenue.
- FLOYD, JOSEPH WILLIAM, '37, apparently seems to be dealing with legal interpretation instead of slide rules and formulas. Brother Floyd is Justice of the Peace and Police Judge at Dinuba, California. His bench is at 153 W. Tulare Street—his armchair at 205 Arkona Street, Dinuba.
- WILSON, IVAN F., '38, says, "The Fall, 1944, issue of THE GEAR just reached me after chasing me to Mexico and back. My best permanent address now for THE GEAR is U. S. Department of the Interior, Geological Survey, Washington 25, D. C. For the past year I have been examining manganese deposits in Mexico; am now in Washington during an interim but expect to return to Mexico soon."
- STOCKTON, VARD, '39, Lieutenant Commander,

USNR, is in the Submarine Service and has been awarded the Silver Star for action in the Pacific.

WALDTHAUSEN, HEINZ LORENZ, JR., is with the Iron and Steel Division of Kaiser and Company, Oakland, California. Home is at 1442 Brookside Drive, San Leandro, Calif.

CAPLAN, MAXWELL G., '40, Lieutenant (jg) was married to Miss Virginia Waters on January 5, 1945, at the chapel of the Naval Air Station, Anacostia, D. C. Brother Caplan and his bride are residing at 1503 Irving Street, NW., Washington, D. C. The echoes of these wedding bells reached us through Brother Ivan Wilson and we thank him sincerely.

ABRAHAMSON, GUY, '43, Lieutenant, U. S. Army, is a weather forecaster at Hammer Field, California.

McGRATH, PATRICK BERNARD, '43, a petroleum geologist for the Richmond Petroleum Company of Colombia, Apartado No. 2760,

Bogota, Colombia. He receives his GEAR at 1602 Morada Place, Altadena, California.

McNEIL, D. J., '43, is an Ensign in Uncle Sam's navy. At this point he is not tossing about on the stormy blue, but is stationed in North Carolina. To be exact—P. O. Box 5534, State College Station, Raleigh, N. C.

GIBSON, CHESTER MILTON, '44, has been hard to keep track of the last few years. Originally with the calls of '40, he was taken into the army before graduation as a reserve officer. Later injured and discharged, he returned to school and graduated, and now is junior engineer with the Phelps Dodge Corporation, Engineering Department, Morenc, Arizona.

REED, JOHN JOSEPH, '44, is a Shift Boss for the Braden Copper Company, Rancagua, Chile, South America. Write letters to him at 179 Ardmore, Los Angeles, California.

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ANGEVINE, L. C., '14, is now with the Kelly-Well Company of Grand Island, Nebraska.

RANKIN, DONALD, '15, is district engineer for the Santa Fe Railway at Las Vegas, New Mexico.

ALT, GLENN, '16, president of the Ann Arbor, Michigan, city council during the past four years and an alderman seven years before that, is associate professor of Civil Engineering at the University of Michigan. Previous to World War I he was with the American Bridge Company.

BURTON, WILLARD A., '16, construction engineer, has moved from Houston to Dyersburg, Tennessee, where mail will reach him at Box 551.

JAMES, DARL S., '16, is a grandfather now. His address is 161 E. North Broadway, Columbus, Ohio.

MINER, ERLE S., '21, of the American Telegraph and Telephone Company, 195 Broadway, New York City, was elected a member of the executive board of the National Safety Council. During 1944, he served as chairman of the public utilities section of the Safety Council.

PENTICUFF, JAMES ARTHUR, '22, is with the Journal-Post, 22 & Oak Street, Kansas City. Misouri—it would appear that Brother Penticuff has deserted the world of engineering for the world of journalism. His home is at 9 East Dartmouth Road, Kansas City.

BROTHERSON, LEWIS, '24, business manager for the Kansas City, Kansas, board of education will serve in 1945 as president of the Kiwanis club in Kansas City, Kansas.

JIMERSON, HAROLD A., '26, Captain U. S. Army, who was captured on Bataan, is reported to be in a prison camp in Japan now. For some time he was confined in the prison camp at Davao on the island of Mindanao of the Philippine group, but later he and the other prisoners were sent to Japan to prevent their being liberated by U. S. troops.

KREHBIEL, KENNETH R., '26, bought the McPherson Daily Republican late in November from his father. Kenneth entered the Liberal Arts College at Kansas, then switched to engineering and after receiving his engineering degree went to Harvard and graduated from the School of Business there. After some years with various engineering experiences he returned to his home to become manager of the Daily Republican.

POPPINO, CARL A., '26, sends his greetings to the Theta Tau brothers and informs us that he is to be in Bakersfield, California, indefinitely as resident agent for General Electric. More specifically, P. O. Box 978, Bakersfield.

CASH, GEORGE H., '28, Lieutenant, U. S. Army, has been in the Pacific more than two years with a construction battalion. His wife is living at home at 1912 Place, Charlotte, West Virginia.

HAZARD, STUART G., '28, Captain U. S. Army, is in the Post Engineer Office, Camp Mackall, Hoffman, N. C.

HOOD, MANLEY J., '29, helped to design the B-29. He is a civil service employee serving as section head over a staff of 55 at Moffett Field, near San Francisco.

- BYRAN, ROSS, '33, Lieutenant, USNR, is in the Pacific with the Seabees.
- KITE, MAURICE B., '33, Lieutenant (jg), is a member of the celebrated Seabees—addressed 31 NCB, FPO, San Francisco, California.
- BANKS, ARTHUR GRANT, '34, has his GEAR sent to 6209 W. 54th Street, Merriam, Kansas.
- KINDSVATER, CARL E., '35, with the U. S. Engineers in Little Rock, Arkansas, dropped us a card to tell us he had moved—his address is now Route No. 6, 12th Street Pike, Little Rock.
- RUSSELL, GEORGE WEBSTER, JR., '39, holds the title of Erecting Engineer, for the York Corporation, York, Pennsylvania. He drops the title at the door of 4025 Albemarle Avenue, Drexel Hill, Pennsylvania—that's home!
- BARNETT, ALVIN H., '40, Lieutenant, U. S. Air Force, pilot; a B-17 out of Italy and has received the Air Medal. His home is in Olathe, Kansas.
- BROCK, FRANK C., '40, is employed by Wright Aeronautics at Patterson, New Jersey.
- HAMMOND, CLARENCE, '40, Captain U. S. Army, is in the south Pacific. His better half is teaching music in the elementary schools in Flagstaff, Arizona.
- HARRIES, MYRON, '40, announces that the stork came to his house bearing David John on August 22, 1944. He dropped David down the chimney at 13814 Bellaire Blvd., Cleveland 11, Ohio.
- ARBUCKLE, THOMAS E., '41, Lieutenant, USNR, was married on November 4, 1944, to Miss Jean Ann Miller from the old home town, Hutchinson, Kansas. He had served for 18 months on a battleship in the Pacific. After a short honeymoon they went to Seattle where he expected a new assignment.
- PAULETTE, ROBERT G., '41, a ground engineering officer and a Captain, serves a P-40 fighter outfit, the first fighter squadron to be based in France after the invasion. In the long ago pre-war days he was employed by Paulette and Wilson in Topeka. Mrs. Paulette works in the Boeing Aircraft plant in Wichita.
- SCHROETER, LEONARD, '41, Captain, U. S. Army has a new address:—Headquarters 769th F. S., Camp Barkeley, Texas. Captain Schroeter announces the birth of his son John on March 23, 1944.

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- BAIRD, LYMAN S., '14, ex Alpha, is a Captain in the army.
- SUTHERLAND, DAVID, '14, Lieutenant Colonel U. S. Army, is an executive officer in an operational engineering section of the Eighth Air Force in England. He was an infantry captain in World War I and before entering into the service again was in business for himself in Minneapolis.
- LITTLE, THOMAS W., '16, is with Bemis Brothers Bag Company of the "windy city."
- MEDDING, WALTER L., '17, has been a busy Colonel in the U. S. Army as chief engineer for the Rome, Italy, command.
- SWAIN, WINTHROP, '17, has left the Foreign Economic Administration in Washington to become associated with Keystone Custodian Funds Inc. in the city of Boston.
- LEONARD, JULIAN, '18, has been promoted from Captain to Major, U. S. Army.
- DAVIDSON, KENNETH S. M., '19, received an honorary degree of Doctor of Science from Stevens Institute of Technology in 1944.
- FRENCH, GEORGE F., '19, Major, U. S. Army, is at one of the invasion ports in Europe involved in the most vital job of marine maintenance and repair.
- WAY, DONALD D., '19, announced an addition to the United States' 130,000,000 last summer in the form of a lovely baby daughter, born July 26, 1944.
- AKERS, KENNETH, '20, has moved his abode to 61 Fair Oaks Park, Needham, Mass.
- BAINBRIDGE, WILLIAM W., '22, a Captain in the U. S. Army was wounded and received the Silver Star for gallantry in action off the coast of France, we proudly announce.
- BROKAW, CHARLES E., '22, Lieutenant Colonel in our United States Army, is in the Philippine Islands.
- BEATTIE, MALCOLM P., '23, has Uncle Sam for his boss—he is a Major in the U. S. Army.
- STANTON, AVERY, '25, has found his niche in the world as technical engineering consultant for the Magnus Chemical Company Incorporated of Garwood, N. J.
- EVERETT, CARLETON, '26, formerly in New York, has been appointed director of refining in the Atlantic coastal states by the Petroleum Administration in Washington.
- FAITHFULL, GEORGE, '26, announced that he has removed his office as patent attorney to 20 Pine Street, New York City.
- GREATWOOD, HENRY ROYCE, '26, for many years in the oil business in China, is now a Navy Lieutenant on Lord Mountbatten's staff in Delhi, India.
- SCHREINER, FRANK WILLIAM, '26, is Sales Engineer for the Pratt & Whitney Company, 1427 E. 12th Street, Cleveland, Ohio. His

home address is 1007 Penfield Road, Cleveland Heights, Ohio.

FLAGG, JAMES D., '27, is now Captain Flagg of the Marine Corps.

KURT, FRANKLIN T., '27, is employed by the Grumman Aircraft at Farmingdale, L. I.

GROVER, ELLIOT B., '28, left Manville-Jenckes last year and is now busy being professorial at North Carolina State College, Raleigh, N. C.

HARTSHORNE, EDWARD, '28, is chief metallurgist for the Western Cartridge Company of East Alton, Illinois. The evening newspaper is delivered to his home in Godfrey, Illinois.

JOHNSON, PAUL ANDERSON, '28, is Vice-President of W. A. Ramay, Ltd., Fort 7 Queen Street, Honolulu, T. H. His address on the enchanted isle is 2535 Makiki Heights Drive, Honolulu, T. H.

STRICKER, ADAM K., JR., '29, industrial engineer with the Signal Corps, received the Exceptional Civilian Service Award, highest civilian commendation of the War Department, from Major General H. C. Ingles, chief signal officer, at a ceremony in the Pentagon Building, Washington, D. C., on December 11, 1944. Stricker, on war leave from the office of the chairman of the General Motors Corporation, received a citation signed by the Secretary of War, reading: "In recognition of his outstanding planning and organizational ability in the development of systems which greatly facilitated the procurement, storage, packaging, and issue of Signal Corps equipment. By his perseverance and untiring efforts he contributed immeasurably to the nation's war effort."

THETA

DIXON, MAX M., '17, mining engineer for the Foreign Economic Administration, hangs his hat and parks his brief case at the Continental Apartments, Humboldt 49, Mexico City, D. F., Mexico.

MACCARTHY, CHARLES FRANK, '18, is president of McCarthy Motors Company, Iola, Kansas. His castle and his hearth are at 523½ South National, Fort Scott, Kansas.

BRINCKERHOFF, CHARLES M., '25, for some years associated with Andes Copper Mining Company at Potrerillos, Chile, has been made assistant to the general manager of the company.

OSTERBERG, JOHN OSCAR, '36, is not only a

Scandinavian, as we might deduce, but an instructor at the School of Engineering, Technology Institute, Northwestern University, Evanston, Illinois. Brother Osterberg lives at 2019 Sherman Avenue, Evanston.

ROBOS, JAMES KOSTES, '43, is working with tubes, flasks, and all the other impedimenta of the chemist for the Metals Disintegrating Company in New York City.

BECK, HENRY C., '44, received his commission as Ensign after completing the V-7 course at Annapolis and has been assigned to duty on a destroyer escort. His letters are addressed to Ensign Henry C. Beck, U.S.N.R., c/o Fleet Post Office, San Francisco, Calif.

IOTA

COLICK, ANTHONY FRANK, '18, Sales Manager for the La Salle Steel Company, 916 North Michigan Avenue, Chicago, Illinois, live at 1361 East 50th in the windy city.

WILSON, JOSEPH MARTLAND, '21, is an oil producer—his business address is 707 Continental Building, Dallas 1, Texas. Brother Wilson relaxes at 5811 Gaston Avenue, Dallas 14.

WEBSTER, VANCE HERSCHELL, '23, is Pastor of the First Baptist Church, Broadway and High, Eugene, Oregon. The parsonage is at 1865 Willamette Street, Eugene, Oregon.

FOSTER, JAMES NELSON, '25, has a responsible position in a key industry as factory manager for the Curtiss-Wright Corporation, St. Louis Plant, Robertson, Missouri. Brother Foster relaxes from his heavy responsibilities

at 102 Robert Avenue, Ferguson 21, Missouri.

SCHNEEBERGER, FRED CHRIST, '25, Sales Manager for the X-ray Division, Westinghouse Electric and Manufacturing Company, St. Louis, Missouri, eats his favorite dishes at No. 1, Briar Oak, Clayton 5, Missouri.

BOYER, PHILIP J., '28, has left the Ringwood plant of the Alan Wood Steel Company where he was mill superintendent to become general plant superintendent of the Scotia Mining Company, State College, Pennsylvania. The iron ore mine and mill is about completed and operations were to start in March.

MCCRORY, GEORGE THOMAS, '29, is mining engineer for the St. Joseph Lead Company, Rivermines, Missouri.

- MORRIS, ORVILLE WINFRED, '29, has the intriguing title of "combustion" engineer, American Rolling Mills Company, Armco, Ashland, Kentucky. When he isn't engineering combusting he spends much of his time at 911 Edgewood Avenue, Ashland.
- DeFOE, JONATHAN CAIN, '31, we are proud to say, received the Legion of Merit in 1944. Brother DeFoe is with the U. S. Engineers. His family is at 2415 East Murdock Street, Wichita, Kansas.
- HARRINGTON, CHARLES KELVIE, '31, engineer for the Wright Aeronautical Corporation, Patterson, New Jersey, seems to be surrounded by timber. His address is Cedar Road, Pine Lake, Paterson, Route 1, N. J.
- HEILIG, ERBERT WARREN, '31, a Lieutenant Colonel in the U. S. Army, says home is in Hoylten, Illinois. The army says his address is APO No. 350, c/o Postmaster, New York.
- WARE, WALTER JUSTUS, '31, toils as Associate Engineer at the U. S. Engineer Office, 601 East 70th Street, Kansas City, Missouri.
- MALLOY, STEVEN MONTELL, '32, Lieutenant in the U. S. Air Corp, is stationed at Matagorda Penn, Foster Field, Texas. His leave's are spent at 620 Main Street, Joplin, Mo.
- COGHILL, WILLIAM WALLER, '33, is Plant Superintendent for the Ozark Chemical Company, Monahans, Texas. His welcome mat is at 902 Hoxsie, Monahans.
- SPRINGER, WILLIAM RUTHERFORD, '34, engineer for the Pratt & Whitney Aircraft Corporation, 95th & Troost, Kansas City, Missouri. 122 West 65th Terrace, Kansas City 5, Missouri, is home sweet home.
- HUBBARD, JOHN RILEY, '36, is chemical engineer for the American Car & Foundry Company, 1558 S. Vandewater, St. Louis, Missouri. His homeward steps take him to 3325 Russell Boulevard, St. Louis, Missouri.
- LOGAN, EDWIN WILLIAM, '37, is with the Emerson Electric Manufacturing Company, 8100 Florissant Avenue, St. Louis 21, Missouri, as Commercial Engineer. His home address is 108 S. 51st Street, Belleville, Ill.
- CORNETT, ROY C., '38, Major, U. S. Army, is personnel officer on the staff of the Army Air Force Engineer Command, Mediterranean Theater of Operations. His address is 0-363462, c/o Postmaster, New York.
- ELLIS, JOSEPH CRAIG, '38, a Lieutenant, U. S. Army with the ASF, Builders Exchange Building, Minneapolis, Minnesota. His home address is Apartment 209, 3134 W. Calhoun Boulevard, Minneapolis 5, Minnesota.
- EVANS, JAMES D. F., '38, 1st Lieutenant in the U. S. Army and a member of the Engineer Corps, was wounded in action in France, 1944. His A.P.O. number is 5, c/o Postmaster, New York. His GEARs go to 36 North Cowley Road, Riverside, Illinois.
- FRANGE, HERBERT LOUIS, '38, is a Captain in the Engineer Corps, U. S. Army. Letters to him are addressed—APO No. 512, c/o Postmaster, New York. His GEAR, however, goes to 4287 Holly Avenue, St. Louis, Mo.
- SHORT, JOHN AUGUST, '38, is an engineer for the United States Geological Survey, Rolla, Missouri, and lives at 710 West 15th Street, Rolla, Missouri.
- POST, JOHN R., '39, Ensign USNR is on sea duty in the Pacific.
- RASKASKAS, JOSEPH E., JR., '40, Major U. S. Army, has a new address—which must mean something to post office authorities, but it stops us—0388429, 4052nd, AAF BU RD, ASCTC, Fresno 2, California.
- TUCKER, ARMIN J., '40, Captain U. S. Air Corps, has returned from the Asiatic area. He is wearing the Presidential Unit Citation, the Distinguished Flying Cross, and the Air Medal with one Oak Leaf Cluster. He expects to be stationed in the U. S. for several months.
- JAFFE, NATHAN D., '41, is another Theta Tau who is Captain in the U. S. Army, APO No. 527, c/o Postmaster, New York. Home: 1390a Montclair Avenue, St. Louis 12, Mo.
- STEVENS, H. C., '41, Lieutenant, U. S. Army, is in the training section of the Army Air Corps, and can be addressed Training Section 1, AAB, Rapid City, S. D.
- TRISCH, DONALD L., '41, Lieutenant (jg), USNR, is transportation officer for a naval construction battalion in the Pacific and his address is Naval P. O., San Francisco. He met Kenneth L. Hardine, Iota '41, Lieutenant (jg) on one of the islands of the Marianas last year. They report that Herbert Stockton, Iota '41, is now a full lieutenant in the Navy Seabees.
- WAMPLER, HAROLD R., '41, is a combat engineer and supply officer, A.P.O. No. 450, Camp Cooke, California.
- CUTLER, ROBERT R., '42, Captain, was recently awarded the Distinguished Service Cross in France. Details are not available. His home is Riverview Place, Washington, Missouri.
- HAAS, HAROLD W., '42, Lieutenant U. S. Army, was wounded for the third time in France. In the fall of 1943, he was wounded for the first time in North Africa. He received the Purple Heart and the Silver Star for bravery. His home is at 4080 Quincy Avenue, St. Louis, Missouri.
- STOWELL, ROBERT L., '42, left Paramaribo, Surinam, last fall to enter the service. He was mine superintendent for Surinaamsche Bauxite Maatschappij, a subsidiary of Alcoa, mining bauxite.
- DOWD, JAMES, '44, has his own back yard at 332 Freeport Road, New Kensington, Pennsylvania—the more serious work of the world he does for the Aluminum Research Laboratories, New Kensington.

KAPPA

PEARSON, F. H., '18, Lieutenant Commander, has been training amphibious forces and is stationed at Ft. Pierce, Florida.

ALLMAN, JOHN C., '21, is service manager for Sears Roebuck Company, 241 Main Street, Dayton 2, Ohio. He retreats from the world of commerce to 703 Verona Road, Dayton 7, Ohio.

SCHUBERT, ALVIN E., '30, is chief engineer in charge of Recordak products with Eastman Kodak Company in Rochester, N. Y. He holds over twenty patents on photographic equipment. Recordak is a system of putting documents on a photographic film at re-

ductions up to 1000 to 1. It includes the major equipment of V-mail.

DEBERARD, EMMONS W., '31, is a Lieutenant (jg) in the Navy.

GARTNER, FRED WILLIAM, '31, is truck manager for the Chevrolet Division, General Motors, Sales Corporation, 12 1st Avenue, S., Great Falls, Montana. Brother Gartner's home is at 2508 2nd Avenue, North, Great Falls, Montana.

DERBY, MALCOLM R., '32, and a Major in the U. S. Army, has gone from the windy lake city of Chicago to the south'n clime. His address is 2118 Roosevelt Drive, Albion Acres, Augusta, Georgia.

LAMBDA

ELTON, JAMES O., Honorary, who retired in 1944 as General Manager of the International Smelting and Refining Company is now living in Hampton Falls, New Hampshire.

PIXTON, SETH WEAVER, '25, is a telephone engineer for the Mountain States Telephone and Telegraph Company, 56 State Street, Salt Lake City, Utah. His own telephone is at 5834 Emigration Canyon, Salt Lake City, Utah.

WILSON, PAUL EUGENE, '27, is a representative for the Worthington Pump & Machine Company, 136 S. Main, Salt Lake City, Utah. He forgets machines and pumps and thinks about his favorite dishes when he enters 334 Douglas, Salt Lake City, Utah.

JACOBSEN, WILLIAM BELESS, '29, Assistant Metallurgist for the Colorado Fuel and Iron Company, 225 Canal Street, Pueblo, Colorado, has his domicile at 630 Tyler Street, Pueblo, Colorado.

ELSEY, PHILIP JAMES, '32, Research Engineer for the Utah Engineering Experiment Station, University of Utah, Salt Lake City, rests from his researches at 2296 Wellington, Salt Lake City, Utah.

HEDGES, JAMES A., '32, Lieutenant, U. S. Army, number 0271575, is, we would guess,

making things just slightly uncomfortable for our oriental foe—his address is APO No. 9265, c/o Postmaster, San Francisco, California.

BULKLEY, WILLIAM L., '38, is in the development of Servel and resides at 1426 Adams Avenue, Evansville 14, Indiana.

SUMSION, HENRY THEODORE, '38, is a Captain in the U. S. Army. The home fires burn for him at 1148 East 1st St., South, Salt Lake City, Utah.

WINHOLTZ, WILFORD G., '38, wants his mail sent to 3809 Campbell Avenue, Kansas City 3, Missouri.

WEYHER, ROBERT, '39, is a Lieutenant in the U. S. Army, stationed at Ft. Benning, and resides among Georgia peaches. At least his address is 915 Peachtree Drive, Columbus.

MCNEILLY, WAYNE E., '40, Private F.A.-USA, No. 39935952-A-7-3 FA RTC Sec. 3, Ft. Bragg, N. C., undoubtedly dreams of 525 Utah Street, Boulder City, Nevada—it's home.

SLOAN, ALLAN ROMNEY, '43, is a Lieutenant in the U. S. Army and with the Motor Maintenance School, Columbus, Georgia. Home for Brother Sloan is at 384 E. Street, Salt Lake City, Utah.

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MAXWELL, FRED R., Honorary, Commander USNR, is stationed at the U. S. Naval Air Station, Building 633, Pensacola, Florida.

MCQUAIG, DONALD HIRAM, Honorary, is an application engineer for the Worthington Pump & Machinery Company of Holyoke, Massachusetts. His home address is Box 110a, East Street, South, Hadley, Mass.

ANDERSON, MARSHALL PATTON, '23, who lives at 2012 Banks, Houston 6, Texas, finds the day's work waiting for him as Assistant Works Manager at the Brown Shipbuilding Company, Houston, Texas.

LONG, JESS ORVILLE, '26, Lieutenant, USNR, finds his duties in the Radio and Sound Laboratory, Navy Yard, San Diego, Cali-

- fornia. When through with those duties for a bit he goes to 1308 Park Row, La Jolla, California.
- SPEAKE, PAUL M., '27, is stationed in the Navy Bureau of Naval Intelligence in Washington. When the Navy sees fit to give him some leisure he dashes to 501 Eustis Street, Huntsville, Alabama.
- ALMON, CHARLES POMEROY, JR., '28, has an authoritative position as Chief of the Power System, Operations Division, Tennessee Valley Authority at Chattanooga, Tennessee. Brother Almon lives at 14 Bellflower Circle, Chattanooga 4, Tennessee.
- DAVIS, PHILIP, '30, with Uncle Sam's Engineer Corps, has been transferred by the old gentleman to Mobile, Alabama.
- LANDELL, ALDEN WILLIAM, '30, is engineer with the Connors Steel Company, P. O. Box 952, Birmingham, Alabama. His personal mailbox is at 104 Hollywood Boulevard, Homewood, Alabama.
- ROBINSON, WILLIAM LEWIS, '30, is Research Chemist for the Monsanto Chemical Company, Aniston, Alabama, and lives at 415 Goodwin Street, Aniston.
- BELL, BYRON ADAMS, '34, is budget accountant for the Curtis Wright Corporation, Caldwell, New Jersey. His mail box is at 25 Berkendine Road, Caldwell, New Jersey.
- LARKIN, F. J., '34, has moved from 135 Wall Street, Bethlehem, Pennsylvania, to 172 William Street, Alexandria, Virginia.
- NORMAN, JAMES, '35, asks that mail be sent to P. O. Box 358, Malvern, Arkansas.
- ELLIS, GILES M., JR., '37, Major, U. S. Army, wants his letters sent to Box 138, Canton, North Carolina.
- DAVIDSON, MILTON, '38, is an aeronautical engineer for the National Advisory Committee for Aeronautics, Newport News, Virginia. Brother Davidson's pipe and slippers are at 1155 16th Street, Newport News, Virginia.
- LANKENAU, HENRY GEORGE, '38, Captain in the U. S. Engineer Corps receives letters addressed thusly: APO No. 600, c/o Postmaster, New York. His family will also forward letters addressed to 1000 13th Street, Tuscaloosa, Alabama.
- LIGHT, JOHN H., '38, Captain, U. S. Army, asks that Mercury be sent winging to Summit Point, West Virginia.
- MORGAN, PATRICK NICHOLAS, JR., '39, assists fraternity brother Almon as Power superintendent of the TVA. He takes it easy at 1001 Endicott Street, Chattanooga, Tenn.
- CHARLES, FRANCIS, '40, has changed his home address to 609 West Joppa Road, Towson, Maryland.
- DRIVER, GEORGE TAYLOR, '40, is overseas with the 446th Bomber Group as a Lieutenant. Another Tuscaloosian, his home address is 509 34th Avenue.
- ADAMS, CLINTON WYMAN, '41, Captain in the U. S. Army, is stationed with the 13th Coast Artillery, Fort Barrancas, Florida. His home address is P. O. Box 4932, Warrenton, Florida.
- BEESON, JAMES M., '41, is another Theta Tau Major of the Engineer Corps. He is with the 40th Combat Engineers overseas.
- PRATER, PETER G., '41, Captain U. S. Army, has his own private barracks at 1725 E. High Street, Springfield, Ohio.
- DICK, JOSEPH R., '42, is a Captain in the U. S. Army, APO, San Francisco, California. His home, and we are unable to be too definite, is somewhere on Edgely Avenue, Bristol, Pennsylvania.
- HAMIL, JOHN C., '42, Captain, U. S. Army, gives his address as 1351st Eng. G. S. Reg. Co. A, Camp Claiborne, Louisiana.
- HEATON, ROY GORDON, '42, is a staff member at M.I.T. and lives his non-teaching hours at 317 Memorial Drive, Cambridge, Mass.
- JOWERS, A. B., '42, Lieutenant, U. S. Army, finds himself stationed at the AAF Convalescent Center, Fort Logan, Denver, Colo.
- McKINNON, JULIAN, '42, Lieutenant, says, "Send my mail to Clio, Alabama."
- CROW, WILLIAM WILSON, '43, is with the Standard Oil Company of New Jersey and lives at 28 Summit Road in Elizabeth, N. J.
- DWYER, JAMES, '43, Ensign USNR, is at Ft. Pierce, Florida, with the Demolition Research Unit.
- KIRBY, HAROLD ROBERT, '43, whom we have insisted on calling Kirby in our files, till a short time ago, is engineer for the Linde Air Products Company, Niagara Falls, New York. He lives not in the city of the falls, but at 18 St. John Place, Buffalo, New York.
- LEROY, J. RUSSELL, '43, Sergeant, U. S. Army, has changed his address to Hq. Battery, 671 F. A. Bn., Fort Jackson, N. C.
- McCOLLUM, PAUL E., '43, has a new address at 275 Corona, Long Beach 3, California.
- OWEN, HAROLD MURPHY, '43, formerly an engineer for the Gulf States Paper Company, Tuscaloosa, Alabama, is now a Lieutenant in the U. S. Army. Home means 18 Oakwood Court, Tuscaloosa, to Brother Owen.
- READY, JOSEPH AUGUSTINE, '43, Private, U. S. Army, is at Fort George G. Meade, Maryland. Brother Ready's home address is Box 62, Luzerne, New York.
- STARKEY, EDWARD W., '43, Lieutenant (jg), asks that his letters be addressed to him in care of the Fleet Post Office, San Francisco, California.
- WILSON, WALTER SCOTT, III, '43, spends his time with flivin' machines as a Lieutenant in the Army Air Corps. Home is 62 Norwood Circle, Birmingham 4, Alabama.
- YOUNG, DAN, '43, Corporal, U. S. Army, is still at Camp Claiborne, Louisiana, with the 361st Engr. Rgt. (SS) Company D.
- ALLEN, GLEN L., '44, Lieutenant, U. S. Army,

sends a new address at: E. O. R. P., A.S.F. T.C., Fort Lewis, Washington.

KELLEY, RAMON J., '44, Lieutenant, U. S. Army, is now with Company A, 1265th Engr. (C) Bn., Camp Van Dorn, Mississippi.

POTTER, JOHN LEITH, '44, is junior engineer with the Curtiss-Wright Corporation, Caldwell, New Jersey. His home is at 46 Hillcrest Road, W. Caldwell, New Jersey.

NU

CUTHBERT, WILLIAM ROBERT, '22, is dealing with a product highly important to us at this point—coal. Brother Cuthbert is production Engineer for the Valley Camp Coal Company, Elm Grove, West Virginia. His home address is P. O. Box 2008, Elm Grove.

JOHNSON, EDWIN H., '22, has been appointed to the newly created position of chief engineer of mines for Republic Steel Company in Cleveland, Ohio. He goes there from Columbus where he was manager of the loading machine division of the Jeffrey Manufacturing Company. His new job will be in connection with company coal and iron mine in the Lake Superior district, northern New York, western Pennsylvania, Kentucky, and Alabama.

FERRALL, LORIN LONG, '23, is a metallurgical engineer in the automobile city. Associated with the Rotary Electric Steel Company, Birmingham, he lives and works in Detroit, Michigan. Residentially speaking, he is at 18664 Gainsborough Road.

BITTNER, SAM, '24, had a jolly time with C. N. HOLLINGSWORTH, '24, at their 20th reunion at this year's Carnegie homecoming.

MCDONALD, MICHAEL DOUGHERTY, '24, is confusing us. He is an engineer for the New York State Public Works Department, Buffalo, New York. However, we have two addresses for our brother, 23 Taft Street, Buffalo, 14, New York, and 284 Knowlton Avenue, Kenmore, New York. Take your pick!

PATTON, EDWARD RUSSELL, '24, is with the Development and Research Division of the International Nickel Company, Mt. Vernon, New York. The favorite chair and footstool are at 3 Park Lane, Apt. 5-b, Mt. Vernon, New York.

SCHUCKER, PAUL F., '24, for the last three years chief of the export steel branch of the War Production Board, has been put in charge of the export department of Charles A. Koons & Company, 620 Fifth Avenue, New York.

HANLEY, WILLIAM S., '26, Corporal U. S. Army, is a member of an Air Evacuation Squadron assigned to the Ninth Air Force Troop Carrier Command.

LOXTERMAN, H. RUSSELL, '30, is now with the Chicago office of the Blaw-Knox Company, in charge of engineering and sales of Steel Plant Equipment for the middle west.

KRIDER, HARRY R., '33, has changed his abode from 106 Washington Avenue, Haddonfield, New Jersey, to 946 Rosewood Drive, Grand Rapids, Michigan.

NICKEL, A. A., '35, opens his letters at the Columbia Steel Company, 235 Montgomery Street, San Francisco, California.

THOMAS, HAROLD ALLEN, JR., '35, is assistant professor in Sanitary Engineering at Harvard. When not professing, he is at 31 Governor Road, Arlington 74, Mass.

APPLEGATE, W. F., '36, who is with Hercules Powder Company, has been moved to Baraboo, Wisconsin, and it would be nice to know how Baraboo ever got its name, we think.

HARDIS, LEONARD, '38, is engaged in vital work, we observe, as Ordnance Engineer, Subsection Head, in charge of strain gages, Naval Gun Factory, Washington, D. C.

EDWARDS, DAVID G., '39, writes that he is still working for N. D. R. C. trying to finish the war. May good fortune speed his efforts!

SHAFFER, FRED W., '39, is a Lieutenant in the United States Naval Reserve.

FROELICH, WM. R., '41, is now a Major in the army of Uncle Sam.

LEBON, CHARLES B., '42, Lieutenant (jg), USNR has been busy in the blue Pacific for over a year.

MARGERUM, GEORGE M., '42, as a Lieutenant in the U. S. Army, is in the land of Clive and the Taj Mahal.

STEELE, ARTHUR E., '42, is a Captain in the U. S. Army.

STULEN, FRANK L., '42, is a Lieutenant in the U. S. Army, and spends most of his time thinking about propellers, or so it sounds, for he is stationed with the Wright Airplane Company in the propeller laboratory in Dayton, Ohio.

BINGHAM, R. S., JR., '46, says, "Send my Gear home to 119 West Poplar Street, Floral Park, L. I., New York."

OMICRON

RAUSCH, E. H., JR., '31, Major, Engineer Corps, U. S. Army, has been appointed head of supply activities for the Seattle district, U. S. Army Engineers. Recently, he had been on construction work in Alaska. Before the war he was with the U. S. Engineers at Rock Island.

PHILIPS, CARROLL, '33, in the St. Luke's Sanatorium in Phoenix, Arizona, is making satisfactory progress and is able to work a few

hours each day in the office of the sanatorium. Brother Phelps can be written to in care of the sanatorium, 501 North 18th Street, Phoenix, or 62 North Morris Street, Mesa, Arizona.

KELLOGG, GLEN T., '40, Captain in the U. S. Army, sent a small blue-ribboned card to this office heralding the arrival of Glen T., Jr., February 3rd, 1945.

PI

VIA, WARREN, '28, has been appointed manager of the Procurement and Records Division of the Personnel Department, PCA, in Washington, D. C. He lives at 1311 South Thomas, Arlington, Virginia.

LEE, R. E., JR., '30, has been doing his Captaining of the U. S. Army Engineer Corps somewhere in the South Pacific.

COLVIN, GRATTAN, '39, announces that Grattan C., Jr., was born on March 18, 1943.

DINWIDDIE, HARMAN, '39, is a technical sergeant with the 90th Infantry Division now in action against the Germans.

THOMAS, JERRY, '41, was married on January 23, 1945, to Miss Eleanor Conway of Drexel Hill, Pennsylvania.

WILSON, AUBREY BENNETT, JR., '41, has been awarded the Air Medal with three Oak Leaf clusters for some particular activity of his as a Lieutenant in the U. S. Army Air Corps.

BILD, CHARLES, '42, Ensign USNR, is at the

U. S. Naval Ammunition Depot, Hawthorne, Nevada.

RATHBUN, KENNETH, '42, passed cigars to the gentlemen and candy to the ladies last October 16, 1944. Reason: a son, Larry Lee.

PABST, NED, '43, 2nd Lieutenant in the U. S. Army is in New Guinea.

FINNEGAN, PAUL W., '45, Sergeant, U. S. Air Force, is a fast worker and his shooting must be something to see. Although he has been overseas less than three months with the 12th Air Force, he has been awarded the Air Medal. This was for a job he did as gunner and radio man on a B-25 Bomber which destroyed the vital Sacile Railroad Bridge in Northern Italy. He is the son of Mrs. Laura W. Finnegan, hostess of Alumni Hall at the University of Virginia.

TALBOT, STUART, '45, writes that his address changes rapidly but at the present writing, it is S 1/c, U.S.N.R., Box 57, Del Monte, California.

RHO

BIBERSTEIN, H. VON, '21, has moved from his old abode to 1600 Elizabeth Avenue, Charlotte, N. C.

HIPP, W. N., '24, lives at 1617 10th Street, Hickory, N. C.

ROYAL, J. A., '33, has a new address at 318 Pica Avenue, Hilton Village, Virginia.

CYRUS, HENRY NORRIS, '38, is in the U. S. Army, but unfortunately we do not know in just what capacity. His home address is 719 Arlington Street, Rocky Mount, N. C.

BRIGGS, THOMAS L. JR., '43, Lt. (jg), U.S.

N.R., is serving aboard a destroyer in the Atlantic. His home is in Raleigh, N. C.

HECHT, WM. J., '43, is an Ensign, U.S.N.R., and stationed in Washington, D. C.

PAGE, PRESTON DOUGLAS, '44, Lieutenant, U. S. Army, of Camp Edison, N. J., was married in the post chapel on December 12, 1944, to Miss Eula Pearl McLam, daughter of Mr. and Mrs. E. C. McLamb of Clinton, N. C. He has since left for overseas duty. He is the nephew of Mr. and Mrs. J. W. Burns of Rowland, N. C.

UPSILON

HERGET, R. PHIL, '34, of Bob Burns' native state—Arkansas, of course—is a lieutenant in Uncle Samuel's army.

IBISON, JAMES L., '37, Major, U. S. Army, whose home is in Greenwood, Arkansas, is stationed in Washington, D. C.

LANE, RILEY B., JR., '38, Lieutenant in the U. S. Navy is at a fleet service school, NOB, Norfolk, Virginia.

MENEFEE, BRUCE MARTIN, '39, is a United States Army Lieutenant.

MUIR, DAVID MONROE, '40, is a 1st Lieutenant in the air corps.

RANDOLPH, JOHN BRENTS, '41, is a Lieutenant (jg).

RANDOLPH, JOSEPH PEYTON, '41 is an army Captain.

GARNER, EARL RAY, '42, a Captain in the U. S. army from Camden, Arkansas, is in the army ordnance department.

GILBERT, STANLEY K., '42, of Sparkman,

Arkansas, Captain, U. S. Army, is slugging it away in Germany.

HELMS, FLOYD PARKER, '42, Captain U. S. Army is in France, and reports he has been busy testing captured German equipment.

GARTSIDE, WILLIAM W., '43, 2nd Lieutenant in the Air Corps is in France.

TARDY, ROBERT WARREN, '43, has not been tardy in doing his share for our war effort. He is now an Ensign, USNR, overseas. Brother Tardy's home is in Helena, Arkansas.

LEATH, WALLACE W., '44, of Ida Grove, Iowa, Ensign USNR, is concentrating on the Japs in the South Pacific.

CHI

POLK, ORVAL H., '27, is a Lieutenant Commander with the Ordnance Department Staff, Columbia University, New York.

MINTON, DAVID C., JR., '30, has changed positions and is now with the Battelle Memorial Institute, Columbus 1, Ohio.

HOUSTON, ROBERT L., '31, is a Captain in the U. S. Army Air Corps, and stationed at Bryan Army Air Field, Bryan, Texas.

CLARK, HENRY D., '32, had been a prisoner of the Japs since the fall of the Philippines and was liberated on February 4, 1945.

BUTLER, GURDON M., JR., '33, is obviously in essential industry for he is associate director of research of the tool and die steel division of the Allegheny Ludlum Steel Corporation plant at Dunkirk, New York.

CLOUD, WILLIAM KENDRICK, '34, Lieutenant, U.S.N.R., is now stationed in San Francisco.

JACOBSEN, EINO, '34, is a captain in the U. S. Army at Camp Polk, Louisiana.

BUEHMAN, ALBERT H., '35, says that on December 26, 1944, he became the parent of a son, born in Phoenix, Arizona, where he is assistant project engineer on cabin pressure equipment for the Air Research Manufacturing Company.

POTTER, GEORGE M., '35, is metallurgist for the U. S. Bureau of Mine. Formerly at Pullman, Washington, station of the bureau, he has been transferred back to the station in Salt Lake City, Utah.

RAYMOND, HENRY, S., '37, has moved from Peoria, Arizona, and his address is now Young Route, Globe, Arizona.

GOHRING, BILL, '38, is a Captain in the Air Corps, Squadron A, 463rd AAFBU, Geiger Field, Spokane, Washington.

RITTENHOUSE, JOHN, '38, formerly with a shipbuilding company in San Francisco, is going to Alaska.

YOUNG, EDWARD L., '38, is a Major in the U. S. Army and has been serving Uncle Sam in Australia, Ceylon, and India. His army

address is APO No. 217, New York City.

BABCOCK, HORACE M., '39, Lieutenant (jg), has been given command of a ship in the South Pacific.

BORGQUIST, NEIL, '39, is in the navy at San Diego.

KING, F. RAYMOND, '39, Major, U. S. Army, led the landing troops when Samar Island in the Philippine group was occupied last fall. He gave the natives the first news that we were back in the islands. Brother King is with the famous First Cavalry Regiment. Wounded in the Admiralty Islands, he was awarded the Purple Heart. His address is APO No. 201, c/o Postmaster, San Francisco.

MEDFORD, A. J., '39, Lieutenant (jg) U.S. N.R., c/o Fleet Post Office, San Francisco, said in a recent letter that he had just landed on the seventh island since his battalion went overseas 19 months ago. He says that he has had a first hand view of what the Japs meant by their Greater East Asia Co-Prosperity and what it meant for the civilians for whom it was intended. They hate the Japs even worse than the soldiers and marines who have seen their natural nastiness on the field of battle.

NICHOLAS, CHARLES, '39, Lieutenant Commander, U.S.N.R., is stationed at the Naval Air Station, Anacostia, D. C.

RITTENHOUSE, TOM, '40, is with the Seabees on Leyte Island.

SHERMAN, FRED W., '41, 2nd Lieutenant, C. R.T.C., is at Fort Riley, Kansas.

SPARKS, WILLIAM L., '41, a Lieutenant with the "Off We Go" boys, has been awarded the air medal. He participated in attacks on Japanese convoys in the Aleutians.

AGETON, ROBERT W., '42, another Chi brother who is an Arizonian, lives at 1323 E. 5th Street, Tucson, Arizona.

CULIN, FRANK L., III, '42, is still running errands for his father—as aide-de-camp for

- him in Germany. His father is Brigadier-General Culin.
- GORDON, HELAMAN, '42, Captain, 3rd Battalion, 33rd Armored Division of Hodges First Army is the proud possessor of the Purple Heart, Silver Star, and Bronze Star.
- JOHNSON, W. L., JR., '42, is an Ensign in the U. S. Navy his wife writes, and wishes his mail sent to 2514 East Speedway, Tucson, Arizona.
- LYON, O. T., '42, Lieutenant (jg), in the Seabees is in the South Pacific and has been for the last 16 months. He was in on the invasion of Luzon.
- WIGLEY, ROBERT R., '42, is a Lieutenant in the United States Air Force. He returned a few months ago from duty overseas and is now at Bryan, Texas. As a bomber pilot, he saw action in England and in Italy and received the air medal with three oak leaf clusters.
- DULLES, JOHN, '43, mining engineer, is located at Monterey, N. L., Mexico, and more exactly, at Degollado, San 436.
- FIEDLER, FRED S., '43, is a Lieutenant in the Army Air Corps. His address is 0369801, 3rd Echelon Shops, LCAAF, Lake Charles, Louisiana. He writes, however, that letters will always reach him if sent to 157 "C" Street, Brawley, California.
- MYERS, EDWARD, '43, is addressed at TSBQC7 Wright Field, Dayton, Ohio. He is a Lieutenant in the Air Technical Service Command.
- THUMA, THEODORE E., '43, is a test engineer for the General Electric Company in Schenectady, New York.
- KOMADINA, GEORGE, '44, is a Pfc. with Tank Battalion, A.P.O. No. 446, in France.
- MULLEN, RICHARD C., '44, lives in Jerome, Arizona.
- PRINCE, RICHARD D., '44, is a Lieutenant in the U. S. Army and the father of a daughter born in Prescott, Arizona, on April 1, 1944.
- STEARNS, WM. L., '44, is a Lieutenant in a Bomber Group, A.P.O. No. 321, San Francisco; was in the Philippines on March 31, 1945.
- MILLER, DAVID B., '45, Midshipman, U.S.N.R., took the final vows in Bisbee, Arizona, on October 22, 1944, when he married Miss Bonnie Jean Morris.
- CURRY, DAVE, '47, is another sailor at San Diego.

PSI

- BIANCHI, RENATO, Honorary, is in the Naval Ordnance Laboratory, Navy Yard, Washington, D. C., and gives his home as House in the Tree, (honest!) Berwyn, Maryland.
- BILLY, JOHN ELMER, '31, geologist for The Texas Company can be reached through P. O. Box 405, Shelby, Montana.
- JOHNS, HAROLD T., '31, keeps his favorite armchair at 1900 E. 27th Street, Oakland, California.
- BOVEE, ARTHUR J., '34, is at Sunburst, Mont.
- McAULIFFE, JOHN D., '34, formerly production specialist with the Board of Economic Warfare in Lima, Peru, is now in Washington, D. C., with the Foreign Economic Administration.
- SMITH, ROY O., '37, is chief engineer, construction division, Alaskan Department, Civil Aeronautics Administration, which sounds important to us, but he feels that we should be much more impressed by the birth of his son on September 18, 1944. He reports that Cameron Rich, Psi '39, also is with his outfit at Anchorage, Alaska.
- TARRANT, BERNARD RAYMOND, '37, Lieutenant Commander, USNR, is reported to be on the big blue ocean, but his mail is sent to Star Route No. 2, Box 439, Belfair, Washington.
- YOUNGBERG, ELTON A., '37, is now field engineer for the Grants Pass, Oregon, office of the department of Geology and Mineral Industries. He was in charge of the Benton mine near Grants Pass until it was closed for the duration. In 1942 he went to Washington, D. C., as a commodity specialist of non-ferrous metals for the U. S. Tariff Commission.
- BECKSTROM, C. L., '38, Lieutenant, USNR, is stationed at Babcock & Wilcox, Barberton, Ohio.
- BLAKE, ROBERT A., '38, is mill shift boss for the Hecla Mining Company, Osburn, Idaho. He was formerly with the Domestic Manganese & Development Company of Butte, Montana.
- McCREADY, RAY A., '39, Ensign for the sailors, is stationed at the Charleston Navy Yard, Charleston, South Carolina.
- MITCHELL, SAMUEL ANDREW, '39, Lieutenant, U. S. Army, gives his address as APO No. 230, c/o Postmaster, New York. The folks at home are at 620 Broadway, Helena, Mont.
- GREENE, THOMAS, '40, Captain in an Engineer Combat Battalion, is overseas. His letters are addressed to him, 0-456466, APO No. 403, c/o Postmaster, New York.
- JANCIC, THOMAS, JR., '40, writes us that his address has changed from Box 921, Bisbee, Arizona, to Route A, Helena, Montana.
- RAMBOSEK, AUGUST F., '40, Captain in the United States Engineer Corps, whose home is in Eureka, Montana, was awarded the Bronze Star for "meritorious service in

direct support of combat operations" while serving with a 12th Air Force B-25 bombardment group operating from a base in Corsica. He has been 28 months overseas and also wears the distinguished unit badge.

HUXLEY, JOHN H., '41, is with the Universal Zonolite Company at Libby, Montana.

JOHNSON, THOR W., '41, Lieutenant, USNR, has been transferred to Pittsburgh by the Navy for a year's special study in metallurgy at Carnegie Tech. He announces the birth of a son, David Carl, on May 13, 1944. The family is living at 1102 De Victor Place, Pittsburgh 6, Pennsylvania.

NEUBAUER, HERMAN, '41, who is doing geophysical prospecting, has a new address at P. O. Box 921, Clarksville, Texas.

THURLOW, ERNEST EMMANUEL, '41, is geologist for the Chile Exploration Company, Chuquicamata, Chile. S. A. Brother Thurlow says that if we want to be certain to reach him write in care of P. A. Thurlow, 101 East Kansas City Street, Rapid City, South Dakota.

WARD, CARROLL J., '42, is at Mike Horc, Montana.

WINANS, GEORGE D., '42, Lieutenant (jg), is in the office of Naval Inspector of Ordnance, Westinghouse Electric and Manufacturing

Company, Sharon, Pennsylvania.

GILMORE, EMMET, '43, is now a "leatherneck" Lieutenant.

ROLETT, HENRY, '43, Lieutenant U. S. Marine Corps, USNH SOQ, Quantico, Virginia, has been in a hospital in Washington, D. C., with an attack of infantile paralysis.

WHITMAN, JUDSON HAROLD, '43, Lieutenant, U. S. Air Corps, was reported missing over Germany on September 11, 1944, but since that time word has come to his wife, Irene, who is in the W.A.A.C., that he is a prisoner and unhurt.

CAMPBELL, CHARLES V., '44, is geological engineer for the Barnsdall Oil Company of Tulsa, Arizona, with offices located at 212 Fratt Building, Billings, Montana.

McKENZIE, THOMAS M., '44, has been learning the navy ways at Midshipman's School at Columbia University.

MILLER, CLINTON, '44, Lieutenant in the U. S. Army was taken last winter into the Royal Order of Husband: when he married Miss Mickey Babich of Butte, Montana. They left soon after the wedding for Ft. Benning, Georgia, where their address is 1104 30th Street, Columbus, Georgia.

STEVENS, EDWIN W., '44, is with the Darwin Mines at Darwin, Inyo County, California.

OMEGA

BUILER, BURTON F., '32, Lieutenant (jg), USNR, has a new job and address—Ordnance Supply Building 53, Naval Dry Dock, Terminal Island, San Pedro, California.

TARIO, REX, '32, Foreman, Electrical Department of the Homestake Mining Company is back in Lead, S. D., after spending five months at the Homestake's manganese property in Baja California, Mexico.

GAGSTETTER, NOEL, '34, has been promoted, since the last GEAR was forthcoming, to Lieutenant senior grade, USNR.

COOKE, F. W., '36, Captain in the U. S. Army sends his address—AAFWTTC, 1108 15th Street, Denver 2, Colorado.

McELWAIN, KEITH M., '36, is now with the Bassik Company, 38 Austin, Bridgeport, Connecticut.

DAVIES, DAVID L., '39, Lieutenant (jg), USNR, is on an Admiralty Group Island in the Bismark Sea and reports: that he went on a fishing trip with Wilbur Rand, Omega '40, Lieutenant, USNR, and Richard Doolittle, Omega '35, Lieutenant (jg), USNR. Davies is in the Public Works office on water supply for the region. Rand has been home on leave recently and Doolittle is reported on his way home after being out there over two years. All of it sounds as if they had been with those famous Seabees.

Davies has a second son, Lawrence Jon, born in Rapid City on January 28, 1944.

FLAGG, NORMAN, '39, Private, U. S. Army, has been taking Sanitary Engineering under OCS at the University of Illinois and expected to get a B.S. and 2nd Lieutenant rating.

LEE, ELMER, '40, was married in Seattle, Washington, on December 13, 1944, to Miss Beverly Gilmour.

DRICKEY, PAUL, '41, Captain U. S. Army, is in the weather office in Assam, India. He has been there almost two years, has flown over the hump several times, and reports he has been as much as 300 miles behind the Jap lines and has flown as low as 300 feet over their installations. His mother, Mrs. Floyd Drickey, lives in Rapid City, S. D.

RICHARDSON, HAROLD W., '41, formerly with Carnegie Illinois Steel Company in Chicago is now Private A.S.N., 36913831, Troop B, E.S.S.P. in the Field Artillery. He has been at Ft. Riley, Kansas, but expected orders to move at any time.

HILL, ROBERT BENJAMIN, '42, is a chemical engineer for the Standard Oil Company, Baton Rouge, Louisiana. Brother Hill, who was an Ensign in the Navy and is now honorably discharged, lives at 315 St. Louis Street, Baton Rouge, Louisiana.

LLOYD-DAVIES, ARTHUR, '43, announces the birth of a son and heir, John Arthur, on September 27, 1944, in Ft. Worth, Texas.

VERONDA, DOMINIC, '43, Ensign, USNR, and William Benn, Omega '44, also Ensign, have been at Hollywood Beach, Florida.

WINBURN, DUANE, '43, has changed his home address to 61 Prince Street, Patterson, N. J. DARNALL, LLOYD, '44, Ensign USNR, is in a Seabee Outfit at Camp Endicott, Rhode Island.

LAMMERS, GERARD, '44, is a chemical engineer with the Sub-bituminous and Lignite Sec-

tion of the U. S. Bureau of Mines station at Golden, Colorado. V. F. Parry, Lambda '22, is senior technician at the same station.

NELSON, LAVERNE, '44, is an officer candidate, 28th Company, 3rd S.T.R., Ft. Benning, Georgia.

SOLON, JAMES J., '44, and Robert L. Sandvig, '44, are learning to do things the midshipman's way at Midshipman's School at Columbia University.

WINKLER, ROBERT, '44, S 1/c, USNR, has been moved from Del Monte to Treasure Island, California.

GAMMA BETA

MICHELSON, CHARLES JOHN, '39, (who, by the way, decided Mikuszewski complicated everyday living too much) is an engineer for the Cooper-Bessemer Corporation, N. Sandusky Street, Mt. Vernon, Ohio. His "home sweet home" is located at 802 East Burgess Street, Mt. Vernon.

McCULLOUGH, ROBERT, '42, asks that his GEAR be sent to Apartment 9, 91 Wills Avenue, Akron, Ohio.

DEDICK, EUGENE, '43, is now in the South Pacific as an ordnance officer on a carrier. We send his GEAR with this address—CASU (F) 52 c/o F.P.O., San Francisco, California.

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