

THE GEAR OF THETA TAU



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The GEAR *of*
THETA TAU



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Chapters

- ALPHA, *Founded October 15, 1904* - - - - University of Minnesota
(Chapter house) 324 Walnut St., S. E., Minneapolis, Minn.
- BETA, *Established March 26, 1906* - Michigan College of Mining and Tech.
(Chapter house) 1405 College Avenue, Houghton, Mich.
- 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
Box, Hearst Mining Bldg., University of California, Berkeley, Calif.
- ZETA, *Established April 17, 1912* - - - - University of Kansas
(Chapter house) 1602 Louisiana St., Lawrence, Kansas
- THETA, *Established May 26, 1914* - - - - Columbia University
c/o Prof. A. D. Hinckley, Eng. Bldg., Columbia University, New York City
- IOTA, *Established February 5, 1916* - - - - Missouri School of Mines
104 E. 10th Street, Rolla, Missouri
- LAMBDA, *Established January 3, 1922* - - - - University of Utah
Theta Tau Fraternity, Union Bldg., University of Utah, Salt Lake City, Utah
- MU, *Established January 3, 1922* - - - - University of Alabama
c/o Professor J. M. Faircloth, Civil Engineering Department, University, Ala.
- NU, *Established January 1, 1922* - - - Carnegie Institute of Technology
P. O. Box 114, Carnegie Institute of Technology, Pittsburgh, Pa.
- OMICRON, *Established February 3, 1923* - - - - University of Iowa
(Chapter house) 804 North Dubuque Street, Iowa City, Iowa
- PI, *Established May 26, 1923* - - - - University of Virginia
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- RHO, *Established February 16, 1924* - N. C. State College of Ag. and Eng.
P. O. Box 5325, State College Station, Raleigh, N. C.
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(Chapter house) 1965 Indianola Ave., Columbus, Ohio
- TAU, *Established December 12, 1925* - - - - Syracuse University
c/o Prof. E. F. Berry, College of Applied Science, Syracuse, New York
- UPSILON, *Established April 7, 1928* - - - - University of Arkansas
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- CHI, *Established April 23, 1930* - - - - University of Arizona
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- OMEGA, *Established March 26, 1932* - - - - S. Dakota School of Mines
(Chapter house) 107 Kansas City St., Rapid City, South Dakota
- GAMMA BETA, *Established March 16, 1935* - George Washington University
c/o Dean of School of Engineering, George Washington University,
Washington, D. C.
- DELTA BETA, *Established May 20, 1939* - - - University of Louisville
(Chapter house) 2022 S. First St., Louisville, Ky.

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Founded at the University of Minnesota October 15, 1904

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Why All These Things?

The oldest buildings in the world are the Pyramids of Egypt, and the oldest one of these is the Great Pyramid of Gizeh.

While the pyramids are known to have been built as tombs of the princes and rulers of that distant era, the Great Pyramid of Gizeh was raised for a purpose which is a matter of conjecture to this day. The facts that are known of this pyramid lead one to wonder what manner of men built this marvel of engineering—the mathematicians, the engineers, the builders.

What did they know? How was it done? What were the tools used? How were these huge blocks of stones dressed? Cemented?

This Great Pyramid of Gizeh is constructed on a rock that is bevelled to a curve with a rise of eight inches to the mile, which is the exact curvature of the earth. The huge blocks of stone, some 30 feet in length, are fitted together so perfectly that even at this date you can run a knife blade over the surface without finding the joint.

Pi (π) was known, and they made constant use of it in planning the Great Pyramid, for example, the length of twice the pyramid's base is to its height as a circle is to its diameter, or, twice the base divided by the height of the pyramid is Pi.

If the sum of the length and height of the so-called King's Chamber be divided by the width the result is Pi.

The standard of measure used in the pyramid is the Pyramid inch, which is exactly one five hundred millionth of the polar diameter of the earth. (Our British inch was originally intended to be just one five hundred millionth of the earth's polar diameter, but is slightly inaccurate.)

Twenty-five pyramid inches equals the "Cubit."

The base of each side of the pyramid is just 365.242242 of these cubits, which is the number

of days in our solar year, exact to the second. That is, 365 days, 5 hours, 48 minutes and 49.7 seconds.

The horizontal measurement from the middle of any side to the center of the pyramid at the height of the 35th course of stone (which is clearly defined) is 3652.42 pyramid inches, equal to our solar year expressed by 10 inches representing one day.

Apparently, too, the exact length of the Procession of the Equinoxes was known in that distant day.

The Westward journey of the vernal and autumnal equinoxes around the celestial equator is completed every 25,827.5 years.

The sum of the base diagonals of the Great Pyramid is exactly 25,827.5".

The King's Chamber is built on a level with the 50th course of masonry, and the perimeter of the pyramid at this level again is the number 25,827.5.

If the height of the pyramid above this same 50th course be multiplied by Pi the result is 25,827.5 again.

Why all these things?

Of particular interest to Theta Taus is the accompanying article from "Modern Power and Engineering" of last June on the Great Pyramid of Gizeh. After reading it we will have an even greater respect for the forerunners of our profession.

A One-Man University

Sid Marine, Eta '18

by Robert K. Leavitt

One day in the course of that other war, now so dim in the past, there was a plane of the famous 99th Observation Squadron that got lost while out on a mission. The pilot set her down in a cow pasture. He and his observer located themselves and climbed back to take off again. It was a ticklish job, for the field was small. But the ship was a Salmson—a nice plane for those days—and the pilots of the 99th Squadron weren't in the habit of being towed out of anybody's cow pasture.

So 1st Lt. J. Sidney Marine gave her the gun.

They nearly made it. The ship took the air, rose, cleared stumps and hummocks, was all but out of the field when her right wing ticked the gate-post of a rail fence. She shot up 200 feet in the air and came down like a falling kite. It's curious to think what a lot of things would have been different if some unknown French farmer had cut his gate-post a few inches shorter. For one thing, Scarsdale would now be without one of its greatest, if least pretentious assets.

They got Sid out of the wreck—he had cut the switch and there was no fire. But not even a pilot of the old 99th could take a hot, nine-cylinder, radial engine in his lap, a

gas-tank on his back, two splintered struts in his face and considerable of a Vickers gun in his mouth without being the worse for the attempt.

Sid was the worse for a very long time indeed. He was still on a stretcher three months later when they got him back to New York; he spent the next six months in bed and a good deal of the next few years in and out of operating-rooms. In fact, from the strictly physical fitness standpoint, Sid, though agreeable to look at, is no

Charles Atlas today. Yet from some other points of view it is at least arguable that Sid is more of a man than many of us who missed our particular kind of gate-posts.

* * *

For a while it wasn't easy. They talk about rehabilitation, but surgeons and hospitals can only do so much. The government sent Sid back to M. I. T. which he had left when war broke, and he finished his course there with a B.S. in mechanical engineering in 1921. But neither professors nor doctors can themselves lick the effects of a crack-up. That is something a man has to do for himself, and the finding of a way to do it may be long.

It was that way with Sid. Engineering is a tough profession at best.

The accompanying article, reprinted from the Scarsdale Inquirer of March 13, 1943, will interest all Theta Taus and particularly those older brothers who had the opportunity of meeting Sid Marine at National Conventions. Sid, a past Grand Regent, was on the Executive Council from 1921 to 1927 and attended the '29 and '31 conventions.

It isn't any easier for the man who, just when he gets set to tackle a satisfyingly difficult problem has to knock off to cope with the belated after-effects of a carload-lot of major injuries. A good man—and Sid is good by any standards—can always get along. Sid had his share of success and prosperity, with its rewards of travel abroad, in the 20's. But it is exasperating to find yourself repeatedly stymied from the complete success you had set as your goal, and Sid, I suspect, was rather unhappy about the recurring checks when the old gatepost figuratively rose up again to trip him.

* * *

It was during one of these enforced checks, in 1938, that a neighbor asked Sid to tutor her son in arithmetic. And that was accident too—but a benign one this time, more than offsetting the effect of the chance gatepost.

For Sid discovered in his very first experience with tutoring a something that made him sit down and reflect. Here—he suddenly saw—was what he had been born to do, trained to do, equipped by every experience to do superbly well—and yet had never thought of. He had a sound engineering training with the engineer's analytical, constructive habit of mind; he had a wide background of general knowledge, broadened by reading in much enforced leisure; he had the professional man's quickness in mastering an unfamiliar situation. And he had a way with kids which no one—least of all himself—had ever suspected.

Many people see this kind of vision about themselves. But few ever do anything about it. Sid did. His first parent-client was enthusiastic, sent



Past Grand Regent "Sid" Marine

him others. Sid took the opportunity, burned all his bridges, cut off his connection with engineering and became out-and-out, for better or for worse, a tutor of boys and girls.

Well, one thing leads to another; success breeds success. And it wasn't long before Sid Marine found himself with a prosperous profession and a demand for his services that rose at periods beyond the capacity of his available time.

* * *

The reason—as you quickly discover from talking to parents whose offspring have come under the Marine influence—is that Sid is not just a tutor. He is rather a builder of young men and women. His job, as he sees it, is not to tell kids what, but to lead them to see how and why. Anyone can "cram" a boy or girl for an examination. But life isn't a series of examinations. Knowledge has to stick. More important, work-habits have got to last. And most important of all, character and outlook upon the world

formed in adolescence are going to endure throughout life.

So the Marine system (trust an engineer to organize both instinct and experience into an system) begins with a study of the boy or girl. He wins the confidence of his pupils easily, for he has a gift that way. With each one he is different: sympathetic, tough, gentle or jocular as the case demands, but always informal and always on the level. They like him and trust him.

Many boys and girls come to him, of course, for well-defined purposes: for college or Air Corps entrance exams, for instruction in specialized subjects, to catch up after illness or accident. . . .

Others come because they want to learn more efficient work-habits or because they are behind in school. With these, his first job is diagnosis—to find out why a kid needs help. And that is often very different from why his parents think he needs it. In a community like Scarsdale, with its extraordinarily good school system or with families able to send children to the best preparatory schools, the reason is rarely lack of equipment. It may lie in distracting influences, poor study habits, family attitude, or atmosphere, apprehension, lack of a sense of proportion—or any number of other causes. . . . Sid, who is remarkably well read in psychology, has his ways of finding these things out, and he directs the whole course of a kid's work to remedying underlying causes. Not that boys and girls don't get the subject-matters of their studies. They

do; but the long series of successfully-improved grades in school is due more to children's learning how (or why) to work than to their learning dates, facts or formulae.

* * *

I suspect from experience that Sid's work must nearly as often involve adjusting parents to their offspring as it does adjusting children to their schools. He talks straight and to the point, minces no words, yet shows so great a sympathy and friendliness that any parent—however well adjusted—gets about as much from a Marine tutoring assignment as his kid does.

Sid stands aces high with the schools. The Scarsdale school system calls on him frequently as a substitute teacher, knowing that his combination of unusual teaching aptitude with unusually broad knowledge and remarkable quickness to master a subject will fit in practically anywhere. Prep schools and colleges throughout the east know him by and for the results they see coming to them, and he has a growing, cordial correspondence with dozens of head masters and instructors.

Somebody said of a famous college president (I am ashamed to say I have forgotten who and of whom) that a university would consist of a fallen log in the woods with the educator sitting on one end and the pupil on the other. Scarsdale, it seems to me, might well boast that there are a lot worse universities than Sid Marine's desk in his Popham Hall apartment, with Sid's feet under it and a kid—any kid—in the chair at his side.

Robert Weed Cited by General Patton

Although an account of Lieut. Robert C. Weed's citation for bravery appeared in the last issue of *THE GEAR*, the accompanying photograph is especially worthy of publication. The picture shows Lieut. General George S. Patton decorating Lieut. Weed with the Silver Star that he received for gallantry in North Africa.

Lt. Weed, it will be remembered, served with the combat engineers during the North African campaign, and after leading a group of five volunteers through heavy firing to scout enemy positions near Kasserine Pass, killed two Germans and wounded several others. Weed routed a strong enemy patrol during the scouting expedition.

Brother Weed entered the army in June, 1942, following his graduation from the Michigan College of Mining, where he was affiliated with the Beta Chapter of Theta Tau, and Tau Nu Tau, honorary military fraternity.



Gen. Patton to Lt. Weed

Grand Scribe E. J. Schrader One of Seven Named to Mining Board

Grand Scribe Erich Schrader, Alpha '05, was appointed to the seven-man advisory mining board of the state of Nevada in April of this year.

Members of the board appointed by Governor E. P. Carville include P. A. Kiegel, Las Vegas; J. C. Kinnear, Ely; H. A. Johnson, Tonopah; Paul Gemmill, Pioche; William Donovan, Silver City; Fred Gray, Silver Peak; and E. J. Schrader, Reno.

Under the law creating the board and appropriating \$5000 for its operation during the next two years, mem-



Grand Scribe Schrader

bers will meet "immediately after their appointment" to select a chairman and secretary. The board also will decide on the place of its meetings.

The board is to study ways and means of furthering mining in the state, "especially small operations and prospecting"; study ways and means

of furthering exploration for and development of gas and oil resources, and to make its reports to the governor, Nevada's representatives in the national congress and the next legislature.

Sessions of the board are held at least once every two months.

Brig. Gen. LeMay Predicts Trend of War

Brig. Gen. Curtis E. LeMay, Sigma '28, commander of the U. S. heavy bombardment division predicted heavy damages to Nazi industry and a great loss of power on all German fronts in a recent dispatch from the U. S. Bombardment Headquarters in England.

"The winter holds no hope for Germany," the thirty-six year old veteran of a year of European air battles said in an interview. "By spring the Allies will have destroyed enough German

war industry that they cannot fight effectively any more.

"The enemy will be pounded frequently as strength is available. The more Flying Fortresses we have here the shorter the war is going to be. And the more fighters we have to protect the fortresses the smaller the losses will be."

Brother LeMay graduated from Ohio University in 1928 and joined the Air Corps a short time after graduation.

F. A. Davies Comments on Saudi Arabian Oil Activities

During a recent visit of Prince Faisal, second son of King Ibn Saud of Saudi Arabia, in San Francisco, Brother F. A. Davies, Alpha '16, President of California Arabian Standard Oil Company, stated that "considerable quantities of oil already are being produced for the United Nations' military activities" in the resumed activities of the company in the Middle East.

Close relations exist between the company and the Saudi Arabian monarchy, to which it is supplying not only oil but advice and other help.

Since the outbreak of war, there has been almost no disclosure on ac-

tivities in Arabia or in the adjoining Bahrein oil field, which oil developments have grown increasingly vital to war in the Middle East and in the Orient. Prior to cessation of comment, Calrabian, or Casco as it is now called, had developed a large oil structure at Damman Dome on the Persian Gulf coast of Arabia and reported other oil discoveries to the north in the direction of Iraq.

Conversations with the U. S. Government looking to a governmental interest were recently given semi-official acknowledgement in Washington, but were not commented upon in San Francisco. King Saud of Arabia

has been an allied sympathizer although technically his country is neutral.

Mr. Davies said that in connection with oil developments, his company is resuming a joint effort to further Arabian education and general welfare. Schools, hospitals, irrigation and agricultural training are part of the plan. He said a former California superintendent of schools will leave soon for Arabia to organize training

classes for oil workers. An American agronomist is being sent to Casco's Dhahran headquarters to establish gardens to help feed Casco's workers with an eye to exemplary work for Arabians as well.

"Prince Faisal shares his father's enthusiasm and interest in the development of Saudi Arabia and is very much in accord with the present and future plans," Mr. Davies said.

—*Wall Street Journal*

Nu Men Prominent in Tau Beta Pi Effort

The Tau Bates at Carnegie Tech have a custom of putting out one issue of the *Carnegie Technical*, the Engineering College Magazine.

Last year's issue might almost have been called a Theta Tau effort, nearly half of the material being supplied by H & T men. Theta Taus concerned

were O. Curtis Griffith, '42; Max L. Williams, '43; Wallace M. Beckstrom, '42; and Dr. Webster N. Jones, Honorary member, subject of a write-up. Maurice Shank, '42, Wallace Beckstrom, and Max Wilbauis were regularly on the *Technical* staff.

Ed Snyder, Beta '11, Highly Respected

It was the culmination of twenty-three years of research and operation initiated by the "Sparkplug"—Edward H. Snyder, Beta '11, that built the Castleton Mill of Combined Metal Reduction Company at Pioche—a definite mile post in the zinc industry, as described in *The Mining & Contracting Review* for October 31, 1941.

The years of development and operation required millions of dollars, and, as was revealed in the contract providing for the continuation of the operating agreement between Combined Metals and National Lead, the agreement hinged upon Snyder's continued participation in the management of operations. It violates no

confidence to say that this great responsibility and the potential effect upon stockholders in Combined Metals Reduction and Combined Metals, Incorporated of any possible termination of his connection with operations had as much as the willingness of National Lead to part company with Combined Metals to do with his moves to reorganize and refinance Combined Metals and pave the way for expansion of activities through a more centralized management.

Unfortunately too many reorganizations are accompanied by the destruction of the equities of "minority" stockholders, financial gain to "insiders" and directors appraised in ad-

vance of plans and negotiations having to do with transactions involving millions of dollars and the opportunity to "chisel" in the securities subject to rise or fall as a result of the consummation of new agreements and improved financial position.

Not so in the case of the Combined Metals reorganization, a negotiation dealing with eight million dollars and a potential new era in the zinc industry. First, although there was no evidence of the desire of any director of either Combined Metals Reduction or Combined Metals, Incorporated, to "chisel" (S. E. C. regulations can be circumvented), it was Snyder's insistence upon honest procedure that guaranteed just that kind of action and behavior. Next, the interests of the patient stockholders of original Combined Metals, Incorporated, must be protected or "no deal."

The directors of National Lead acted in kind, and outside mining ex-

ecutives who were conscious of what was transpiring proved themselves to be men of honor. It is obvious that there were a few who could have selfishly prevented the reorganization.

Again, the strong new financial control—the identity of which will be revealed at the proper time—an independent control, completed the financial transaction upon the findings of a mining engineer of the highest reputation as to integrity and ability—also to be named in due time.

This refreshing picture of individual and corporate integrity and trustworthiness of attitude and action is a healthy sign which stands out like a sore thumb in the current panorama of government, corporate, and individual forgetfulness of the principles of common decency.

Ed was a delegate to the Beta Chapter of Theta Tau to the first Convention, and it was he who designed the badge of Theta Tau.

Air Mail Anniversary

A few months ago Torey H. Webb, Theta '17, Los Angeles oil company executive, celebrated the twenty-fifth anniversary of the historic flight of the first air-mail plane of which he was pilot. Webb, then an Army lieutenant, flew a Curtiss "H" biplane.

Cheering crowds at Belmont Park, Long Island, New York, witnessed the historic takeoff for Washington, D. C. on May 15, 1918, at 11:40 a. m. Simultaneously a plane piloted by Lt. George L. Boyle took off from Pottomac Park, Washington, D. C., for New York.

"A faulty propeller, however,

brought Boyle down at Waldorf, Md., just 35 miles from the starting point. The Washington mail went on to New York by train," Webb said.

"In the south-bound plane I managed to arrive without mishap in Philadelphia, the first stop on the 218 mile run, 80 minutes later. Here Lieut. James S. Edgerton transferred the 350 pounds of mail to another plane and completed the flight to Washington."

Lieut. Comdr. Fred Brossy, senior member of the Naval Aviation Cadet Selection Board was among those congratulating Webb on his anniversary.

E. B. Luke Recently Promoted

Edward Bryant Luke, Rho '42, who graduated in general engineering May 9, 1942, and entered the Army Air Corps in June, 1942, as a second lieutenant, recently was promoted to first lieutenant. He is located somewhere in the South Pacific.

Brother Luke's home is in Goldsboro, North Carolina. He attended the North Carolina State College of Agriculture and Engineering, graduating in 1942. He was a member of Tau Beta Pi, Pine Burr, the General Engineering Society, and Rho Chapter of Theta Tau. He took R. O. T. C. four years and was a captain his senior year.



S. M. Moos New Manager for Mexican Branch Company

Stanley M. Moos, Chi '37, Eastern Manager for the Denver Equipment Company for the past two years, has been appointed General Manager of Denver Equipment Company, S. A. This new organization will bring DECO Products and Service to the various mines and industries in Mexico. Offices are located in Edificio Jalisco, Calle Ejido, No. 7, Mexico, D. F.

Denver Equipment Company, S. A., will expand its engineering and ore testing facilities in Mexico. Service to the various mines will be increased to include regular service calls by an experienced DECO Field Engineer. Arrangements have already been made to manufacture wearing parts for Denver "Sub-A" Flotation Machines, Ball Mills, Crushers, and Pumps, in

order to speed replacements for units now operating in the country.

Brother Moos is mining and metallurgical engineer, having graduated from the College of Mines, University of Arizona. He has had practical experience in the mines and mills of various mining companies in the Western United States and wide field experience throughout the United States. He has been associated with Denver Equipment Company since 1938. During 1941 he was a Consultant in Nicaragua, Salvador, and Honduras. This contact with Latin America stimulated his desire to become actively engaged in Mexico and Central America. Brother Moos was also a Consultant on mining equipment to the Mining Equipment Division of the War Production Board.

L. C. Williams, Rho '42, Promoted to First Lieutenant

Lonnie C. Williams, Rho '42, who has been in overseas service since last August, has been promoted to first lieutenant in the Army Engineer Corps. He entered active service in July of 1942 as a second lieutenant, and before being sent into the Atlantic theatre of war was stationed at Fort Belvoir, Va., and Fort Devens, Mass.

Lt. Williams graduated in civil engineering from the North Carolina State College of Agriculture and Engineering. He was a member of Rho Chapter of Theta Tau, Officers' Club, American Society of Civil Engineers, which he headed as president during his senior year, and the Order of St. Pat. He served on the Engineers Council and spent four years in R. O. T. C.

Former Engineering Professor Captured in Bataan Battle

Outstanding among the instructors who have gone into the armed services from Arizona is Harold A. Jimereson, Zeta '26, mechanical engineering professor, who fought under General MacArthur in the defense of Bataan and is now a Japanese prisoner somewhere in the Philippines.

Brother Jimereson began as an instructor at Arizona in the fall of '26 after graduating from Kansas University with a B.S. in mechanical engineering and a reserve commission in the Coast Artillery, taught engineering drawing, descriptive geometry, mechanisms, steam air and gas, and junior design. A popular, young professor, Jimereson was active in engineering functions, an adviser in Theta

Tau, and was known as "Jimmy" around the college.

By going to summer camps he kept up his reserve commission and in June '41 was called to active duty with the rank of captain. Within three months he was ordered to the Philippine Islands, leaving behind his wife and two young children. It is from his letters to his wife that the rather unconnected and censored account of his part in this historical battle can be pieced together.

In the Philippines Captain Jimereson was stationed at Fort Wint, an island fort in Subic Bay, where he was artillery engineer and ordinance officer on the post staff.

Jimereson saw plenty of action on

Bataan, more than he could write about. He was in the battle of Subic Bay when the American artillery destroyed large enemy elements with deadly accurate shelling. Although he probably never got the chance, he wrote that he would like to go back sometime and see what destruction they did, which according to the newspaper accounts was nothing short of terrific.

On one narrow escape he writes, "I was driving my '38 Plymouth getting supplies . . . dodging bombs and artillery fire . . . I laid in the road ditch about two feet deep when all hell broke loose. About eighteen hundred-pound bombs fell within 200 yards. One fell about 20 feet away at the edge of a creek. I got my back covered

with mud. The car had two holes in it, one in the door, and another through the hood which tore up the radiator. The bombs started a fire in 500 drums of gasoline nearby . . . I drove to the next town and commandeered another car . . ."

His last letter was written on March 6, 1942, sent out by submarine, picked up by a freighter which was later sunk, but the mail bag remained floating and was picked up and delivered to the states. Mrs. Jimerson received official notice on June 16 from the War Department that her husband was missing in action but it wasn't until last December 12 that she received a telegram notifying her that he was a Japanese prisoner of war.

Director of Purchases, State of North Carolina

Wilmer Zadock Betts, Rho '18, is director of the Division of Purchase and Contract of the State of North Carolina. He was appointed to his present position on September 1, 1941, by Governor Broughton.

In announcing this appointment the Governor stated: "Wilmer Z. Betts was appointed as purchasing agent of the State Highway and Public Works Commission by the late Frank Page, chairman of that Commission, on October 1, 1923, and has served continuously in that position since that date. He has filled that position during the term of five highway commission chairmen and during the administration of five governors. Purchases by that department during the 18 years in which he has served have amounted to more than \$100,000,000. His record has been highly praised by the



Purchaser W. Z. Betts

highway chairmen and governors under whom he has served, and he has every qualification for this highly responsible position. Mr. Betts and I have been personal friends since boyhood, and I have every confidence in his ability and integrity."

Wilmer Betts accepted the responsibility of trying to get the members of the class of 1918 together for a Silver Anniversary reunion. That he and his co-workers did an excellent job was the unanimous opinion of all.

After graduation in June, 1918, with a B.S. in Civil Engineering, Brother Betts worked with the U. S. Coast and Geodetic Survey until October, 1918, when he became designing engineer for the U. S. Tank Camp, Camp Polk, Raleigh. He served in this capacity until May 15, 1919. He was bridge designer and bridge maintenance engineer for the State Highway Commission of North Carolina from May 15, 1919, to October 1, 1923,

when he was appointed as purchasing agent of the State Highway Commission.

Brother Betts married Miss Elizabeth Moultrie Drake, and they have two children. Their son, Wilmer C. Betts, is 17 years old and enrolled in the pre-med class of the U. S. Naval Reserve class V-1, at Duke University in Durham, N. C. Their daughter, Betty Betts, is 15 years old and is a member of the junior class at Needham Broughton High School in Raleigh.

Brother Betts is past secretary of the Lions Club of Raleigh, past secretary of Carolinas-Virginia Purchasing Agents' Association, and a member of the National Association of Purchasing Agents. He is a member of the First Baptist Church of Raleigh, Delta Sigma Phi fraternity, and Rho Chapter of Theta Tau.

He has just been elected President of the Class of 1918.

ENR Editor Bowman on Mission Overseas

(From June 17, issue of ENR pp. 53)

Readers of *Engineering News-Record* have been much interested in a series of articles by Waldo G. Bowman, Zeta '23, Editor of that magazine, now inspecting the work of American engineers abroad. Military construction from the British Isles to the Near East has been observed and vividly described by Brother Bowman.

Brother Bowman, who travelled as a war correspondent, also engaged in a special mission concerned with Army and Navy Civil Engineering activities. He obtained material for a series of articles on military engineering and construction work abroad. In addition he will prepare some special re-

ports on reconstruction and postwar planning developments in Great Britain.

Engaged in observation and interpretation of engineering practice in United States for the last 18 years, Brother Bowman is specially qualified to report on foreign activities in which so many American engineers and contractors now are participating. A graduate of the University of Kansas in 1923, he began his engineering career with the Chicago Bridge & Iron Co. as a draftsman and structural designer. He joined the staff of *Engineering News-Record* in 1925 as an assistant editor and became chief editor in 1940.

Heads Vast U. S. Army Job

Up in the northwest reaches of the United States, Maj. Arthur C. Nauman, Kappa '34, is engineer for the Spokane, Washington, area of the Seattle Engineer district. He supervises a military construction program ranging from an air depot to \$4,000,-000 army hospitals.

The Spokane area is one of the greatest concentrations of War department construction in the country; with more than 80 civilian contracting firms, over 100 projects are under

Nauman's direction—and Major Nauman is one of the youngest engineers in that district.

Studying civil engineering at the University of Illinois, he took his B.S. in 1934 and joined the American Radiator company as a designer of heating systems. He was a civil engineer for the U. S. Waterways Experiment station, Vicksburg, Miss., before going on active duty with the Army. His home is in Chicago.

—Ill. Alumni News

Soldier's Medal to W. E. Bryant

First Lt. Wilbur E. Bryant, Rho '42, of Wilmington, was awarded the Soldier's Medal by Gen. Lewis H. Breton, Commander of the Ninth U. S. Air Force, for heroism on April 1 at the scene of an airplane crash in the

western African desert. A heavy bomber loaded with depth charges crashed and burst into flames. Bryant entered the blazing wreckage and removed the pilot to safety.

Letters to the Editors

150 Wallace Drive
Grand Island, N. Y.
Sept. 23, 1943

Gentlemen:

Please change my mailing address to that shown above. I would appreciate receiving THE GEAR again and to know by means of it what my brothers of Tau chapter are doing. I am now a licensed professional Engineer in the State of New York and am employed as Chief Engineer at the Dobbie Foundry and Machine Co., Niagara Falls, New York. Our work consists of designing, estimating and fabricating derricks, hoists and excavating machinery. I am giving you the above information that it might be added to any alumni news from Tau chapter in your next issue if you care to use it.

Yours sincerely in H & T,
ROBERT FLOYD

Thanks for the news, Brother Floyd.
We hope THE GEAR can continue to reach you.

2121 Westminister Ave.
Alhambra, California
September 8, 1943

Dear Brother Howe:

Fortunately for me, the report in the spring issue of THE GEAR is not true. I am referring to the report that I was missing in action in the South Pacific.

I was very much surprised to see this report and am curious as to the origin. I would appreciate your advising me if you have the time.

I am still employed in the Los Angeles area as an Instrument and Automatic Control Engineer and although I have wished several times that I could be overseas and see some action, my company and draft board have kept me at my present work.

With best personal regards I remain
Yours in H & T,

BOB GRANT, Epsilon '38

Congratulations on so easily escaping the predicament THE GEAR placed

you in, Brother Grant. It is impossible to trace the source of our information but we suppose that some of our western correspondents saw the news concerning another man bearing your name—possibly even an alumnus of the University of California.

United States Navy
September 23, 1943

Dear Brother Howe:

I've been here at Lakehurst a little over a year and have been doing work in connection with the maintenance of the station. The actual work is done by a civilian force of about 150 men, with three officers supervising (and getting in the way). Last New Year's Day, Vic Koelzer, Zeta '37, was sent here, and we are both on maintenance work. It certainly was a coincidence that he would be sent here after we had roomed together at school when you think of all the other places he could have been sent.

From my brother's letter it looks as if Iowa has changed considerably since I last saw it. Perhaps it will be back to normal soon so you fellows can get your regular three-month vacation.

Please give my regards to all the boys.

Yours in H & T,
ED BURMAN

The fortunes of war dealt you a good hand when they brought your old roommate back, but we suppose you don't get as much sleep with Vic there to keep an eye on. The crack about a three-month vacation is forgiven. We had one once—during the depression—but it's more fun to eat regularly!

Marsh Foundation School
Van Wert, Ohio
May 13, 1943

Dear Sirs:

My husband's GEAR just arrived and I shall send it on to him in the army. Would you please change his address from 236 N. Walnut Ave., Van Wert, Ohio, to Woodburn, Indiana.

At the present time he is at the southern terminus of the Alaska Highway. Fortunately, he was selected as one of the first group of soldiers who were sent to Dawson Creek, British Columbia, Canada, to break ground

for the first camp on Canadian soil. They arrived at Dawson Creek last March 9 (1942) and when I say broke ground—I mean literally just that—for the thermometer read 31° below zero.

He is in the Quartermaster Corps and his work is receiving supplies that come in by rail from the south and transferring them to trucks to go "up the road".

Haven't you some engineer on the "Road" who might write an article for THE GEAR? We find that it is a subject everyone is interested in.

Very truly yours,
KAY MOSER
(Mrs. Norman R. Moser)

Thanks to Mrs. Moser for preserving a contact and for news of her husband. May we suggest that one Norman Moser would be a likely candidate for an article on the "Road"?

1300 Strawn Ave.
New Kensington, Penn.
May 20, 1943

Dear Brothers:

Since you have last heard from me I have changed both job and industry. I am now plant metallographist at the New Kensington Plant of the Aluminum Company of America. Other brothers in the Metallurgical Division at this plant are T. I. McClintock, and L. K. Jetter, both from Nu Chapter.

So far my copies of THE GEAR have always been forwarded, but it's about time I gave you my correct address so that I don't miss any copies.

Yours in H & T,
JOHN E. HATCH, Nu '36

Thanks for writing. THE GEAR won't be quite so stale when you get it this time.

3024½ Myrtle
Omaha, Nebraska
August 1, 1943

Dear Brother Howe:

I apologize for not making this a real letter, but I am afraid I'll miss an issue of THE GEAR if I don't at least give you my address.

When I left Alpha at the end of last quarter, things, I'm afraid, looked rather dark in spite of the spirit and ability of the boys. This situation, I'm sure, is being faced by all the chapters. I hope to learn more of how all the chapters are coming when I read the next GEAR. I do hope, however, that all the present Actives realize how vital it is that

they do everything in their power to keep each Chapter on its feet as long as possible.

I am now working at the Glenn L. Martin Nebraska Bomber Plant, and wonder if you know of any other Theta Tau's here.

Yours in H & T,

BILL BOYUM, Alpha '43

This issue should give you a picture of the effect of the war on the Chapters. We have, of course, expected it would be bad.

Fleet P O USS L Sc 74
New York, New York
Aug. 5, 1943

Dear Brothers:

Came home on leave and I was disappointed to find no GEAR around. Will you send a couple of the future copies to my home address?

I have sort of been wondering just where the H & T's are in the service,—in fact, I haven't found too many engineers in the Navy. I did see Frank Hovey, Beta '44, down in Miami; Frank is in the Army Air Corps and is having a lot of fun.

Well, enough for now and on to my "job".

Sincerely in H & T,

ED KUBILINS, Beta '42
Ensign, USNR

THE GEAR will be waiting when you return on your next furlough, Brother Kubilins. Statistically speaking, however, your chances of encountering H & T men are slim at best—maybe about 1 in 2000.

Edmond Meany Hotel
Seattle, Washington
July 28, 1943

Dear Brother Howe:

I received your note today stating that my spring issue of THE GEAR had been returned because I was not living at the last address provided you. For a permanent address you may use that of my father, Earl McGarvie, DeSmet, South Dakota.

I do not seem to stay in one place very long. I am still working for Wright Aeronautical Corp., Paterson, New Jersey. I am employed in the service division and work out of the Los Angeles office. I spent about 2 months in Rapid City, S. Dakota, contacting the AAF activities there. This gave me an opportunity to visit the brothers at Omega and to be present at their spring initiation.

Soon I will be on the go again—I'm going to Great Falls, Montana, and expect to be there during August and then back to Paterson, N. J., for a month. I expect to return here about the first of October.

Several Theta Taus live in the Seattle vicinity and we get together often. We had a picnic the 4th of July.

I might add that I have read most of the spring issue of THE GEAR—I received a copy from Omega Chapter when I visited there this spring. It was up to its usual high standard.

Best regards to you and Brother Mercer.

In H & T,

DON MCGARVIE, Omega '42

"A rolling stone may gather no moss, but it may acquire a high polish." We might add, that it may also keep in touch with a lot of Theta Taus.

Below is a copy of a letter received from A. D. Wilcox, Epsilon '11, reported deceased in the last GEAR and in the Epsilon alumni letter.

Erich Schrader

840 N. Summer St.
Salem, Oregon
May 26, 1943

Mr. E. J. Schrader

P. O. Box 244

Reno, Nevada

Dear Brother:

I have your letter of May 23rd requesting information for Theta Tau.

I graduated in mining with my class from the University of California in 1911 and immediately went to Goldfield, Nevada, where I was employed as a surveyor in the office of Goldfield Consolidated Mines Co. In August of 1913 I was taken ill with infantile paralysis and was moved to Lane Hospital in San Francisco. I failed to make the complete recovery that the doctors and I had expected and was not able to return to Goldfield or to mining work.

In 1917 I moved to Salem, Oregon, and took up newspaper work. I worked as Salem Agent and representative of the Oregon Journal Publishing Co. of Portland from 1917 until 1940. I am now looking after personal business interests. I have kept up an interest in mining but have not done any active work.

I appreciated hearing of Frank Hudson, George D. Smith, and others for they all

called on me many times while I was in Lane Hospital.

Sincerely yours,

A. D. WILCOX

Editor's Note: Brother Wilcox is the second Theta Tau to escape an untimely end at the hands of the Spring GEAR. Congratulations on our being wrong, Brother Wilcox!

U. S. Naval Air Station
Glenview, Illinois
July 27, 1943

Dear GEAR:

Yes, I should have sent on my new address to you. Although my present one will not be of long standing it will be permanent enough to forward me the GEAR.

The last 1½ years have not been too orderly for my affairs. After spending nine years flying for United Air Lines, I've covered most of North America and had a good tour of Alaska.

At present I feel like a fish out of water. For the past year I've been the Supt. of Aviation Training at this station. That's a helluva title to hang on one's door at any time. This place is one of the big primary flight training stations for the Navy. All training activities and flight operations come under my department.

Thanks for the note—and in a hurry as usual.

Yours in H & T,
"Gus" I. E. SOMMERMEYER
Lt. Comdr. USNR

P.S. In the future I would suggest my family's home address.

c/o E. C. Sommermeyer, Marietta, Minn.

We will send THE GEAR to your home, Brother Sommermeyer—and hope that you may find time to read parts of it.

1406 Dexter Horton Bldg.
Seattle, Washington

Gentlemen:

I wish to advise that my new address is 1313 Sunset Boulevard, Seattle, Washington.

I am at the present time an Engineering Representative of the Bell Aircraft Corporation coordinating engineering work on the B-20 Bomber Program. Our new plant at Atlanta, Georgia, is in the process of manufacturing these Bombers on which the Boeing Aircraft Company here in Seattle has performed the engineering. The work is intensely interesting, because of the contacts that we make. The Boeing-Renton and Boeing-

Wichita Divisions, as well as Fisher Body of Detroit, Michigan, are also manufacturing this Bomber, which, I am sure, will play a great part in the winning of the war.

I regret that I have not informed you sooner of my change in address.

Yours very truly,

W. W. BETTS

Thanks for locating yourself, Brother Betts. We agree that those bombers will have a lot to do with winning the war. Though he probably would not admit it, so does Herr Meyer (nee Goëring).

1313 Big Bend Blvd.
Richmond Heights, Mo.
May 23, 1943

Dear Brothers:

Please send my copies of THE GEAR to my home address, given above.

Since my graduation the latter part of January I have been working for the Republic Mining and Mfg. Co. down here in Arkansas. However, after five months of civilian life I'm more than ready to go into the United States Naval Reserve in three or four weeks and take whatever training they see fit to give me, possibly Radar.

I paid a visit to my alma mater, Missouri School of Mines, in April and it looks as if Iota will have to carry on after this semester with a mere skeleton membership. The remaining members are the type that will keep Theta Tau on top, however.

Best wishes to ye old editors for their fine job.

In H & T,
R. KENT COMANN, Iota '43

Another thing about the service, Brother Comann—you don't have to eat in restaurants!

A. P. O. 634
New York, N. Y.
October 5, 1943

Dear Prof. Howe:

Here is hoping good old Theta Tau will pull through and come out on top. We all hope this war will be over one of these days and we may return to normal conditions again.

Just to add a personal message, I will begin by saying I am now in England. I've spent a few days in London and various other places one of which was in a castle. We have noticed several of them from the air and have wondered what they were like inside. It was a real treat. To date I haven't seen all the places in London which I hope to see before

this is over; however, I have seen Buckingham Palace, Hyde Park, and have walked past No. 10 Downing St., the Tower of London, and London Bridge. We Navigators see a great deal of England and believe we have seen more than most of the people living here have.

A few days ago orders came through promoting me to a Captain; I feel quite honored to receive it, and will do my best to merit it.

Keep up the Home Front and we will do our best over here to wind this thing up. Here's hoping you make out O.K. out at the house.

MAYNARD D. DIX, Omicron '39

Congratulations, Captain! We are proud of the job you are doing there and hope we on the Home Front will do everything in our power to back you up.

6120 Ellis Ave.
Chicago, 37, Ill.
October 24, 1943

Dear Brother Howe:

I wish to notify you of my new mailing address which is given above. Since July I have been employed as Research Assistant in the Metallurgical Laboratory at the University of Chicago.

For your convenience—I believe you had my former mailing address as Department of Metallurgical Engineering, Lehigh University, Bethlehem, Pennsylvania.

I have thoroughly enjoyed all issues of THE GEAR and am anxiously awaiting the Fall issue.

Yours in H & T,

JAMES H. McMAHON, '42

For that last sentence, Brother Mahon, we will follow where ever you may go!

Additions to Membership

ALPHA

- 465 Vernon Loyal Pederson, Montevideo, Minn.
- 466 Alf Thorvald E. Swanson, Two Harbors, Minn.
- 467 Jerome J. Schwab, St. Paul, Minn.
- 468 Donald Edwin Brand, Oshkosh, Wis.

BETA

- 540 Robert James Baird, Flint, Mich.
- 541 Charles Douglas Cronenworth, Detroit, Mich.
- 542 James Heath Cole, Holly, Mich.
- 543 Arthur Albert Dorf, Allouez, Mich.
- 544 Robert Steven Kestner, Houghton, Mich.
- 545 Richard Charles Johnson, De Smet, S. D.
- 546 Richard S. MacGregor, Pontiac, Mich.
- 547 Frank James Ward, Munising, Mich.
- 548 George McMillan Couillard, Grosse Pte., Mich.
- 549 Wm. H. Edwards, Battle Creek, Mich.
- 550 Murde Mackenzie Hutchison, Kenmore, N. Y.
- 551 Harold Freeman Peterson, Batavia, Ill.
- 552 Richard E. Shubert, Detroit, Mich.
- 553 William Clarence Turnbull, Hamilton, Ohio
- 554 Louis Ward LaForais, III, Republic, Mich.
- 555 Edward Leon Peplin, Lakewood, Ohio
- 556 Bernard Patrick Weber, Kingsford, Mich.
- 557 Robert Warren Whitney, Royal Oak, Mich.
- 558 Richard Junior Alkema, Muskegon, Mich.
- 559 John Paul Finucan, Grand Marais, Mich.
- 560 Elbert Gerald Keller, Eustis, Nebraska

GAMMA

- 606 Richard Franklin Zimmerly, Paris, Ill.
- 607 James Thomas McDonald, LaGrange, Ill.
- 608 Charles William Campbell, Denver, Colo.
- 609 John Jay Wanner, Rock Springs, Wyo.
- 610 Sidney McClellan, Glenwood, Colo.
- 611 Robert Fitzpatrick, Fruito, Colo.
- 612 Donald Lee Cedarblade, Denver, Colo.
- 613 Frank Albert Morgan, Jr., Los Angeles, Calif.
- 614 Vernon Gras, Rock Springs, Wyo.
- 615 Ben Hammill King, Jr., Denver, Colo.
- 616 John Dasovich, Rock Springs, Wyo.
- 617 Carl M. Croakman, Akron, Ohio
- 618 Thomas Bayley Stevens, Denver, Colo.
- 619 Bernard Joe Ferris, Lakewood, Colo.
- 620 Robt. Lee Magnie
- 621 Joseph Richard Switzer, Denver, Colo.
- 622 Robert Dudley Locke, Debeque, Colo.
- 623 Clyde Vernon Johnson, Lodi, Calif.
- 624 Thomas Walter Brown, Chattanooga, Tenn.
- 625 James Andrew DeLapp, Denver, Colo.
- 626 Thomas Charles Hedlund, Hugo, Colo.
- 627 William Joseph Geary, Lockport, N. Y.
- 628 Robert Lee Magnie, Frederick, Colo.

DELTA

- 508 Harold Bruce Baty, Buffalo, N. Y.
- 509 William Theodore Higgs, Bedford, Ohio
- 510 John Mitchel Limbeson, Cleveland, Ohio
- 511 Melvin Stanley Rubin, Cleveland, Ohio
- 512 Harry Edward Schultz, Youngstown, Ohio
- 513 Glenn Warren Snow, Cleveland, Ohio
- 514 Ted Floyd Stirgwalt, Cleveland, Ohio

- 515 Joseph Vandan Vermillion, East Cleveland, Ohio
 516 Stephen Samuel Werkman, Toledo, Ohio
 517 Jack Martin Young, Cleveland, Ohio
 518 Charles Wendell Clark, Cleveland, Ohio
 519 John Ruhland Crampton, Lakewood, Ohio
 520 Raymond Stephen Gurnick, Cleveland, Ohio
 521 James Robert Jeromson, Jr., Cleveland Heights, Ohio
 522 Harry Hill Landon, Jr., Cleveland, Ohio
 523 Arthur Pearson Leary, Drexel Hill, Pa.
 524 Francis Wynne Neville, Cleveland, Ohio
 525 William Card Nusbaum, Columbus, Ohio
 526 Morris Sable, Cleveland, Ohio
 527 William Wayne Shaw, Columbus, Ohio
 528 Milton Frank Weise, University Heights, Ohio

EPSILON

- 543 William Edward Bush, San Francisco, Calif.
 544 Charles Goodwill, Rochester, N. Y.
 545 Stanley Albin Young, Oakland, Calif.
 546 Stephen William Shutt, Oxnard, Calif.
 547 Philip Bradshaw Dettmer, Ione, Calif.
 548 Frank Melton Hansen, Eureka, Calif.
 549 David Burton Slemmons, Oakland, Calif.
 550 John DeMoss Kniveton, San Francisco, Calif.
 551 James Kent Luce, San Diego, Calif.
 552 William Arthur MacDonald, Worland, Wyo.
 553 William Robert Forde, San Anselmo, Calif.
 554 Thomas Edwards Gay, Jr., Berkeley, Calif.
 555 Charles Sterling Pratt, Denair, Calif.
 556 Carlos Vasquez, Bogota, Colombia
 557 Hernando Quijano, Jr., Bogota, Colombia

ZETA

- 454 Francis William VanBenthem, Atchison, Kansas.
 455 Charles William Rohler, Ellis, Kansas
 456 James Gault Jacobs, Jr., Mankato, Kans.
 457 Kenneth Dale Murphy, Independence, Kansas
 458 Clair Lee Sommers, Elksworth, Kansas
 459 Orvie Herman Hempler, Phillipsburg, Kansas
 460 Harold Lee Nelson, Larned, Kansas
 461 Charles Jay Bliss, Perry, Kansas
 462 John Oldham Pfouts, Lawrence, Kansas
 463 Eldon Richard Todd, Lawrence, Kansas
 464 John Young Waugh, Eskridge, Kansas
 465 Ralph Waldo May, Oskaloosa, Kansas
 466 Frank Edwin Sims, Baxter Springs, Kans.
 467 J. Bertram Ladd, Wichita, Kansas
 468 Jack Norman White, Lawrence, Kansas
 469 Morris Eugene Borene, St. Joseph, Mo.

- 470 Dean F. Smalley, Neodesha, Kansas
 471 Warren Dudley Hanstine, Wichita, Kan.
 472 Wallace Pennington, Parsons, Kansas
 473 Joe R. Beeler, Jewell, Kansas
 474 Forest Robert Kenny, Burrton, Kansas
 475 Duane A. Hunt, Crisfield, Kansas
 476 Harold Arthur Cunningham, Kansas City, Kansas
 477 Lawrence Ray Smith, Hoisington, Kansas
 478 Donald Cousins, Washington, D. C.
 479 Don Rankin Learned, Belmont, Mass.

THETA

- 366 Albert Lloyd Kitchin, Clifton, N. J.
 367 Robert Justin Roman, Bayside, N. Y.
 368 John Babcock Kirkland, Leonia, N. J.
 369 Vojtech Frank Muska, Belcamp, Md.
 370 Michel Jean Gudefin, Scarsdale, N. Y.
 371 Harry William Fritts, Erie, Penna.
 372 James Edward Ferguson, St. Louis, Mo.

IOTA

- 475 Harold Godfrey Butzer, Jefferson City, Mo.
 476 James Donald Dowd, Leadwood, Mo.
 477 Carl E. Finley, Lamar, Missouri
 478 James Franklin Fraser, Bolckow, Mo.
 479 Louis Ambrose Hartcorn, Catham, N. Y.
 480 Paul John Hennekes, St. Louis, Mo.
 481 William Douglas Hicks, Cuba, Mo.
 482 Robert Wesley Jamison, Sterling, Ill.
 483 Joe Evan Jenkins, Maquoketa, Iowa
 484 Melvin Fred Kallmeyer, St. Louis, Mo.
 485 Jose George McClinton, St. Louis, Mo.
 486 James Joseph Gilvary McGovern, St. Louis, Mo.
 487 Robert Lewis Ray, Maplewood, Mo.
 488 Sanford Lawrence Simons, Long Island, N. Y.
 489 James Wilson Snider, Richmond Hts., Mo.

LAMBDA

- 485 Edward Patrick Deason, Salt Lake City, Utah
 486 Boyd Holden Farr, Arimo, Idaho
 487 Paul Lorenzo Hood, Salt Lake City, Utah
 488 Jens J. Jonsson, American Fork, Utah
 489 Preston Dee Linford, Ogden, Utah
 490 Harry Dodge Moulton, Jr., Salt Lake City, Utah
 491 John Parker Newton, Jr., Salt Lake City, Utah
 492 Harold Argyle Redd, Blonding, Utah
 493 Joseph Eugene Russon, Salt Lake City, Utah
 494 Allan Romney Sloan, Salt Lake City, Utah
 495 Leland Clair Williamson, Ogden, Utah
 496 G. Lael Carter, Park Valley, Utah
 497 Hal W. Christensen, Salt Lake City, Utah
 498 Roy Irving Crask, Salt Lake City, Utah
 499 LeRoy Junior Davis, Fairbanks, Alaska

- 500 Oren Arthur Nelson, Idaho Falls, Idaho
 501 Leland Wayne Redd, Blanding, Utah
 502 Charles Seal Reed, Salt Lake City, Utah
 503 Frank K. Root, Holladay, Utah
 504 Virgil F. Ostler, Salt Lake City, Utah
 505 Richard Horne Smith, Salt Lake City, Utah
 506 Bruce Stephen Benedict, Salt Lake City, Utah
 507 George William Burton, Salt Lake City, Utah
 508 Daniel William Drumiler, Ogden, Utah
 509 Budd H. Ensign, Salt Lake City, Utah
 510 George Harmer Holdaway, Salt Lake City, Utah
 511 Arnold B. Johnson, Salt Lake City, Utah
 512 Curtis Whitney Jones, Blanding, Utah
 513 Leland Howard Jorgensen, Salt Lake City, Utah
 514 Leon Miller, Kaysville, Utah
 515 Grant Robert Murdoch, Salt Lake City, Utah
 516 Ira Eugene Overfelt, Gunnison, Utah
 517 Paul Melvin Shipley, Beverly Hills, Cal.
 518 Earl C. Watson, Salt Lake City, Utah

MU

- 317 George Arthur Finkbeiner, Buffalo, N. Y.
 318 Edward Alexander Lyle, Signal Mountain, Tenn.
 319 Fred Sleyden McFarland, Birmingham, Ala.
 320 Felix Ray Moss, Birmingham, Ala.
 321 Harold Murphy Owen, Tuscaloosa, Ala.
 322 James Vell Rives, Jr., Birmingham, Ala.
 323 Roy Neel Sanders, Fort Worth, Texas
 324 William Marion Sanders, Fort Worth, Texas
 325 William Hampton Sawyer, New Brockton, Ala.
 326 John Michael Slosar, Cleveland, Ohio
 327 Robert Neal Whitehurst, Abbeville, Ala.
 328
 329 David Williams Crockett, Shelbyville, Mo.
 330 Edward William Starkey, Canton, Ohio
 331
 332 James Toliver Sawyer, New Brockton, Ala.
 333 Harold Robert Kirby, Cicero, Illinois
 334 Charles Warren Ross, Florence, Ala.
 335 Jack Minter Bean, Birmingham 7, Ala.
 336 Glen Luman Allen, Jr., Tuscaloosa, Ala.
 337 Frank Earl Deems, Birmingham, Ala.
 338 William Wilson Crow, Birmingham, Ala.
 339 Larrie Wadsworth Yarbrough, Montgomery, Ala.
 340 Kenneth George Ackerman, Berwyn, Ill.
 341 Laurence Earl Beamon, Fayette, Mo.
 342 Warren Gray Keith, Marshall, Minn.
 343 George Eugene Dailey, Jr., West Blocton, Ala.
 344 James William Elliott, Jasper, Ala.

- 345 Clarence Clark Fuller, Tampa, Florida
 346 William Wesley, Elba, Ala.
 347 John Powell Hynds, Birmingham, Ala.
 348 Joseph Russell LeRoy, Montgomery, Ala.
 349 Richard Alwin Morse, Beverly, Mass.
 350 George Ira Perryman, Jr., Montgomery, Ala.
 351 Charles Allen Sipe, Jr., Bedford, Penn.
 352 Frank Goodloe Tompkins, Tuscumbia, Ala.
 353 Stanley Forbes Wilson, Lake Kusahaqua, N. Y.
 354 Peter Michael Wisneski, Rockford, Ill.
 355 Dan Allan Young, Grand Island, N. Y.
 356 Vasso Chronis, Birmingham, Ala.
 357 Paul Comisarow, Philadelphia, Pa.
 358 Michael Ditoro, Pittston, Pa.
 359 James Lowell Edmondson, Hanceville, Ala.
 360 James Francis Hegenwald, Jr., Memphis, Tenn.
 361 George Anthony Kachickas, White Plains, N. Y.
 362 Ramon John Kally, Butler, N. J.
 363 William Michael Murphy, Philadelphia, Pa.
 364 Hiram Dewey Parker, Jr., Palmyra, Ala.
 365 Joseph Augustine Ready, Lake Luzerne, N. Y.
 366 James Anthony Sims, Jr., Renfro, Ala.
 367 Frank Taylor Weems, Birmingham, Ala.
 368 Clarence Joseph Wendel, Hintington Station, L. L., N. Y.

NU

- 376 Henry Robert Rosenblum, Youngstown, Ohio
 377 Mannis Provost Neumann, New York
 378 John Adolph Glass, Sharpsburg, Pa.
 379 Frank Marse Ferrel, Jr., Catham, Va.
 380 William Gordon Emerson, Jr., Pittsburgh, Pa.
 381 Joseph Parke Franz, Jr., West Bridge-water, Pa.
 382 Edward George Kondas, Munhall, Pa.
 383 William Charles Leone, Pittsburgh, Pa.
 384 Paul Robert Ford, Homestead, Pa.
 385 Daniel Lewis Schacher, New York, N. Y.
 386 George Negley Reed, Oil City, Pa.
 387 Howard Bernard Kutner, New Rochelle, N. Y.
 388 John Webster Riggle, Alexandria, Va.
 389 George Asaff Rahall, Beckley, W. Va.
 390 Paul Peter Gibian, Pittsburgh, Pa.
 391 William Manley King, Lockport, N. Y.
 392 Francis Edmund Wynne, Wilksburg, Pa.

PI

- 297 Nathan Ryland Casey, Danville, Va.
 298 Robert Thompson Hoover, Jr., El Paso, Texas

- 299 William Robert McGlueghlin, Jr., Great Neck, N. Y.
 300 Charles Francis Pietsch, White Plains, N. Y.
 301 Dean Reynolds Thacker, Staunton, Va.
 302 William Lucius Vaughan, Hopewell, Va.
 303 Arthur Joseph Wittstock, Grosse Pte., Pk., Mich.
 304 Paul William Finnegan, Charlottesville, Va.

RHO

- 302 Henry Faison Chesnutt, Clinton, N. C.
 303 Maurice Beaty Dunn, Charlotte, N. C.
 304 L. E. Paysour, Jr., Morrisville, N. C.
 305 Charles Rufus McNair, Jr., Rockingham, N. C.
 306 David Hill Mical, Canton, N. C.
 307 Vernon Meridith Barnes, Jr., Wilson, N. C.
 308 George Perry Greene, Boone, N. C.
 309 Robert Cliff Hinkle, Jr., Lexington, N. C.
 310 Norman Scott Ireland, Pleasantville, N. J.
 311 Riley McMillan Little, Greensboro, N. C.
 312 Abner Thomas Stewart, Washington, N. C.
 313 Edward Morris Chisholm, Frederick Hall, Virginia
 314 Stephen Louis Furches, Jr., Winston Salem, N. C.
 315 Walter Watson Harper, Tarboro, N. C.
 316 Merlin Adams Meares, Chadbourn, N. C.
 317 George Stevens Bennett, Mooresville, N. C.
 318 Willis Lester Woodall, Smithfield, N. C.

SIGMA

- 277 _____
 278 James Wallace Smelker, Columbus, Ohio
 279 _____
 280 William Ramsey Johnson, Fostoria, Ohio
 281 William J. Lies, Ft. Recovery, Okla.

TAU

- 304 William Edward Andrus, Jr., Binghamton, N. Y.
 305 Paul Edward Britton, Syracuse, N. Y.
 306 James Kenneth Bundy, Conklin, N. Y.
 307 William Cole, Baldwinsville, N. Y.
 308 Harold T. Culver, Syracuse, N. Y.
 309 Harry Svend Hansen, Huntington, N. Y.
 310 Arthur Henry Heidgerd, Pearl River, N. Y.
 311 John Stanley Hoyt, Jr., Yonkers, N. Y.
 312 Donald Edward Kullander, Greenwich, Conn.
 313 John Adams McDowell, Elmira, N. Y.
 314 Harold Ellsworth Nares, Corning, N. Y.
 315 Robert Arthur Peil, Syracuse, N. Y.
 316 Robert Clifford Russell, Syracuse, N. Y.
 317 Alan Keith Stout, Syracuse, N. Y.

- 318 Edward Hanlon TenEyck, Jr., Pearl River, N. Y.
 319 John Russell Voigt, Kingston, Pa.
 320 Walter Zaleski, Syracuse, N. Y.

UPSILON

- 206 John Nelson Strange, Ft. Smith, Ark.
 207 Joe Troy Pendleton, Paris, Arkansas
 208 John Walter Hill, Jr., Lepanto, Ark.
 209 Wallace Edmund Leth, Ida Grove, Iowa
 210 George Washington Dodson, Jr., Muskogee, Okla.
 211 Robert Eugene Hay, Oklahoma City, Okla.
 212 James Hugh Crenshaw, Pine Bluff, Ark.
 213 Joseph Walter Smith, Swifton, Ark.
 214 Bert Bryan Thompson, Jr., Little Rock, Ark.
 215 John Penn Reed, Fayetteville, Ark.
 216 Garlick Hugh Bagby, Jr., Washington, D. C.
 217 Roger Walls Harris, England, Ark.
 218 William Everett Glassburn, Fort Smith, Ark.
 219 Raymond Hugh Hedgecock, Wilton, Ark.
 220 Nathan Eugene Smith, Briggsville, Ark.
 221 Samuel Herbert Allman, Jr., Hot Springs, Ark.
 222 James Lee Taylor, Sparkman, Arkansas

CHI

- 261 Robert Earl Anderson, Clifton, Ariz.
 262 Robert Edward Bogle, Inspiration, Ariz.
 263 Charles John Edwards, Glendale, Ariz.
 264 Fred Norman Finn, Yuma, Ariz.
 265 Orvil Roark Jones, Douglas, Ariz.
 266 David Burdett Miller, Nogales, Ariz.
 267 Robert Charles Mills, Prescott, Ariz.
 268 Richard Powell Olbert, Sonora, Mexico
 269 Fermin Palicio, Clifton, Ariz.
 270 Richard Webb Porter, McNeal, Ariz.
 271 Henry William Schroeder, Prescott, Ariz.

- 272 _____
 273 _____
 274 _____
 275 _____
 276 _____

- 277 George William Sall, Painesville, Ohio

PSI

- 193 Clarence Swanson, Bonner, Mont.
 194 Rudolph Richard Forhan, Kalispell, Mont.
 195 Koehler Sheridan Stout, Helmville, Mont.

OMEGA

- 202 Donald Earl Redmon, Rapid City, S. D.
 203 Robert Owen Winkler, Newell, S. D.
 204 John Albert Van Auken, Shelburne, Vt.
 205 Fred Donald Brady, Hot Springs, S. D.
 206 Donald Leslie Norman, Black Hawk, S. D.

- 207 Merne Ray Judson, New Underwood, S. D.
 208 Raymond Walter Nelson, Pierre, S. D.
 209 Elwood Edward Strom, Sioux Falls, S. D.
 210 Gerard Cline Lammers, Madison, S. D.
 211 James Joseph Solon, Rapid City, S. D.
 212 Scott LaForrest Burrill, Faulkton, S. D.
 213 Richard William Trompeter, Cedar Rapids, Nebraska
 214 Albano Panerio, Lead, S. D.
 215 Lloyd LaVerne Darnall, Rapid City, S. D.
 216 Robert Clyde Albrook, Watertown, S. D.
 217 Walter Myron Johnson, Sioux Falls, S. D.
 218 Carroll Christian Jacobson, Jr., Canton, S. D.
 219 LaVerne Gibbons Nelson, Rapid City, S. D.
 220 Mitchell Valentine Liss, Central City, S. D.
 221 Vern Kenneth Foland, Othumwa, S. D.
 222 Kasmier Dominic Kubik, Johnstown, N. Y.
 223 Donald Eugene Procknow, Madison, S. D.

GAMMA BETA

- 131 _____
 132 _____

- 133 _____
 134 _____
 135 Louis Hugh Berkley, New York, N. Y.
 136 Raymond Francis Casella, New Haven, Conn.
 137 George A. Kilpatrick, Philadelphia, Pa.

DELTA BETA

- 80 Wesley Calvin Fertig, Louisville, Ky.
 81 Joseph Wolf, Jr., Louisville, Ky.
 82 Edward George Lebre, Jr., Louisville, Ky.
 83 James Clayton Adams, Louisville, Ky.
 84 Jack Schoch, Louisville, Ky.
 85 Thomas Huecker, Louisville, Ky.
 86 Sylvester Litten Brown, Louisville, Ky.
 87 Henry Calvin Crim, Louisville, Ky.
 88 William Joseph Peter, Jr., Louisville, Ky.
 89 George Kenneth Weber, Louisville, Ky.
 90 John William Slaton, Louisville, Ky.
 91 Albert Sidney Phillips, Jr., Louisville, Ky.
 92 Louis Dominic Mattei, Louisville, Ky.
 93 William David Troutman, Louisville, Ky.
 94 Foster Raymond Schuler, Jeffersonville, Ind.
 95 Kenneth Alois Ohlmann, Louisville, Ky.
 96 Gordon Porter Caldwell, Louisville, Ky.
 97 Nick G. Johnson, Louisville, Ky.
 98 Zeno Leone Zabban, Louisville, Ky.

In Memoriam

Russell Gribble, Beta '41, was killed at Fort Belvoir where he was stationed as a Lieutenant. His death was caused by an accident which occurred while he was demonstrating the use of various explosives.

Allen Carl Badger, Delta '14, died of a stroke in Youngstown Hospital, March 31, 1943. As a member of the Ferrous Metallurgical Advisory Board of the War Department he was personally awarded the Army and Navy "E" on January 1, as a signal honor for his complete knowledge of the requirements of the army ordnance department and of the steel industry and being able to synchronize the two. In the first World War he was an advisory metallurgist for the Watertown Arsenal at Watertown, N. Y. He graduated from Case in 1914 receiving the degree of B.S. in Metallurgy. He was a member of Tau Beta Pi, the American Iron and Steel Institute, the American Society for Testing Metals. He lived in Boston before going to Youngstown about 20 years ago and was a member of the Masonic Lodge in Boston. At the time of his death he was metallurgical engineer for the Youngstown Sheet and Tube Co. In addition to his wife, he leaves his father, two sons, two brothers and two sisters.

Marcus Callahan, Lambda '26, died very suddenly after ten days of illness from a kidney ailment on January 5, 1943, in Los Angeles, Calif. He was born in Salt Lake City on August 29, 1905. He graduated from East High in 1921 and from the University of Utah with a B.S. in Civil Engineering in 1927. From 1927 to 1929 he was with the Utah State Engineers office working on water rights on different rivers in Utah. He wrote the decree for Beaver Valley. From 1929 to 1933 he was with the Anglo Chilean Nitrate Co. at Tocopilla, Chile. He was office engineer on construction and later in the Research Laboratory. From 1933 to 1936 he was with the Newcomer Trailer Co. in Los Angeles. In 1936 he purchased all the assets of the Newcomer Trailer and the Coast Trailer Co. and organized the Callahan Engineering Co. and was the head of that company at the time of his death. He is survived by his widow Juanita S., and a step-daughter Peggy Jane Ramsay, his mother Jane M. Callahan, Martin E. Callahan, Lambda '22, and several other brothers.

Otto Wilhelm Fick, Eta '14, died August 2, 1942. Last address showed that he was last with the Liquid Carbonic Co. in Chicago.

Donald B. Collins, Epsilon '20, died on July 3, 1943. He had completed his twentieth year of service with Shell Oil Co. on April 21, 1943, and at the time of his death was Production Manager in Houston, Texas. He graduated from the University of California in 1920 having interrupted his college education in 1917 to serve with the Engineer Corps of the United States Army and on the North Russian Expedition. He joined Shell in Long Beach in 1923 as a roustabout. His advancement was rapid and in 1934 he was transferred to Houston, Texas, as manager of the Texas-Gulf Area Production Department. He was a member of the American Petroleum Institute and of the American Institute of Mining and Metallurgical Engineers. His widow, Bessie May Collins, a son, Donald F., and a daughter, Elizabeth, survive him.

Joe S. Hoffman, Iota '40, died in July 1943, in the U. S. A. Hospital at Clinton, Iowa. He was a private in the Army Air Corps in cadet training and died of a blood infection while on active duty. He graduated in Ceramic Engineering. Before attending M.S.M. he was a student at Southeastern Missouri State Teachers College. He was engineer for the Kraftile Company at Niles, California, when he joined the armed services.

Garrett J. Kane, Sigma '24, died in Columbus, Ohio, on August 26, 1943. At the time of his death he was district representative of the Federal Works Agency. Formerly he was with the Ohio State Highway Department. He was 44 years of age at the time of his death. He was a member of the Civil Engineers Club, the Ohio Society of Professional Engineers, and Franklin Post of the American Legion. Surviving are his wife, Mildred, a son Garrett, a daughter Jean Frances, his brother Richard and a sister Marian, all of Columbus, Ohio.

Harold Ralph Stewart, Chi '41, was commissioned a 2nd Lt. in Marine Corps Reserve in August, 1942. He was married at that time to Miss Dorothy Teachnor also an Arizona graduate and now living with her parents in Kansas City. He was reported missing in February, 1942, in the Solomon Island area and his fate is unknown. His commanding officer wrote a letter to his parents saying that his fighter plane was seen to crash but they saw his raft leave the plane after the crash. It took place near some small islands and if he was not too badly hurt he probably reached those islands and he may be a prisoner. Nothing further has been heard from him.

Charles Warren Campbell, Kappa '17, died April 24, 1939 at Evanston, Ill. He was a mining engineer last employed at Coal City, Ill. No further details are available.

Henry John Horn, Jr., Eta '22, died suddenly on April 9, 1943. For the past two years he held important posts in the War Production Board in Washington, D. C. Previous to that he was with the National Cash Register Co., in Cleveland, Ohio.

Albert Emil Seidler, Gamma Beta '46, died February 26, 1943, at the Officers Candidate School, Fort Monmouth, New Jersey. He was born in Washington, D. C., September 11, 1916, and entered George Washington University in September, 1938. He was 25 years of age when he was initiated into Theta Tau on April 22, 1942. In the fall of 1942 he entered the army. Several months later he became sick with measles and then developed a throat infection which caused his death. At the time of his death he was a sergeant at the Officers Candidate School of the Army Signal Corps. He was buried in Arlington National Cemetery in Virginia, on March 2, 1943.

Raymond Samuel Weimer, Iota '18, died suddenly on April 17, 1943. He was born in Cable, Ill., on April 10, 1894, attended the Kansas School of Mines and graduated from the Missouri School of Mines to become a Lieutenant in the Army Engineers during the last war. After the war he was employed by the Central Coal and Coke Co., Rock Springs, Wyoming, as research engineer and remained with them until 1924 when he became associated with the Northern Illinois Coal Corp. At the time of his death he was general manager of the company at Wilmington, Illinois. He was one of the pioneers in strip mining and invented methods of indexing and treating clinker.

Reino Arvin Ranta, Lieut. in the U. S. Army Air Forces, died in a plane crash on May 5. Born at Nashwauk, Minn., in 1916, Lt. Ranta went to the School of Mines of the University of Minnesota, graduating in 1939 with high honors. For two years he was employed by the London Mining & Milling Co., Alma, Colo., as assistant geologist. In the fall of 1941 he entered the graduate school of Yale University, and enlisted in the Army Air Forces in December, receiving his wings as pilot and his commission in September, 1942.

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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ANOTHER WAR CASUALTY

The efficacy of the Erich Schrader Award as an encouragement to stronger chapter operation was well demonstrated a year ago. At that time in response to the contest call, full reports on activities were submitted by most of the chapters, a considerable improvement over the rather few entries, many of which had been only sketchy, of the previous biennium. The large number of chapters filing reports was itself a good omen, but another most encouraging factor was the closeness of the competition. The committee for the Award, which will not meet until our next Convention, will have a job to decide the winner from among at least four or five of the hottest contestants.

It was with considerable regret, therefore, that the decision was made at the Chicago Conference to suspend the contest for the duration.

Consequently our Grand Inner Guard is not calling for formal reports this year. But it is his hope, and that of the rest of the Council members that wherever possible, the active chapters will continue to carry forward the special projects and special ideas which had been started under the stimulus of the contest. It is also their hope that the contest itself may be renewed promptly after the cessation of the awful struggle now going on.

HOW ARE WE DOING?

All Theta Taus are aware that the war menaces the very existence of the fraternity. They may know that many general fraternities have already disappeared from college campuses throughout the nation. They undoubtedly wonder what is happening to Theta Tau.

Surprisingly, Theta Tau, though shaken by the impact of war conditions, is in excellent condition for the most part. As may be seen from the chapter letters, many chapters are unaffected by the war, their membership being equal to or greater than their pre-war numbers. These are at schools where deferment of civilian engineering students is the general rule or where Navy V-12 programs are in effect. On the other hand, a few chapters have not reported and some have admittedly gone inactive for the duration. The majority of the chapters, however, have met the situation with firm determination to hold their positions on the campus and are displaying the never-say-die spirit of true Theta Taus.

National Conventions have been discontinued for the duration. The Executive Council was empowered by the last convention (December 1941) to rule on all matters which normally would be referred to such a meeting, all such actions to be later reviewed by a post-war convention. The Executive Committee met in Chicago

last Memorial Day and took measures to preserve the fraternity during war times and to safeguard its financial structure.

One of the decisions made at that time was to continue the publication of THE GEAR as long as revenue from

THE GEAR endowment fund and from active dues was sufficient to meet publication costs. The Editors agreed to trim the latter to some extent. The outlook is good for continued publication for at least the coming year.

To All Life Subscribers

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THE GEAR OF THETA TAU

210 Engineering Bldg.

Iowa City, Iowa

Letters from the Chapters

Alpha Holding the Line



Alpha begins its fall letter by extending its greetings to all its brothers in the armed services and here at home.

Although campus activities have been in a rather confused state this past year, due to the uncertainty of the date of

call of reserves and the question of draft deferments, it has now brightened up somewhat as reserves have been called and a definite draft policy is in effect. Thus, some obstacles to pledging have been removed and we at Alpha hope to operate on a more normal basis. Our number of actives has decreased to eight, but we will build this up to about fourteen after the fall initiation.

When the Naval V-12 program went into effect this summer, three of our actives, including our Regent, were called. Fortunately, all three were stationed on the campus to finish their education, so they are still able to participate in fraternity activities, and Regent Olson still presides at our meetings. Other Alpha men who have recently left for military service are Richard DeLeo to the Army Air Corps, Ensigns Argan Johnson and Bud Hoerschgen to the Navy, and Vernon Pederson and Russ Talty to the Marines.

Social activities on the campus have of course been very much curtailed, but the active chapter had two outings at a ranch near town during the spring and summer quarters. In the future we plan on participating in general campus activities for our social activities.

The civilian enrollment in the Institute of Technology has decreased considerably in the past year. The army and navy training programs have taken over in their place, and these trainees now comprise the majority of students.

Founders' Day was observed this year with

a banquet at the Y.M.C.A. The speaker was Lt. Wes Johnson, Alpha '34, who has just returned from North Africa where he participated in the invasion and subsequent operations. His talk was accompanied by lantern slides of various places he had been. Our chapter adviser, Fred Teske, Alpha '27, was presented with a plaque of the coat of arms in recognition and appreciation of his untiring efforts for the chapter.

In the past year Harry Dahlberg, Mining Senior, achieved prominence by winning the local and national essay contest of the American Foundrymen's Association, and by winning a prize in the Lincoln Arc Welding essay contest. Warren Underwood and Robert Anderson were selected for Tau Omega, National Honorary Aeronautical Engineering Fraternity.

An informal smoker was held at the chapter house on October 21. Movies were shown by Vice-Regent Bergsman and refreshments followed. The smoker was attended by twenty-five men and resulted in obtaining several good pledging prospects.

The present chapter officers are as follows: Regent, Miles Olson; Vice Regent, Win Bergsman; Scribe, Robert Anderson; Acting Treasurer and Chapter Adviser, Fred Teske, Alpha '27; and Corresponding Secretary, Warren Underwood. Our representative on the Inter-Professional Fraternity Council is Jerome Schwab.

In order to keep the chapter house open, we started taking in roomers this summer and have continued it this fall. We plan on continuing this practice until affairs return to normal or there are sufficient actives to take over the house.

A good many of the fraternities on this campus have closed, but Alpha of Theta Tau is still active and will continue as such as long as there is an active left in school.

Yours in H & T,

ROBERT R. ANDERSON, Scribe

Beta Inactive at Present

Dear Brother:

In answer to the request for the Fall chapter letter concerning Beta chapter, I submit the following:

The officers of Beta chapter are: Regent, Dale Wood; Vice-Regent, Henry Beard; Scribe, Raymond Christensen; Treasurer, Norman Eddy; Inner Guard, Robert Robillard; Outer



Guard, Edgar LeBoeuf. The faculty adviser is Leo F. Duggan.

The number of Brothers on campus are: Actives, 4 (civilian), 7 (A.S.T.P.) — Pledges, 1 (civilian), 1 (A.S.T.P.).

Beta's reaction to the war effort: Due to the calling of the Navy and Army reserves which considerably depleted our membership, Beta decided to become inactive for the duration. The chapter house was closed for repair and then was immediately leased to the Army.

If it is at all possible Beta plans upon reopening in the Fall of 1944.

Brothers Bill Turnbull, John Jeffries, Murdo Hutchinson, Louis LaForias, Pat Weber, Dick Johnson, Harold Peterson, Bill Edwards, George Couillard are in the Navy V-1 program and are stationed in Madison at the University of Wisconsin. Brothers Jim Cole and Ed LeBoeuf have been ordered to report to Columbia University for V-7 duty. Brothers Robert Baird, Howard Comstock, Arthur Dorr, Charles Cronenworth, James Martin, Robert Asselin and Wallace Thomas have returned to Michigan Tech with A.S.T.P. These Brothers have all been in the same platoon during their basic training at Fort Belvoir. Brother George McKerigan who is in the E. R. C. is now stationed at Harvard. Brother Robert Willard is stationed at North Carolina State.

Epsilon Alumni Stand Solidly Behind Chapter



With the University of California on a three-term basis, we now have a semester running March through June; a second, July through October; and a third, November through February. Each of these semesters has 15

weeks of classes and a week of finals, with one or two weeks vacation between semesters. For the July through October semester just ended, the Epsilon officers were: Regent, Chester M. Gibson; Vice-Regent, Stephen W. Shutt; Scribe, David W. Mitchell; Treasurer,

Philip B. Dettmer; Corresponding Secretary, John J. Reed.

For the November through February semester, the newly installed officers are: Regent, John J. Reed; Vice-Regent, Wilbur H. Somerton; Scribe, Stephen W. Shutt; Treasurer, Chester M. Gibson; Corresponding Secretary, Hernando Quijano.

In June, our former Chapter Adviser, Brother Howel Williams, E '20, was called away with the U. S. G. S., and was last heard from in Fields, Oregon, where he was investigating mercury deposits. Our present adviser is Brother Perry Byerly, E '21, of the Geology Department.



Left to right: Mitchell, Somerton, Anderson, Chaney, Culver, Vasques, Gibson, Byerly, Pabst, MacDonald, Pratt, Luce, Dettmer, Quijano, Hudson, Louderback, Crook, and Hulin

Epsilon expects to have ten of its fourteen actives on campus in December, although we hope to elect a few more new members by that time.

Epsilon is attempting to maintain an active nucleus through the war, without lowering its standards for membership. All present actives will be leaving the campus either in February, 1944, or sooner. It is hoped that a few new actives can be pledged next semester who will be continuing on after February, but there are so few men left on campus with any degree of permanency, that the number of pledges will certainly be greatly reduced. Although there may be a shortage of new actives, we have had repeated assurance from the Alumni in the Bay Area that they stand ready and willing to become active for the duration to maintain the Chapter, so that we know that Epsilon will be in good hands even if there are no students for a few years.

Founders' Day was recently celebrated by an afternoon gathering at the home of Brother Byerly, our Adviser. The program included the installation of new officers and a talk by Brother Frank S. Hudson, E '12. Brother Hudson and other Alumni present enlightened the newer members on the beginnings of Epsilon, and predicted a generally successful future for the Chapter through the war. After this meeting, most of those present attended the Mining Association Banquet at the Claremont Hotel. As was done in the case of Founders' Day, Epsilon has been attempting to keep its activities as simple and

informal as possible to avoid the difficulties and obligations of elaborate outside arrangements.

A Chapter picture was taken at the Founders' Day meeting, and if it turns out all right it will be forwarded separately.

Donald H. McLaughlin, E '14, former Dean of the combined Colleges of Engineering and Mining at California, is Vice-President and Director of Cerro De Pasco Copper Corporation, and is now in New York.

In campus activities, Brother Young has been President of the Mining Association and Brother Shutt was recently installed as President of the same organization for next semester. Brothers Bush and Reed were appointed from the Mining Department as Associate Editors of the California Engineer, as of last June. Brothers Young, Forde, and Gay are in the Navy V-12 unit and expect to leave campus in November. Brother Luce is on call for Naval Aviation and expects to be called about the same time.

Brothers Quijano and Vasques are Petroleum Engineering students from Columbia. The Chapter is looking forward to a close association with these men whereby we can foster a better mutual understanding between our respective countries.

To Epsilon Alumni, wherever you may be, we send our best wishes, and hope that you will let us hear from you when time permits.

Yours in H & T,

JOHN J. REED, Corresponding Secretary

Theta Carries On



Theta Chapter, this fall, is carrying on in good shape. Although the School of Engineering here at Columbia is almost exclusively Navy, civilian students are still permitted to enter and up to now the Navy has allowed V-12 students to join fraternities. We have at present twenty-two active brothers on the Chapter roll and one brother from Tau Chapter. However, after the October 30 graduation there were only eight actives left. Of these eight two will be old men six will be men initiated on September 25, 1943.

Regent Bill MacMichael was called to active duty with the Army Air Corps October 1, 1943. Since then Vice-Regent Johnny Helm has been wielding the gavel. Brothers Ralph Sternberg, Norris Matthews, Bill Storch, Harry Benis, Bill Urich, John Mladinoc, Walt

Richters, George Michalec, Fernando Leon, John Kitchen, Gil Turner, and Jim Burns receive engineering degrees on October 30, 1943. Sternberg, Matthews, Storch, and Burns are headed for the Navy (V-7) Program, George Michalec is due to be drafted, and Brothers Helm and Turner will carry on at school, both being graduate assistants. The balance of the old men are going to jobs in industry. Of the graduating class, Regent MacMichael was elected permanent class president, Bill Storch vice-president, and Jim Burns treasurer. George Michalec received the Darling prize in Mechanical Engineering and Gil Turner, one of the Illig Medals. Brother Turner is currently president of the Alpha of New York Chapter of Tau Beta Pi and Brother Helm is corresponding secretary.

At the September 25 initiation the following men entered Theta Chapter: Robert J. Roman (V-12), John B. Kirkland, and James Furgeson (V-12). The officers are: Acting



Founders' Day Celebration and
Graduation Party

Working around table clockwise starting with Muska (under left portrait), Leon, Sternberg, Michalec, Lopez, Storch, Roros, Kirkland, Beck, Matthews, Maher, Smith, Roman, Bartels, Cook, McCaffery, Schubert, unidentified soldier, unidentified Beta, Burns, Byers, Hayes, and Helm.

Dates not included



Initiation Banquet



Beer Party following Initiation
Banquet

*Standing, left to right: Turner, Richters, Beck, MacMichael
Seated, left to right: Matthews, Kirkland, Burns, Leon, Ferguson, Schubert, Michalec, Fries, Helm, Storch, Maher, Ulrich, Lopez.*

Regent, John Helm; Scribe, Gil Turner; and Treasurer, Mike Gudefin. Gudefin is newly elected to replace Storch. Helm and Turner are continuing in office until the new men gain experience in chapter affairs. Don Bake-man of Tau Chapter is a senior in the (V-12) unit here at Columbia and we are very glad to have him with us.

A pledging program is planned for November and we have some very good prospects among the Navy (V-12) students. Our one big problem at present is to find a meeting time which is convenient to both civilian and navy men. The navy boys have their days filled right up to evening mess and they have difficulty getting away evenings. Brother Hinckly, Grand Outer Guard and our chapter adviser, has suggested that we hold an afternoon meeting following the last class and then go to dinner, since navy men are permitted to eat out.

Our social affairs have consisted of several dances at the Beta House throughout the summer, a pledge dinner, a banquet and beer party following the September 25 initiation, and a combined Founders' Day celebration and graduation dance in conjunction with Beta Theta Pi. Brothers Burns, Storch, and

Kirkland drifted about the establishment where we held our initiation banquet and picked up twenty women. Brother Burns can be seen in the included picture of the affair with his arms about two of them. There were two alumni present—Brothers Thomas Maher and Kenneth Lopez. A picture of the gang at the beer party following the initiation banquet is also included. Note that by now we are rid of all the females!

The Founders' Day celebration and graduation party consisted of the Pennsylvania vs. Columbia football game, a cocktail party at the Beta House, dinner at the Men's Faculty Club, and a dance at the Beta House. The cocktails were a deadly concoction known as a "third rail" whipped up Brothers Helm and Beck. Six Theta Tau alumni were present; Brothers Kenny Lopez, Tommy Maher, Bob Smith, Jack Bartels, Francis McCaffery, and Bill Cook.

Brother Johnny Mladinov does not appear in any of the pictures because he was the man behind the camera.

In closing Theta extends the best of luck to all her sister chapters and to all Theta Taus.

Yours in H & T,

JOHN L. HELM, Vice-Regent

Iota in Excellent Condition



Here at Iota we face an indefinite future with confidence in our ability to overcome whatever obstacles arise. We have two reasons for being confident; (1) we have just elected ten new pledges, and (2) we are

faced with the pleasant prospect of welcoming back to our rolls six of our fellow brothers who last May were inducted into the Army. These men are re-entering school in the A. S. T. P. unit which is active on the campus.

At the time of writing of this article we here at Iota find ourselves without two officers. We have no Marshal or Inner Guard; something which we expect to remedy in the near future. However, our other officers are "strictly on the ball" in making sure that the chapter's future is secure. These hard working officers are: Regent John Vanos, Vice-Regent Al Dick, Treasurer Morris Sievert, Scribe Jim Dowd, Outer Guard Bill Hicks, Corresponding Secretary Bob Jamison, and Chapter Adviser Dr. C. V. Mann. By the time you will be reading this we will have initiated our ten pledges and will have a total active membership of twenty-eight.

Our Founders' Day Banquet was very enjoyable, although it was hardly more gratifying than the many letters which we received from alumni who, at least in spirit, were also celebrating Founders' Day with us.

Last spring we thought we were going to lose to the Army six members who were taking senior R.O.T.C. However, when we returned for the summer semester, we were pleased to find that they had been given permission to remain during the summer in order that they might get their degrees. On August 12 a banquet was held at the Pennant Tavern in honor of these six men—Don Smith, Bob McMath, Matt Kerper, Don Geiger, Wes Dolginoff, and Charlie Mitchell—and the two other graduating seniors—Jack Boetjer and Glen Jett.

Our activities for the immediate future

consist of a beer-bust, which will serve as a sort of an informal initiation for the pledges, a dance, the formal initiation with its accompanying banquet, and a group of open professional meetings to be sponsored by Theta Tau.

The members of Iota Chapter are justly proud of their scholastic accomplishments of the past semester. The averages, which were released by the school during the past week, once again found Theta Tau on top with a grade-point average of 1.72, one-fourth of a grade point above the average of the next highest organization. These averages include those of all organizations and fraternities except the honorary fraternities. Another of Iota's accomplishments is the fact that eight of our brothers are either Tau Bates or Tau Bates pledges and ten of them are either Blue Key members or Blue Key pledges.

Although the Theta Taus have been amassing quite a few grade points, still don't think they haven't been active in extra-curricular activities. A fine example is one of our more illustrious members, our Vice-Regent, Al Dick. Since Al entered the School of Mines he has been active in practically everything. He is corresponding secretary of Blue Key, pledge of Tau Beta Pi, vice-president of the American Society for Metals, past secretary and president of the Kappa Sigma fraternity, past vice-president and president of his class, member of the M Club, member of the American Institute of Mining and Metallurgical Engineers, winner of a Lucy Monroe James Scholarship, and captain of the football team. One cannot doubt that Al Dick has been "on the ball".

Congratulations are in order for Al Dick who took the fatal step on September 1 and for Morris Sievert who on August 6 became the proud father of a baby girl.

In closing, the Iota Chapter sends hearty greetings to our Founders, to the Executive Council, and to the members of all other chapters of Theta Tau.

Yours in H & T,

JIM DOWD, Scribe

Mu Holding the Line



Here at Alabama, Mu Chapter is planning to carry on with its activities as much as is possible under wartime limitations.

This past spring Mu held a novel outing. A trip was made up the

nearby Warrior River on a houseboat. After about a two-hour ride the boat was docked, and while chickens were being barbecued we spent the time by swimming and racing up and down the river in a speedboat. After the chicken was done we brought it aboard and then cut loose and drifted down stream. A group of about fifty made the trip and such a good time was had, we hope to make



Front row: Keith, Murphy, Comisarow, Chronis, Parker, McFarland, Morse
 Standing: Allen, Sanders, Wendel, Tompkins, Kachikas, Ditoro, Weems, Ready, Ham, LeRoy, Kelly

this an annual affair. This summer the actives and pledges held another chicken supper after a day of tapping thirteen new men.

At the present time we have twenty-one actives on the campus. Three of these, Privates Allen, Ham, and Kelly, are stationed here in the local A.S.T.P. unit. Brothers LeRoy, Sanders, Hegenwald, Wendel, and Sawyer, are members of the local Tau Beta Pi Chapter, the first three of these being the officers. Hegenwald is also the Senior Class President and the Business Manager of the Rammer Jammer magazine. Six of our actives serve as lab assistants in the engineering labs. The presidents of the student chapters of the A.S.C.E. and A.I.A.E. are McFarland and Ready. The scholastic average of Mu Chapter is above the average and we plan to keep it up there.

We are now trying to compile an up-to-date list of our alumni addresses. We hope

to reach all of our alumni this year with the Christmas Cards in order to insure the feeling of brotherhood in these troubled times.

In November we will hold a smoker for all the prospective members of Theta Tau. An outstanding member of the engineering profession will speak to us at this smoker. As in past years on Saint Pat's day, Mu will award a loving cup to the outstanding senior engineer as selected by the engineering faculty. Last year the cup was won by Brother Jack Bean.

Our present officers are: Fred McFarland, Regent; Bill Sanders, Vice-Regent; James Sawyer, Scribe; W. G. Keith, Treasurer; and Richard Morse, Corresponding Secretary. Our advisers are J. M. Faircloth and W. G. Keith.

Mu wishes to extend its best wishes to its alumni and our brother chapters.

Yours in H & T,

RICHARD MORSE, Corresponding Secretary

Nu Chapter Holding Membership

PITTSBURGH
 PA.

In spite of the fact that Uncle Sam has called many of our brothers who were members of the advanced R. O. T. C. to service, we are making every effort to keep the Chapter active. Carnegie Tech is in an accelerated program of studies but a busy summer did not keep us from pledging and initiating fifteen new members. The initiation was held just after the invasion of Italy by the Allies and at the

banquet held in connection with the initiation, Dr. Robert Gregg, a faculty member of the Social Science Department, discussed the effects of this invasion on the future of the war.

Meetings of the Chapter are held semi-monthly in the Carnegie Union and lively discussions take place regarding business and activities. In the last few weeks we have had five of our members returned as A.S.T.P. members—Robert Culbertson, William Purcell, Robert Philleo, James Hovis, and Henry

Rosenblum. Earl Obringer is still in basic training and Robert Weston and Mannis Neumann are in the Navy.

Under the guidance of Prof. J. M. Daniels, our faculty adviser, we feel certain the Chapter will make progress. Within the next few weeks another initiation is planned at which time we expect at least twelve new members.

The Chapter had planned a Founders' Day celebration but, due to the fact that the Inter-Honorary Council was sponsoring an all-school dance which served as a Victory Dance after the Tech-Lehigh game, Nu Chapter, since it has representation in the Council, gave its support to this event. Plans for the future call for a well filled program of social activities.

Shortly Nu will again choose, as it has in the past, the most promising engineer of the graduating senior class.

Present officers of the Chapter are: Theodore M. Bellan, Regent; Robert Dodds, Vice-Regent; Donald Brunstetter, Scribe; Robert Neas, Corresponding Secretary; William Newton, Marshal; John Glass, Inner Guard; William Leone, Outer Guard.

The Chapter has made up the following list of Nu men in the armed services.

Yours in H & T,

ROBERT E. NEAS, Corresponding Secretary

MEMBERS OF NU CHAPTER OF THETA TAU NOW IN THE ARMED FORCES

1924		
75	T. F. Loughry	Capt. U.S.A.
1926		
91	Joseph Raddin	U.S.A.M.C.
98	John M. O'Connor	Lt. U.S.A.
1928		
129	Donald L. Putt	Col. U.S.A.A.C.
136	Shelby A. McMillion	Lt. Col. U.S.A.E.C.
1929		
122	Edwin B. Ross	Capt. U.S.A.E.
1930		
149	William P. Murdoch	Lt. U.S.N.R.
1931		
175	Merle W. Smedberg	Lt. (jg) U.S.N.R.
176	Harry R. Wall	Lt. U.S.N.
1932		
189	Henry P. Evans	Lt. U.S.A.
177	Robert O. Holmes	U.S.A.
182	M. A. Kinley	Maj. U.S.A.
178	Harry D. Kolb	Maj. U.S.A.A.C.
179	Jack E. Morris	Maj. U.S.A.E.
1933		
216	Harry R. Krider	U.S.A.S.C.
201	Harry F. Zinsser	Capt. U.S.A.E.C.
1934		
213	John W. Barker	Capt. U.S.A.S.C.
235	Francis T. Lowrey	Capt. U.S.A.A.C.
193	Henry C. Westin	Lt. U.S.N.R.
1935		
222	T. W. Dana	Lt. U.S.A.
1936		
252	Evans W. Cheesman	Capt. U.S.A.E.
247	Harold J. Mitchener	Maj. U.S.M.C.
1937		
267	Glenn B. Daughton	Lt. U.S.A.
1938		
265	Charles I. Beard	Capt. U.S.A.A.C.
283	George W. Cost	Cadet U.S.A.A.C.
287	Samuel R. Giordano	1st Lt. U.S.A.
271	George R. Gulland	Lt. U.S.A.S.C.
277	William K. Shaffer	Capt. U.S.A.
298	Arthur F. Tuthill	U.S.A.A.C.
1939		
297	Fred W. Shaffer	Lt. (jg) U.S.N.R.
290	Clarence H. Weissenstein	2nd Lt. U.S.A.
280	Donald E. Armstrong	Capt. U.S.A.S.C.
302	Melvin D. Henderson	Maj. U.S.A.E.C.
1940		
280	Donald E. Armstrong	Lt. U.S.A.S.C.
301	Charles D. Henderson	Capt. U.S.A.
309	Thomas E. Ralston	Capt. U.S.A.
1941		
315	J. Lester Cullen	1st Lt. U.S.A.
327	William R. Froehlich	Lt. U.S.A.
329	Arleigh B. Helfar	U.S.A.A.C.
324	Carl W. Weil	Capt. U.S.A.
1942		
345	O. Curtis Griffith	1st Lt. U.S.A.E.
339	William L. Hanna	U.S.A.E.
344	George M. Margerum, Jr.	2nd Lt. U.S.A.E.
341	David H. Miller	Ensign U.S.N.R.
336	John T. O'Brien	Lt. U.S.A.E.C.
342	Robert W. Rolf	Lt. U.S.A.E.
343	Maurice E. Shank	U.S.A.O.
352	Arthur E. Steele	Lt. U.S.A.E.C.
340	Frank W. Horn	Lt. U.S.A.
366	D. L. Van Orman	2nd Lt. U.S.A.E.C.
1943		
356	Frank N. McClure	Cadet U.S.A.S.C.
364	Joseph Rubin	Cadet U.S.A.A.C.
365	Jack E. Rupp	A/C U.S.A.S.C.
347	Frank L. Sculen	2nd Lt. U.S.A.E.C.
366	Donald L. Van Orman	U.S.A.E.
349	Max L. Williams, Jr.	Cand. U.S.A.A.C.
1944		
368	Robert W. Culbertson	Pvt. U.S.A.
370	James E. Hovis	Pvt. U.S.A.
377	Mannis P. Neumann	U.S.N.
367	Robert F. Philleo	Pvt. U.S.A.
376	Henry R. Rosenblum	Pvt. U.S.A.
374	Robert A. Wenston	U.S.N.
371	Earl W. Obringer	Pvt. U.S.A.

Omicron Maintains a Neucleus



We of Omicron send our greetings to all Theta Tau chapters and their alumni.

We have disheartening news in that our membership has reached its

lowest ebb in many years, with only seven actives and two pledges in the University. We plan to remedy this situation in the very near future, and an extensive rushing campaign, headed by Regent Burman, is now getting under way.

The chapter is now sharing its house with the Sigma Nu fraternity here on the crowded Iowa campus. The engineering students of Iowa are also sharing their classrooms and laboratories with a large group of Army Specialized Training Program engineers.

We wish to salute ten actives who have recently been called into the services. The Army claimed Brothers Holmberg, Kinkade, Josifek, Schweizer, Grey, Ward, and Lazenby. Brother Reid was called by the Army Air Corps and Brothers Ryan and Fieselman were called by the Navy. Holmberg, Kinkade, and Schweizer were advanced officers in our engineering R.O.T.C. battalion on the campus.

At a recent election the following Omicron officers were elected: Regent, Howard Burman; Vice-Regent, Claire Thomas; Scribe, Jim Huber; and Treasurer, Irving Wansik.

Best wishes to all Theta Tau chapters for the coming terms, and we will be looking forward to hearing from you all again soon.

Yours in H & T,

JOHN SANGSTER
Corresponding Secretary

Pi Chapter Thriving



Pi Chapter starts the year under the guidance of the following chapter officers: Regent, John S. Snell; Vice-Regent, Richard M. Brandt; Scribe,

Joseph Sadler; Treasurer, Harold Wibberly; Corresponding Secretary, Ralph O'dette; Chapter Adviser, Earnest J. Oglesby.

The number of active members on the campus is forty-two. There are no pledges at present as our rushing season has just begun. We are looking forward to a large class in November from the extremely large group of new boys which entered here this past July. The engineering school has increased its enrollment to over 350 as compared with a normal status of 200 boys. By far the majority of this group is composed of Navy V-12 personnel, although a sizeable group of civilians is also present.

The chapter is continuing to keep the house open and filled despite the fact that over half of the boys are in the Navy and must live in barracks. Several very successful parties, plus the fact that rushing is at hand, have put Theta Tau in the lime-light this fall in the Virginia social world. School elections come off in three weeks and once again the Theta Taus are expected to carry off the honors. We have an exceedingly strong ticket with Joe Sadler, a third-year civil engineer, and Avery Catlin, third-year electrical, heading the ticket at the president's and vice-presi-

dent's slots respectively. Scotty Ireland, Dean Thacker, and George Andrews complete the ticket at the Secretary, Treasurer and Historian posts. Incidentally, Scotty Ireland is one of two Navy transfers from North Carolina State, the other one being Riley Little.

Several Theta Tau men have recently been tapped by one or more of the various honor societies at the University. Benno Janssen and William Wimbrow both made ODK, national leadership fraternity. Dean Thacker, Avery Catlin, and P. P. Lee were initiated into the Raven society for their scholastic achievements. Benno Janssen is president of the Tau Beta Pi chapter, while Harrison Kite, Irwin Lewis, and William Wimbrow further represent us in that organization. "Doc" Hansell is also well up on the Dean's list after a gruelling battle with Brother Jack Blackburn.

From the alumni comes the news that many of the boys from last year's class are fighting for Uncle Sam in the various armed forces. Jim Milligan, Jim May, Allen Campbell, and W. D. Wood, to mention a few, have received Ensign's commissions in the Navy. Paul Cowgill, regent of Pi chapter in 1942 has received his Navigator's wings in the AAF.

In closing, Pi chapter wishes the best of luck to all of the other Theta Tau chapters, individually and collectively.

In H & T,
RICHARD M. BRANDT, Vice-Regent

Rho Maintains Strong Position

Hello to all Theta Taus from Rho Chapter down in Dixie. "Come Hell or high water" Rho seems destined to carry on for the duration while other campus organizations here at State fall by the wayside.

Since our last letter a lot of things have happened in the chapter. At the end of the winter term seven of our number graduated, and early in the spring term the army called fourteen of our boys into service. The summer term saw Rho embark on the second year of four-term-per-year activity, with only nine members. During the spring and summer twelve new men were initiated, and after the draft, the Navy, June and September graduations took their toll fourteen members were left.

The chapter is being kept on the straight and narrow trail this year by the following officers: A. Cliff Spruill, Jr., Regent; James B. Lambeth, Vice-Regent; W. J. Goodrum, Scribe; Floyd P. Barnes, Treasurer; W. Lester Woodall, Asst. Treasurer; Loy E. Paysour, Corresponding Secretary; and Walter W. Harper, Marshal. Profs. T. C. Brown and W. F. Babcock are our faculty advisers.

During the winter term of this year, as has always been the case, Theta Tau men made many scholastic honors and acquired for themselves individually a name on the campus.

From the Aeronautical School, the following men were outstanding: David Michal was elected vice-president of the Inter-Honor Council, vice-president of the Senior Class, vice-president of the Aeronautical Society, and president of Scabbard and Blade. M. B. "Pinky" Dunn was elected representative to the Engineer's Council, and Roy Hayes was made secretary-treasurer of the Aeronautical Society. Cliff Spruill was elected president

of the Aeronautical Society and vice-president of the Engineer's Council.

Four Chemical Engineers made their places among the campus big shots. Stanley Teiser was elected president of the A. I. Ch. E., Bob Smithwick was made treasurer of A. I. Ch. E. and editor of *The Southern Engineer*. Tom Stewart was elected business manager of the *Wataugan*, a member of the Publications Board, and representative to the Engineer's Council from the A. I. Ch. E. Henry Chesnutt, another representative to the Engineer's Council, was elected secretary of the Council.

From the Civil Engineering Department Jim Lambeth was elected representative to the Engineer's Council from A. S. C. E., and George Greene was elected alternate representative to the council.

Five Electrical Engineers were elected to prominent positions on the campus. Rufus McNair was elected president of the Inter-Fraternity Council, president of Upsilon Sigma Alpha, representative to the Engineer's Council from the A. I. E. E., vice-president of Eta Kappa Nu, and a member of Golden Chain. L. E. Paysour was elected president of A. I. E. E. and treasurer of the Engineer's Council. P. D. Page was made president of Eta Kappa Nu and vice-president of A. I. E. E. Jack Barnes was elected as alternate to the Engineer's Council. Henry Gilmore was named secretary of Eta Kappa Nu.

From the General Engineers, C. N. Steele was elected president of the Engineer's Council, a member of Golden Chain, and president of the General Engineering Society.

Due to the drafting of the juniors by the E. R. C. most of the campus organizations were forced to hold elections upon their return to the campus in September to fill these vacancies.

Theta Tau men again went over the top by electing Jim Lambeth president of the



Hinkle, Green, Betts, and friends



Dunn, Furchess, Chesmitt, and more friends!



Baynard, Lambeth, Paysour, Carnes, Hecht, Spruill, Meares, Ruhl, Stewart, Barnes



Harper (seated), Lambeth, Gilmore, and friends

Engineer's Council; Floyd P. Barnes was elected president of the A. S. C. E. and Walter Harper, secretary, and Ed Chisholm, treasurer; while Louis Furches was elected alternate to the Engineer's Council from A. S. M. E. Walter Harper and Jim Heffernan were elected as representatives to the Student Government from the senior class, and Merlin "Patches" Meares from the sophomore class.

Rho Chapter is very glad to announce that after such a long time and much work, it has at last succeeded in getting a chapter house begun. Every year since the chapter was organized, the question of a chapter house arose but it seemed that very little was ever done about it and the desire seemed to fade away into something else. Funds were lacking but during the past year a building fund was started especially for the purpose of obtaining a chapter house soon after the war has ended.

Due to the decrease in civilian students, a number of social fraternities closed their houses for the duration at the end of the spring term. We were certain of having seven members in school this summer, so the subject changed to the renting of these social fraternity houses for as long as we had members enough to finance the undertaking. But, due to the lack of financial backing and many uncertainties, this question was voted down. We then started trying to get an apartment, but this also failed because one could not be found near the campus. It began to look as if the undertaking would fail again but near the end of the term the Pi Kappa Alpha Fraternity invited us to share their house. They had also lost most of their brothers, but decided to remain open by renting rooms to non-members. News then came from the college officials that the incoming freshmen would have priority on

all available civilian dormitory rooms, thus forcing upperclassmen to live off campus, because most of the dormitory space will be taken up by the college army training program. With all the brothers living together it is much easier to organize and carry on the work of the chapter more efficiently, besides the pleasure that the chapter house affords.

It is apparent that the Pi Kappa Alpha's will want all of their house at the beginning of the winter term, so plans are being formulated for the procurement of a house of our own, and with the cooperation and financial backing of our alumni Rho hopes to be able in the near future to announce that we are living under our own roof.

Volume No. 1, Number 2, of the *Gearlet* made its appearance just as we left the campus in September for a few weeks vacation. The response from the alumni was very encouraging, but the alumni file is still a long way from being complete.

Rho chapter again sponsored the sale of membership tickets to the Raleigh Little Theater. These tickets were sold on a commission basis and the sale netted the treasury \$10.00, well over that cleared on last year's sales.

During the past months we have had the pleasure of having two brothers from Beta Chapter stationed at State College in one of the army units. Brother Jack A. Ruhl left us after completing his air corps preliminary training, and was sent to a reclassification center. Just as Brother Ruhl left Brother Bob Willard was stationed here with the army engineering A. S. T. P. unit.

We wish to send our regards to all Theta Tau chapters and their alumni.

Yours in H & T,

W. J. GOODRUM, Scribe

Sigma Hanging On



Hope that this letter makes the dead line. I held off sending it so that I might tell you about initiation that was held this last Saturday night. We initiated into the active chapter of Theta Tau four new men.

They were Dan Dean, Bob DeRoo, Don Rhodes, and Dave Williams. Following the initiation the initiating actives took the initiates out a very nice steak fry.

The Sigma Chapter is now twelve strong. The present members are Brothers Montgomery, Regent; Smelker, Vice-Regent; Taylor, Scribe; Cameron, Treasurer and Steward; Gresham, Marshal; Foljambe, Inner Guard; Johnson, Outer Guard; Debussman, and the four new members, Williams, Rhodes, DeRoo and Dean. Of these members there is expected to be eight left after the end of the quarter. Brothers Williams, Cameron, De-

Bussman, and Gresham expect to be gone after the end of the quarter. Brother Williams expects to leave for the Navy before the end of the next month and Brother Gresham hopes to leave for General Electric early.

There are now four men who live in the house that aren't members and five others who just eat at the house. By doing this, Sigma Chapter has been able to keep open. We have high hopes of keeping open for the duration.

Sigma of Theta Tau has had the honor of having one of its alumni members become the first Theta Tau to attain the rank of Brigadier General. Colonel LeMay, who was mentioned in a former report to THE GEAR was promoted to the rank of Brigadier General.

The last item to mention is that Prof. C. H. Wall is still the faculty adviser of Sigma of Theta Tau.

Yours in H & T,
NATHAN FOLJAMBE,
Corresponding Secretary

Tau Has Not Suffered



In response to the call for Chapter letters I am sending the following information:

Chapter Officers are: Regent, Paul Herzog; Vice-Regent, Harold Smith; Scribe, Arthur H. Heidgerd; Treasurer,

Harold Greiner; Corresponding Secretary, George Meyer; Marshal, Dante Ross; Outer Guard, Julius Brenner; Inner Guard, Edward Karkut. Our Chapter adviser is Professor Edward F. Berry. The number of actives at the present time is 35.

The Tau Chapter of Theta Tau was not as hard hit by the war conditions as were most of the other campus organizations. This was due to a great number of II-A deferments for specialized training. As a result the chapter

has not been weakened in membership. However, Tau Chapter is co-operating in the campus war effort by contributing to the Campus War Chest Drive. Several Brothers are actively engaged in the drive. Edward Karkut, Inner Guard, is Co-Chairman of the drive.

The Chapter plans to continue actively in the future, and is at the present time planning for the annual semi-formal Engineers' Ball. Election of officers will be held at the next formal meeting in early November.

There are various alumni doing their bit in the service. Brother Donald Bakeman, C.E. '44, was recently elected president of the local chapter of the A.S.C.E. at Columbia University. I regret not having more news of our alumni in the service.

Yours in H & T,
ARTHUR H. HEIDGERD, Scribe

Phi Has Passed the Crisis



The Army and Navy really did things to Phi this past summer. Those few men who did not leave with the advanced R.O.T.C. in April, were called early in May by the E.R.C. Only two of us started the sum-

mer semester. We pledged three men, but lost two of them immediately when they dropped out of school to join the Navy. However, the Navy soon sent Bros. Wildermuth and Tinsler back to the campus in the V-12 program. Initiation was held for Bros. Faulkner and Smalldridge on June 16.

On July 1st the Sigma Alpha Epsilon and Phi Gamma Delta fraternities moved into the

house with Bro. Faulkner and I. Once more we had a housefull, even though they were not Theta Taus. This experiment of three fraternities in one house turned out very well for us. At present there are 26 men in the house. With the return of the advanced R.O. T.C. in October and the pledging of two Marines, Theta Tau once more has a strong aggregation on the campus. The other frats are still living in the house, however, because the service men cannot live in the house. It seems as though Phi has indeed passed the crisis and we want to express our thanks to Prof. Springer for the tremendous amount of help he gave us during the summer.

Theta Tau, as the "Theta" part of the Phi Sigma Theta team, was in there pitching when it came to intramural sports. With Bros. Schwartz and Keyser doing the pitching, the team went to the finals in both summer and fall softball. Bro. Keyser was also a member of the varsity baseball pitching staff that won nine out of fourteen games.

We were right at the top in the social standing this summer, also. Each of the three frats in the house took turns giving dances and as a result, there was a dance in the house nearly every weekend. The high spot of the summer was the visit of Lt. Rudy Vallee of the U.S. Coast Guard to the chapter house after a concert by his "Lucky Leventh" Coast Guard band. Accompanying

Lt. Vallee were Commander Bartley, in command of the V-12 program, and his aide, Lt. Comm. Keighly.

The present officers are: Regent, Sterling Keyser; Vice-Regent, Carl Androff; Scribe, Joe Kotarski; Treasurer, Harry Schwartz, Marshal, Dick Wildermuth. The other offices are to be filled.

Our advisers are: Prof. G. P. Springer, Prof. H. L. Solberg, Prof. D. D. Ewing, Prof. W. B. Sanders, Prof. A. N. Topping, Max Adkins, Nick Trbovich, Capt. J. C. Vanderford, Capt. V. M. Wann.

As near as we can tell there certainly will be one active on the campus and ten actives and two pledges *probably* on the campus in December.

As to what the future holds, none of us can tell. We expect to pledge some men in November at the start of the new semester. One thing is certain, however—we are going to keep the house. Drop in whenever you get the chance. Whether any Theta Taus will greet you depends on our draft boards. We were unable to publish "The Link" this year but hope to do so soon. Wishing all of you the best of luck, Phi says good-bye until another GEAR.

YOURS IN H & T,

STERLING KEYSER, Regent

P.S. Anybody want a dog? Blondie is expecting again!

Chi Chapter Inactive



Chi chapter will not be active this year because all but one active member are with Uncle Sam. We, here at school, are proud of our ninety-three boys in the service. They are doing very well.

Following are their names,

rank, and last known location.

Andrus, K., Pvt., 1943, Army, Ontario, Calif.
 Angeny, F. G., Capt., 1933, Army, Camp Crowder, Mo.
 Bacon, Ina, Lt., 1928, Army, Aberdeen, Md.
 Bennet, Earl, Lt. (jg), 1931, Navy, New London, Conn.
 Berra, Carl, Capt., 1941, Armored, Ft. Knox, Ky.
 Bluhm, F., Lt., 1942, Air Corps, Utah
 Brown, Leonard, Lt., 1943, Marines, Cambridge, Mass.
 Bly, James, Lt., 1940, Air Corps, Baton Rouge, La.
 Brittain, R., Lt., 1943, Army

Cardon, D., Lt., 1943, Armored, Foreign Service
 Curtiss, C. L., Major, 1935, Army, Ft. Sill, Okla.
 Chase, C. H., Lt., 1939, Marines, Corpus Christie
 Cloud, K. L., Lt., 1934, Navy, Foreign Service
 Diehl, Al, Lt. (jg), 1942, Navy, Daytona Beach, Fla.
 Dindinger, W., Lt., 1936, Army, Ft. Sam Houston, Texas
 Denn, Mike, Ensign, 1936, Navy, Alaska
 Davis, Arthur, Lt., 1934, Army Engr., Marana, Ariz.
 Epley, Bob, 1942, Navy, M.I.T., Boston, Mass.
 Freeman, Waldo, Lt., 1937, Ordnance, Rudford, Va.
 Fink, Al, 1940, Air Corps, Randolph Field, Texas
 Fiedler, Fred, A/C, 1943, Air Corps, New Haven, Conn.
 Garritt, Harry, Capt., 1940, Air Corps, Garden City, Kansas
 Gatlin, Clate, A/C, 1940, Air Corps, Randolph Field, Texas

- Griswold, W. S., 1941, Army, Ft. Lewis, Wash.
 Garrott, James, Midshipman, 1942, Navy
 Houston, Robert, Capt., 1931, Army, South Plains
 Houston, George, Capt., 1933, Army, Dallas, Texas
 Hamilton, Al, 1933, Navy, Mare Island, Cal.
 High, Dick, Capt., 1940, Armored, Ft. Knox, Ky.
 Huber, Waldo, Major, 1932, Air Corps, Luke Field, Ariz.
 Jimerson, H., Capt., 1925, Army, Prisoner
 Jones, Orville, Ex. 44, Marines, Boulder, Colo.
 Kerr, J. R., Ensign, 1940, Navy, Tucson, Ariz.
 Kiernon, P. R., Capt., 1932, Air Corps, Blythe, Calif.
 King, F. R., Lt., 1940, Cavalry, Ft. Bliss, Tex.
 Kotedi, Harry, Lt., 1940, Army, Alabama
 Komadina, George, Pvt., 1943, Ft. Benning, Ga.
 Knight, S., Ensign, 1941, Navy, Camp Perry, Va.
 King, Tom, Midshipman, 1943, Navy, Annapolis
 Kimsey, Wm., Midshipman, 1943, Navy, Annapolis
 Kinney, Wm., Lt., 1943, Army, California
 Lamothe, C., Major, 1939, Air Corps, Tucson, Ariz.
 Losee, F., Major, 1932, Air Corps, Texas
 Loving, I. C., Lt., 1940, Armored, Camp Beale, Calif.
 Lowe, Lewis, Lt., 1940, Armored, Ft. Knox, Ky.
 Lyon, O. T., Ensign, 1942, Navy, Camp Perry, Va.
 Lynn, Richard, Lt., 1937, Air Corps, Dodge City, Kans.
 Marum, Ed., Ensign, 1937, Navy, Foreign Service
 McNary, J., Capt., 1934, Armored
 McPherson, J., Capt., 1940, Army, Ft. Riley, Kans.
 Morcomb, H., 1934
 Morrison, Lu, Lt. (jg), 1938, Navy, Pacific
 McMullen, H. H., Capt., 1931, Army, Prescott, Ariz.
 Medford, A. J., Ensign, 1939, Navy, Foreign Duty
 Nicholas, C., Ensign, 1939, Navy, U. S. S. Virginia
 Nourse, Wm., 1944, Marines, Boulder, Colo.
 Pearson, Art, Lt., 1937, Air Corps, Bowman Field, Texas
 Peters, George, Capt., 1931, Army, Foreign Duty
 Polk, O. H., Lt. (sg), 1933, Navy, Columbia Univ., N. Y. C.
 Pinkely, A. B., Ensign, 1940, Navy, Wisconsin
 Palicio, Fermin, Pvt., 1943, Army, Camp Roberts, Calif.
 Pelusi, C. P., Lt., 1942, Air Corps, Missing in Action
 Pratt, M. E., Lt., 1942, Armored, Camp Beale, Calif.
 Pierce, G. H., Ensign, 1938, Navy, Camp Perry, Va.
 Raymond, H. S., Ensign, 1937, Navy
 Raucher, J. L., Capt., 1936, Army, Roswell, New Mexico
 Rittenhouse, L., Ensign, 1940, Navy, Camp Perry, Va.
 Sabb, D., Capt., 1939, Army, Foreign Duty
 Rich, Merl, Lt., 1942, Army, Ft. Meade, S. D.
 Sparks, W. L., Lt. (jg), 1942, Navy, Harrington, Fla.
 Stewart, Hal, Lt., 1941, Marines, Missing
 Shelly, George, Ensign, 1942, Navy, Jacksonville, Fla.
 Stevenson, R. W., Ensign, 1942, Navy, Norfolk, Va.
 Sherman, F. W., P.F.C., Ex. 43, Army, Rapid City, S. D.
 Stearns, W. L., A/C, 1943, Air Corps, New Haven, Conn.
 Soule, Van H., A/C, 1944, Army, Gardner Field, Calif.
 Sohrn, H. M., Pvt., 1938, Army, Wilson, N. C.
 Thomas, Wm., 1937, Air Corps, Chanute Field, Ill.
 Tizard, Wm., Lt., 1942, Army, Bradley Field, Conn.
 Van Loo, W., 1938, Hawaii
 Vail, Herb, Lt., 1943, Army
 Walser, Paul, Lt., 1940, Air Corps, Foster Field, Texas
 Wishart, Wm., Lt. (jg), 1930, Navy, Boston, Mass.
 Young, Ed, Capt., 1938, Air Corps, Santa Ana, Calif.
 Nelms, C., Midshipman, 1944, Navy, New Mexico
 Dunaway, R., Pvt., 1943, Army, California
 Keller, F., CMZC, 1935, Navy, Foreign Duty
 Finn, N., Midshipman, 1945, Navy, N. M.
 Olbert, D., Midshipman, 1945, Navy, N. M.
 Mullen, D., Midshipman, 1944, Navy, N. M.
 Miller, D., Midshipman, 1945, Navy, N. M.
 Bamerio, R., Lt., 1943, Army, Westover, Mass.
 On Founders' Day, Oct. 15, 1943, we held our annual dinner at the Old Pueblo Club. The alumni present greatly outnumbered the actives. After enjoying a hearty meal, letters were read from many of the old members who were not able to return. A good time was had by all.

Until Chi becomes active again,

Yours in H & T,

ROBERT G. HIGH, Treasurer

Psi Thrives on $V=12s$



Small in number but willing in spirit, Psi's eight returning actives are carrying on as usual. Two of those members,

Regent John Combo and Vice-Regent Bob Sullivan wear the uniform of the U. S. Navy, and Scribe Tom McKenzie will don the Navy garb at the Montana School of Mines before this letter reaches the press. Pledges Harry Hunter, Arden Blair, Bill Burrows, Arthur Bigley and Al Lense are also clothed in Navy blue, but Al Lense is being transferred to midshipman's school at Norfolk, Virginia, November 1. We hate to see Al go as he has done such a good job as leader and manager of the outstanding Navy V-12 orchestra at M.S.M.

Some vital statistics for Psi Chapter are as follows: Chapter officers—Regent, John X. Combo; Vice-Regent, Robert E. Sullivan; Marshal, Bernard McDonald; Inner Guard, Edwin W. Stevens; Outer Guard, Jack B. McCoy; Scribe, Tom McKenzie; Treasurer, Charles V. Campbell; Corresponding Secretary and Publicity Director, Neil P. Dwyer. Chapter Adviser—Professor O. A. Dingman. Psi has 12 actives and 12 pledges at the present time.

All this talk about the Navy has probably brought to your mind the question, "Where does the Navy come in?" Over three hundred of the three hundred and fifty students at this institution are Navy V-12 students. Of that number an appropriate proportion are eligible and qualified for membership in Theta Tau so we are sure of continued functioning of the fraternity at this school. A pledge week will be held late in November as will initiation.

Some mention of the great number of active members who were called to arms by their country beginning last February is due. Psi's service scroll bears stars for the following men, two of whom (Herb Eck and Sidney Engstrom) are on the fighting front.

Clarence B. Swanson, '44
Rudy Forhan, '44
Sidney Engstrom, '44
Herbert Eck, '44
Judson Whitman, '43

J. B. Calkins, '43
Wm. H. Lehfeldt, '43
Bob Burns, '44
Clint Miller, '44
Willard Leskala, '43
T. K. Shea, '43
Henry Roletto, '43
Emmet Gilmore, '43
Ed King, '43
Koehler Stout, '44
Vincent Stermitz, '44
Clarence Nordstrom, '43
Terrance Kirkland, '43
Francis Smith, '43
Alvin Nelson, '42
Robert Thompson, '44
Jack Nordquist, '44
Harold Johnson, '44
Jean Hardesty, '44
Alfred Saterdal, '44
Terry G. Horne, '44
Robert C. Lydord, '44

Brothers will be glad to hear about the June weddings which united Carol J. Ward and Miss Margaret Gilbert, and, also, J. Stanley Huckaba, and Miss Jeanne Clark. More recently, in September, Clifford A. Barkell stood at the altar and exchanged nuptial vows with Ethel Hurwitz. We extend our best wishes to all.

Socially Psi has not been inactive. Late in September the Chapter sponsored an all school dance in honor of the Navy V-13 students stationed in Butte, and the usual good time was had by all. October 23, the Annual Fall Formal in honor of Founders' Day was held in the nationally known Copper Bowl in the Finlen Hotel in Butte. The support of a large alumni delegation made the party extremely successful.

Visitors to Chapter quarters late last spring included Stanley Kappel and his newly taken bride. Stan and his wife stopped in Butte on their way from South America to Canada and were heartily welcomed. Charter member of Psi, Ralph Utt, paid us a short visit while waiting for the next plane out of Butte. Ensign "Duke" Fopp also passed through Butte on leave late last spring.

That's all now.

Yours in H & T,

NEIL P. DWYER, Corresponding Secretary

Omega Chapter Intact



I have compiled below, the information that you requested for THE GEAR. It is a little late but I hope not too late.

The new chapter offi-

cers are: Regent, C. A. Dickey; Vice-Regent, Jack Nelson; Corresponding Secretary, Walt Johnson; Treasurer, Elwood Strom; Scribe, Robert Kulpove; Marshal, William Benn; Outer Guard, Scott Burrill; Inner Guard, Lloyd Darnell.

The Adviser is Prof. J. D. Bump. The number of actives and pledges is twenty-seven.

Omega chapter, despite recent graduations and losses of others to service, has still enough actives left to keep its chapter intact. We expect to maintain the house for at least three quarters—after which we cannot foretell.

Following is a list of the Omega men in service:

William Griffith, A/S (V-12)

George Erickson, A/S (V-12)

Carrol Jacobson, A/S (V-12)

Ensign Elmer Brevick

Arnold L. Wilcox (Seabees)

Durwood Reinecke A/S (V-12)

Kenneth C. Kinne, A/C

Robert A. Schamber, A/C

Kenneth Bluhm, A/S

Robert Reid, (Naval Air Cadet)

Yours in H & T,

WALT JOHNSON

Corresponding Secretary

Gamma Beta is Solid



Greetings to all Theta Taus from Gamma Beta Chapter wrapped up in this busy little village of Washington, D. C. Things are humming in the Nation's Capitol these days and we as Theta Taus are not be-

ing idle either. Main feature of note recently was the Founders' Day Banquet and Dance held at the Roger Smith Hotel on October 16th. It was quite a gathering; seventeen alumni were present, and six of the eight former regents of Gamma Beta chapter were there. They were J. Harold Link, '35; Charles Michelson, '38; Ira K. Jones, '39; Carl G. Estabrook, '40; George P. Kalv, '41, and Ben Genua, '42. Brother Col. Norman B. Ames, the "Deacon" to us, was there to inspire us with his sage advice and observations. We were honored to have Dean Frederick M. Feiker, head of the Engineering School here at George Washington University, with us . . . and he's a jolly good fellow too.

Six new pledges who had completed their duties satisfactorily were initiated into the fold; they were James Skiles, George Gemunder, Dan Andrich, Henry Heine, Al Barauch, and Bill Andrews. They bring the total number of actives up to twenty-six. During the banquet the pledges gave a skit. During intermission of the dance two reels of movies taken during previous years at Gamma Beta chapter were shown.

Awards were in order too at the big banquet . . . Lou Berkley and Fred Holcomb were presented with fancy certificates stating that they, each individually, had written a Theta Tau song worthy of the prize during the Gamma Beta "Song Contest". It might be added that the songs were good enough to win even though the chapter as judge was forced to listen to the authors sing their songs. Can more be said? In addition they were awarded "all the beer they could drink

at one sitting." Gamma Beta would also like to thank Iota Chapter for being so kind as to send us a copy of their "One Hundred Beer Bust Tunes". In another field of achievement recognition was given Brothers Ed Berdahl and George Kilpatrick since they have become fathers for the first time—a girl and a boy respectively. They were awarded each a "diaper bag" by the indomitable, honorable alumnus, Bob Weston, who, being a man of experience, made the presentation on behalf of the chapter. It has become the custom recently to make such a presentation to brothers who have become fathers for the first time. Someone suggested, in anticipation we presume, that we see about buying these diaper bags wholesale! Maybe it wouldn't be a bad idea.

Much closer cooperation with alumni members is being sought. The last long meeting was a joint meeting of alumni and actives. It has for some time been the custom to write to one alumnus or inactive member, who cannot be with us because he is now serving in the service of our country, at each long meeting. We pass the letter around, each brother adding his own individual bit, and soon a big fat letter is wending its way to some "brother-serviceman", wherever he may be. To those of you who are in the service but have not heard . . . your turn is probably coming up next. We have a large service flag with 29 stars, two of which are gold. The latter are in honor of Brother Francis K. Finan, a Lieutenant in the Marine Corps who was killed during the landing at Guadalcanal, and Brother Albert G. Seidler who died of a throat infection while attending the Officers Candidate School, U. S. Army Signal Corps, Fort Monmouth, New Jersey. We honor them for their supreme sacrifice. The blue stars on the flag represent Tom Johnston, Carl Estabrook, Bert Randall, William Mooney, Harold Thomasson, Clifton Williamson, Lewis Meyers, William J. Ellenberger, Robert H. Randall, Norman B. Ames,

Joseph A. Hartman, Kenneth R. Sommer, Guy B. Watson, Gus Millard, Lewis Noecker, Lee J. Huntzberger, John Basel, John H. Rixse, Jr., Gilbert Brooks, Lawrence Froyd, Warren Stewart, Jr., Alonzo M. Thomas, George Kalv, Dirk Brady, Eugene Dedick, and Ed Shytle. We'd like to hear from all of them.

Our officers at present are: Julius C. Ritter, Regent; Dick Fenton, Vice-Regent; George Cunney, Jr., Scribe; Dave Carlson, Treas.; Rafe Cahn, Ass't Treasurer; Merrill Brown Inner Guard; Ewing Ballon, Outer Guard; Ed Berdahl, Corresponding Secretary, and Ben Genua, Marshal. Ben Genua is responsible for having compiled our present pledge manual, a copy of which is presented to each pledge giving him the information he should have. Our chapter adviser is Brother Col. Norman B. Ames of the Army Air Force. He has invited us out to his home for a get-together that will probably take place in November. We are indeed lucky to have him as adviser and brother.

Last June Brother Chet Thom invited us out to his place to hold our farewell party for the graduating seniors . . . we are indebted

to Chet and his wife for a splendid time. Brother George Cunney, Jr., arranged to have the "pledge party of the summer" at his home. He was a good host, as those who were there can testify.

Well, Theta Tau pretty well runs the Engineering activities around the University. Six of the actives are also members of the honorary engineering fraternity, Sigma Tau. The chief editors of the engineering school's paper *The Mecheliciv* are Theta Taus. The Engineers Council, which coordinates the extra-curricular activities of the Engineering School, as well as the officers of ASME, ASCE, and AIEE contain a large percentage of Theta Taus. A Theta Tau banner is on the wall of the Engineers' Lounge. All in all, Theta Tau remains quite active here in spite of the war, mainly because most of the fellows hold responsible jobs in War or Navy Dept. and in addition attend school at night. It keeps them busy to say the least. So much for now, and best wishes to all.

Yours in H & T,

EDGAR O. BERDAHL,
Corresponding Secretary

Delta Beta Keeps Its Head Above Water

LOUISVILLE



Due to the war our chapter is facing a rather crucial time during which we are reduced to twelve active members and a limited and unreliable number of prospective pledges. Our income does not suffice our needs, and plans to either sell or refinance the house are being considered with the idea of safeguarding the future of the chapter more than insuring the privileges that we might now enjoy.

On a meeting of July 7, 1943, the election of new officers was held. Brother Gordon Caldwell is the new Regent; Vaughn Anderson is the Vice-Regent; Robert Ditto, Scribe; Joe Wolf, Treasurer; Zeno Zabban, Corresponding Secretary. Professor M. G. Northrop, head of the Electrical Engineering Department here at the University of Louisville has been chosen honorary member and faculty adviser.

In the past few months several members have achieved distinction through scholarship and leadership, and we would like to recognize them individually. Brother Joe Wolf was elected President of the Inter-fraternity

Council; Brother Gordon Caldwell was elected member of the All Campus Student Council; Brother Dominic Mattei was appointed to the Honor Council, as representative of the Sophomore Class; Brother Charles Buckman was voted Treasurer of the Student Branch of the American Society of Mechanical Engineers; Brother Zeno Zabban was inducted into the Sigma Tau Honorary Engineering Fraternity, was elected president of the Junior Class, and received the Sigma Tau Sophomore Award.

As expected, several of our members (totaling twenty-four since the last issue of *THE GEAR*) are now serving in the Armed Forces. Of them, Brothers Henry Kleier and Leo Kuhn are known to be overseas. We deplore the loss of Brother Lt. Harry Sibley, Jr., killed in a plane crash over Florida.

In closing this list of information from the Delta Beta Chapter, we take advantage of the opportunity to wish prosperous events to all the other chapters in the fraternity for the coming year of 1944.

Yours in H & T,

ZENO ZABBAN,
Corresponding Secretary

Northwest Alumni Association Receives Charter

Past President Rayworth Howe forwarded your letter of October 7 to me, and I am glad to report that in spite of the war we are still active as a Theta Tau Alumni organization. We were informed by Grand Scribe Schrader that an Alumni Association Charter was granted to our group at the last meeting of the Executive Council. This bit of news was warmly welcomed at our last meeting, and we are looking forward to receiving the charter.

The Association held its first fall meeting, together with actives of Psi chapter, Wednesday evening on Montana School of Mines campus. Two talks were heard, the first by Max Crittenden of the U. S. Geological Survey, who spoke on the recovery of manganese from low-grade ores, and the other by Lt. Saul Mackoff, medical officer attached to the V-12 Navy program at Montana School of Mines. Lieutenant Mackoff spoke from personal experience in the South Pacific during the current war. At this meeting it was decided to hold a semi-formal Founders' Day dinner dance in the Copper Bowl of the Finlen Hotel on Saturday, October 23 for all Theta Taus in this area. Twenty couples

attended the affair and spent a very enjoyable evening together.

At our last business meeting it was decided to hold at least three meetings annually instead of two, so that we may become more active as an Association than we have been heretofore as a club. Duncan J. McNeil, Epsilon '43, and Max D. Crittenden, Epsilon '39, are now in this area and attended the last meeting. McNeil is in the Engineering Dept. of Anaconda Copper Mining Company, and Crittenden is with the U. S. Geological Survey. Robert Lawson, Psi '37, and Robert Blake, Psi '37, are back in Butte again, after being in foreign countries for the past few years. Lawson just returned from India and is still with Ingersoll Rand in its Butte office, and Blake came up from Mexico to work for Domestic Manganese in its new mill here.

Our present officers are: President, D. E. S. Perry; Vice-President, Prof. Morton Smith; Sec.-Treas., Ernest E. Thurlow; and Executive Council, Robert Lawson, Otis Fenner, and John Conrow. Psi and Omega took control of the offices, as Fenner and Smith are both Omega men, and the rest are from Psi.

Yours in H & T,

ERNEST E. THURLOW, Sec.-Treas.

National Capitol Alumni Association Busy

The meager information contained herein has been obtained under considerable difficulty due to the war situation. Your letter of October 16 arrived just before I left the city on a business trip for the Signal Corps. The results of the trip were an increase in activity at my office such that I have worked nearly every night and Sunday since my return in addition to regular working hours. This is not intended as an alibi for my shortcomings, but rather as an example of conditions among Theta Taus here in Washington.

An informal meeting of the N. C. A. A. was held August 24 at Ray Matson's home in Silver Spring, Maryland. Eleven members were present including past grand officer Nor-

man B. Ames. It was the sense of this meeting that our activities would have to be severely curtailed for the duration. Specifically the annual fall roundup has been called off.

In reply to your request for a roster of our officers, they are the same as previously reported since elections are held biennially. They are: Wm. J. Ellenberger, President; George E. Rhine, Vice-President; George M. Lohnes, Secretary-Treasurer; and Frank Mitchell, Jr., Ass't. Secretary-Treasurer.

That's about all I can report at this time.

Yours in H & T,

WM. J. ELLENBERGER
President, N. C. A. A.

Los Angeles Alumni Club Limits Meetings

Brother Douglas has just handed me your letter regarding the Fall issue of THE GEAR on which we have the following to report.

Our last Dinner Meeting of the Los Angeles Alumni Chapter was held April 28, 1943, at the Hotel Clark. We had an excellent speaker, Mr. Edmund Besselièvre of the Dorr

Manufacturing Co., on Argentina's position in the war. Twenty members were present. It was decided that due to war conditions, our meetings should be limited to two a year—a spring and a fall meeting. The fall gathering is scheduled for November 17.

Information on Alumni in the service is

very limited; however, we have solicited the assistance of all members on this matter and as soon as the return cards are received, we will make a recap of the lists for your use. This data should be completed and mailed by November 19.

Robert Ebaugh, Treasurer; W. F. Norton, Secretary; and R. A. Calhoun, Employment Secretary.

The executive committee included the above plus: Lewis E. Arnold, R. D. Spencer, C. J. Dean, and R. W. Van Velkinburg.

The following men are in the service: Sm. Carroll, Norman Winter, Lt. Col. R. D. Spencer, U.S.E.D., Salt Lake City, Utah.

Practically all our members are engaged in

war industry in some form or other, and in order to give all due credit would require the listing of the entire roster.

Since the last issue of THE GEAR, Brother Marcus Callahan has passed away; however, we believe you have complete information on this as his Brother M. C. Callahan wrote Brother Schrader fully.

The present officers are: T. J. Douglas, President; Victor Matson, Vice-President;

We hope a spring issue of THE GEAR will be possible and that our contribution is not too late.

Yours in H & T,

W. F. NORTON, Secretary

Intermountain A. A. Active

Sixty-eight Theta Taus celebrated Founders' Day at a banquet on November 6, 1943, at the Beau Brummel Cafe in Salt Lake City. Harry W. Robbie, Lambda '37, came from Bismarck, North Dakota, to attend the banquet. Ray J. Bowen, Lambda '35, and Frank Y. Hicks, Beta '14, came from Dragerton, Utah, to the banquet. Arthur C. Deck, Lambda '28, Managing Editor of the Salt Lake Telegram, was toastmaster. His wit kept the group in high spirits.

R. C. Jordon, formerly a foreign correspondent and now Managing Editor of the Deseret News was the main speaker. He

landed at Pearl Harbor on the first ship to arrive after Dec. 7, 1941, and after that spent many months with various task forces all over the South Pacific. From his personal observations Mr. Jordon concluded that we greatly underestimate the power of the Japs.

The Intermountain Alumni Association of Theta Tau extends a hearty invitation to all Theta Taus to attend one of our banquets. Our next banquet will be held about Feb. 26, 1944. Plan your travels so you can be in Salt Lake City at that time.

Yours in H & T,

C. MILTON ANDERSON, Secretary

SOUNDS REASONABLE

The manager of the telephone company received a complaint from an old maid customer about two of his men repairing telephone wires near her home. She wrote that they used terrible language. He asked the foreman for a report and here is what he received: "Me and Joe were on that job, and I was up on the pole and accidentally let some hot ead fall on Joe and it went rown inside his shirt. Then Joe called up to me in a quiet tone of voice, 'You really ought to be more careful, Bill.' That's all."

A visitor to a Texas city askeed the hotel manager what attraction the community offered.

"A helium plant," replied the hotel man. "The only one of its kind in the world."

"My," exclaimed the tourist, "I hope it's in full bloom."

the game warden?"

Game Warden: "Yes, mam."

Voice: "Well, thank goodness, I have the right person at last! Would you please suggest some games suitable for a children's party?"

Mary had a little dress,
Dainty, chic, and airy;
It didn't show the dirt a bit,
But, gosh, how it showed Mary!

Alumni Notes

ALPHA

- MILF PITCHER FOX, '10, holds the rank of Colonel, Corps of Eng., U. S. Army. Address: Secy. Mississippi River Comm., Vicksburg, Miss.
- GREELEY LADD, '12, is Secretary-Treasurer of the Lavis Co. and he resides at 2728 Dean Blvd., Minneapolis, Minn.
- L.T. COL. HENRY J. MATCHETT, '13, who is a member of the N. C. A. A. Executive Committee, has returned to the city after an absence of almost a year. He is attached to Section G-3 of the General Staff of the U. S. Army.
- EDWARD HAROLD GOE, '19, is Lt. Col. Eng. Corps, office of Chief of Engineers, Washington, D. C., and resides at 2627 South Grant St., Arlington, Va.
- ALVA J. HALEY, '25, mining geologist for the Great Northern Ry. Co. has been appointed a Captain in the Specialist Reserve attached to the Provost Marshal General and has reported to its school at Fort Custer, Mich.
- WM. F. THOMPSON, '30, is a captain in the Signal Corps, U. S. Army, 1st Signal Troop, Ft. Bliss, Texas.
- CLIFFORD O. ANDERSON, '32, is assistant Prof. Mechanical Engineering Department, Iowa State College, Ames, Iowa.
- ALLAN A. HUTCHINGS, '32, is located in Philadelphia as sales engr. with Sears Roebuck & Co. He gives his address as 6124 N. 17th St., Philadelphia. He was formerly with the Your Ice Machry. Co. as Sales Engineer.
- LOUIS PHILLIP SCHMITT, '33, is electrical engineer with the Joslyn Co., 70 Pine St., New York City.
- BERNARD ROY PRUSAK, '41, is engineer for the Soo Line in Minneapolis and lives at 215 Walnut St. S. E.
- HERMAN FRANCIS DAVIES, '21, is Vice-President and Director, The California Co., in San Francisco, and resides at 32 Ross Circle, Oakland, Calif.

BETA

- GEORGE A. MORRISON, '04, has returned to his home in Akron, Ohio, after completing his contract with the Columbia Chemical Division of the Pittsburgh Plate Glass Co. at Barberton, Ohio. He sank two shafts, 2258 and 2323 ft. deep respectively and developed a limestone mine for modern mechanized operations.
- ROBT. B. PHILLIPS, '05, is at Tapiocia, Sinaloa, Mexico.
- CARL FREDERICK SCHABER, '12, is Mining Engineer for H. A. Brassert & Co. Address 60 East 42nd St., New York City.
- CHARLES G. THIELICKE, '12, assistant general manager of Lake View & Star Ltd. in Australia, is on a six month's vacation and can be addressed at 610 13th St. S., Escanaba, Mich.
- JOSEPH DAVID, '15, is on the staff of B. E. W. and is addressed c/o U. S. Purchasing Commission, Calle Presidente Wilson No. 136, Rio de Janeiro, Brazil.
- WM. JUNE WHATLEY, '20, can be found in the Mechanical Engineering Dept. of Robert and Co. 706 Bona Allen Bldg., Atlanta, Georgia.
- ROY W. DRIER, '21, assistant professor of mining engineering at Michigan, has been made a Lieutenant Commander, U. S. N. R. and is acting as assistant to the inspector of naval material at Bethlehem, Pa.
- ROSSER COOPER BROPHY, '26, is mine fore-
- man for St. Joe Lead Co. and his mailing address is P. O. Box 357, Rivermines, Mo.
- CYRIL BENNETT ROBB, '26, is Special Engineer for Carnegie Illinois Steel Co., in Chicago, Illinois. His address is 6223 Champlin Ave., South Chicago.
- ORSON A. ROCKWELL, '29, is Asst. Supt. of Sunrise Mine, C. F. & I. Co., Sunrise, Wyoming.
- JOSEPH LOGSDON ALBERT, '36, is a 1st Lt. Corps of Engineers, U. S. Army, and mail should be sent to 2518 West B., Torrington, Wyoming.
- ROBERT WILLIAMS, '38, sends his address as 10 Hillcrest Rd., Arlington, N. J.
- JOHN MYERS BENSON, '41, is Quarry Foreman, Bethlehem Steel Co., New Oxford, Pa.
- EDWARD THEODORE KUBILINS, '42, is an Ensign U. S. N. R. with mailing address 916 Lemuel St., Muskegon Hts., Michigan.
- ROBERT HALL, '42, and GERALD WALZ, '44, are with the Army Air Corp in Florida.
- WENDELL R. DAVIS, '43, joins the list of Theta Taus in the service. Mail will reach him through 118 8th Ave., Brooklyn, N. Y.
- ROBERT DORR, '43, is in the Army Air Corps and is stationed in Florida.
- Beta's beloved house mother, Mrs. Harrington, better known as "Mom" to the men of Beta, has taken a position at Michigan State College until Beta Chapter reopens.

GAMMA

- WILLIAM MURRAY LEWIS, '09, Vice-President, Layne-New York Co. is now addressed at 431 Market St., Camden, N. J., the company having moved their offices.
- JOHN H. EAST, JR., '10, mining engineer in the safety division of the U. S. Bureau of Mines, has been transferred to Denver, Colorado, where he is in charge of the bureau's Denver office. His home address is 3427 Vine St., Denver, Colorado.
- CHARLES M. GLASGOW, '10, is living at the Chapman Park Hotel, Los Angeles, Calif.
- W. C. DOUGLASS, '11, who has been manager of the Kelowa Exploration Co. at Hedley, B. C., has been transferred to the New York office at 75 West Street, as general manager and director. He will also have the same position with the South American Development Co. and the Cotopaxi Exploration Co. of Ecuador.
- STANLEY M. WALKER, '11, is with the U. S. Bureau of Mines in Salt Lake City, Utah, where his address is 1600 East 1st South.
- HAROLD L. BICKNELL, '16, spent the summer at his home on Lake Shore Road, Douglas, Michigan.
- OTTO H. METZGER, '19, who has been mining engineer for the U. S. Bureau of Mines in Arizona, Nevada, and more recently in Portland, Oregon, is now on the staff of the Union Mines Development Co. with headquarters at 404 First National Bank Bldg., Grand Junction, Colorado.
- W. A. CONLEY, '19, supt. for Cia Minera Asarco, has a new address at Carbo, Sonora, Mexico.
- REX J. ALLAN, '22, formerly with the California State Highway Dept. in Sacramento, is now Major in the Eng. Corps, U. S. A., and head of the U. S. Engineers division at San Jose, Costa Rica, building the Inter-American Highway.
- HUGH M. CONNORS, '22, is now Lt. Col. and overseas. His address is A. P. O. No. 9, c/o Postmaster, New York.
- LATHAM C. SQUIRE, '22, is Lt. Comdr. U. S. N.R., Bureau of Aeronautics, Navy Dept., Washington, D. C.
- E. O. BINYON, '23, associate mining engineer for the U. S. Bureau of Mines can be addressed at P. O. Box 1047, Reno, Nevada.
- M. H. ROBINEAU, '23, is president of the Frontier Refining Co., Cheyenne, Wyoming.
- EDWARD S. MCGLOTHLIN, '23, general superintendent of mines at Butte has been appointed to the newly created position of General Manager of Mining and Metallurgical Operations in Montana and Idaho for the Anaconda Copper Mining Co.
- HOWARD F. KELLER, '24, is now with the Bolivian Tin & Tungsten Mining Corp., Huanuni, Bolivia.
- LEROY T. BROWN, '26, who returned from Cuba last year, is now assistant plant superintendent for the Amco Magnesium Corporation at Wingdale, New York.
- WAYNE H. DENNING, '26, has returned from Brazil where he was manager of operations of the United Geophysical Co. He can now be addressed in care of that company 591 East Colorado St., Pasadena, Calif.
- JOE McNEILL, '28, former football star, is now Captain with the Argyle and Southland Highlanders of the British Army. He entered the British forces at the beginning of the war and has seen active duty since. Two years ago in the taking of Marda Pass in Ethiopia, then a first lieutenant, he was awarded the British Military Cross for conspicuous bravery in action. He was wounded in the fighting against the Axis in Tunisia but information received by his brother Harry McNeill, Gamma '24, stated that he was being moved gradually from Tunisia to a base hospital and was recovering.
- JAMES R. W. WELLS, '29, generally known as "Red" Wells among his friends, was taken prisoner by the Japs on Bataan and is now in Camp Osaka, Japan. His wife has not heard directly from him since March, 1942, when he was still on Bataan. She is living at 2102 Cornell Road, Cleveland, 6, Ohio.
- W. W. CLINE, ex '29, Vice-President of the Rocky Mt. Drilling Co. has a new residential address at 4218 Vista Bonita Way, La Canada, California.
- JAMES H. HOOK, '29, is senior medical officer of the Navy training school at the University of Missouri. After taking his mining degree he attended and graduated from the Baylor University School of Medicine.
- THOMAS L. WELLS, '29, is 1st Lt. Grp. 61, 3rd Marine Aircraft Wing, FMF, U.S.M.C. Air Station, Cherry Point, North Carolina, and expects to be stationed there for some time.
- CHARLES H. JENKINS, '29, engineer for Stearns Rogers Co. is living at 914 16th St., Golden, Colo.
- BEN F. ZWICK, '29, formerly field superintendent for the Tropical Oil Co. is now with International Petroleum Co., Ltd., Apartado 803, Guayaquil, Ecuador.
- HIAL GENERT, '30, district superintendent for The Texas Co. has been transferred to Cut Bank, Montana.
- LAWTON CONGER, '30, is associate engineer, U. S. Engineers, Department of Fortifications Subdivision, in Hawaii, and resides at 902-B Prospect St., Honolulu, T. H.
- HAROLD E. EADS, ex '30, Lt. Col. U.S.A., has

- a new address at A.P.O. 929, San Francisco, Calif.
- MAX C. SCHEBLE, JR., '30, announces the birth of a daughter, Mary Susan, on April 30, 1943. He is engineer for the Columbia Steel Co., and resides at 632 No. 4th East St., Provo, Utah.
- THEODORE W. SESS, '30, Major U. S. A., is overseas. Mail should be sent to A. P. O. 928, San Francisco, Calif.
- JAMES C. WILKERSON, '31, left his position as District Manager of the Wilson Supply Co. in Houston, Texas, in June, 1942, to 1st Lt. and sent to Ft. Leonard Wood for training. He is over-seas now and his address is A. P. O. 529, c/o Postmaster, New York.
- EDWARD L. CARTER, '31, has a new office address as Export Manager, for Shaffer Tool Works, 1940 R.C.A. Bldg., 30 Rockefeller Plaza, New York City.
- FRANK HAYWARD, '32, Lt. U.S.N.R. is now being addressed at the Naval Air Station, Moffett Field, California.
- WALTER H. ZWICK, '32, resigned his position as general mine foreman with Cerro de Pasco Copper Corp. to enter the armed forces. He was commissioned Captain and his new address is Co. A, 16th E. T. Bn. E.R.T.C., Camp Abbott, Oregon.
- JOHN M. GARDNER, '33, and PERRY A. GILL, '36, have been together since they joined the army in 1942. They are now overseas, both officers in the engineer corps, A. P.O. 914, San Francisco.
- ROBERT W. HARRISON, '33, dropped his duties as a petroleum engineer and is now a Lt. Engineer Corps, U.S.A., at Camp Claiborne, La. Hq. E.U.T.C. 5-3.
- EDWARD F. KINGMAN, '34, has a new address, A.P.O. 640, c/o Postmaster, New York. He is a Capt., U.S.A.
- LEROY E. HALL, '35, Ensign U.S.N.R., has a new address c/o Fleet Postoffice, New York City.
- DENT L. LAY, '35, Major U.S.A., has a new address as A. P. O. 986, c/o Postmaster, Seattle, Wash.
- PAUL W. SMITH, '35, has a new address, A. P.O. 304, Fort Lewis, Wash. He is a Major in the Army.
- MARK T. GILKISON, '36, is now Lt. Col. U. S.A. and is on the staff of one of our generals over-seas. He is addressed at A. P.O. 627, c/o Postmaster, New York City.
- CARL L. MORRIS, '36, Capt. U.S.A., sends in a new address, A.P.O. 616, New York City.
- GEORGE H. ALLEN, '37, is now Capt., Air Service Command Headquarters, at Fairfield, Ohio. He and family reside at 1627 Overlook Drive, Springfield, Ohio.
- EDMUND F. PETERSEN, JR., '37, and Miss Harriett Hagelin of Jamestown, New York, were married on March 20, 1943, and have since resided in Bolivia where he is mine foreman for Cia Minera Unificada del Cerro Potosi, at Potosi, Bolivia.
- GENE MEYER, '37, formerly with Nevada Cons. at Hurley, New Mexico, is now with Cia Minera y Agricola de Oplaca de Bolivia, Chocaya, Bolivia, S. A.
- HUBERT E. RISER, '37, has been commissioned a Captain in the Corps of Engineers, U. S. Army.
- ROBERT JOHN HUNDHAUSEN, '38, is engineer for the U. S. Bureau of Mines, and resides at 2827 S.E. Pine, Portland, Oregon.
- HENRY B. ESTABROOKS, '38, was called into service in 1941, and sent to Ft. Belvoir. He is now a Capt. Engineers Corps, and he and Mrs. Estabrooks reside at Apt. 212, 922 South Washington St., Alexandria, Va.
- ROBERT J. HUNDHAUSEN, '38, assistant mining engineer for the U. S. Bureau of Mines, is now in Portland, Oregon, where his address is 806 Failing Bldg.
- R. C. MCCUTCHAN, '38, formerly with the U. S. Bureau of Mines, is now in the gasoline department of the Phillips Petroleum Co. in Bartlesville, Okla.
- ELMER R. PEDERSEN, '39, recently returned from a four year employment in East Africa. He was married at St. James Episcopal Cathedral in Fresno, California, to Miss Lorraine Livermore, on August 14, 1943. They are residing temporarily at 446 Clark St., Fresno, California.
- ROBERT J. BLAIR, '39, assistant general superintendent of mines, De Bardeleben Coal Corp., is located in Sipsey, Ala.
- ALLEN S. CROWLEY, '39, has been transferred to the Salt Lake City office of the Hercules Powder Co.
- SCHUYLER HERRES, '39, Lt. U.S.A. with the Watertown Arsenal in Cambridge, Mass., announces the birth of a son, David, on February 21, 1943. Mrs. Herres is the former Helen Cantrell of Denver, and David's grandfather is Otto Herres, Gamma '11, who is manager of the MacIntyre Development of the National Lead Co. at Tahawus, New York.
- CARL R. MADEBACH, '39, joined the army in August, 1941, after serving 18 months as research chemist for the Phosphate Recovery Corp., Mulberry, Florida. He was married Feb. 14, 1942, to Miss Catherine Fuller of Mulberry, Fla., and now he has a son, Carl, Jr., born December 27, 1942. His address is as 1st Lt., A.P.O. 871, c/o Postmaster, New York. His permanent address is Box 463, Mulberry, Fla.
- CHARLES F. REDMON, JR., '39, has a year's leave of absence from the Phillips Petroleum

- Co. to act as unit reservoir engineer for The Texas Co. on the Erath Recycling Project at Erath, La. His address is Box 9, Erath, La.
- J. GARDNER BLYTHE, '40, Lt. U.S.A., is at the Ordnance Depot, Frankfort Arsenal, Penn. His home is at 3500 Lansing St., Mayfair, Philadelphia, Pa.
- J. RUSSELL CHAMBERS, '40, announces the birth of a daughter, Ann Helen, on June 16, 1943. He is with the Guthrie-Tipton Co. and resides at 6129 Beeman, North Hollywood, Calif.
- C. MAC DYE, '40, is now superintendent of the Northern Light Mine at Pine Creek Star Route, Kellogg, Idaho.
- DONALD H. DOWLIN, '40, Lt. U.S.A. has a new address at A.P.O. 634, New York City.
- ANDREW T. SINCLAIR, ex '40, 1st Lt., Air Corps, U.S.A., is on duty as a flying instructor at the Enid, Oklahoma, Army Flying School. He is with the 473rd Basic Flying Training Squadron.
- GEORGE G. YEAGER, '40, is on leave from his duties as assistant to the plant engineer, Republic Mining & Mfg. Co. at Bauxite, Arkansas, his address being Box 218 Paramaribo, Dutch Guiana, S. A., where he is doing some special work. Mrs. Yeager is residing at 411 South Main St., Nashville, Arkansas.
- F. CLINTON EDWARDS, '41, Lt. U.S.A. has a new address at A.P.O. 634, New York City.
- WALTER L. CROW, '41, entered the army shortly after graduation and was sent to Cal Tech for some special courses. From there he was sent to the U. S. Naval Academy and graduated as Ensign in January, 1943. He is now in New London, Conn., for submarine training. He was married on January 5, 1943, to Miss Mary Fitzsimons, daughter of Mr. and Mrs. C. E. Fitzsimons of Idaho Springs, Colorado, in the Naval Academy chapel and they are now residing at 260 Montbank Ave., New London, Conn.
- LOUIS DEGOES, ex '41, is a Capt. in the Air Corps. His home address is Villa Riviera Apts., Long Beach, Calif.
- GARRY W. HUDIBURGH, '41, entered the army immediately after graduation and after a short training at Ft. Belvoir, was sent to Honolulu as a 2nd Lt. He participated in both the Pearl Harbor and Midway engagements. He then was transferred to the air corps at Thunderbird Field. He was married on March 4, 1943, to Miss Ruth A. Beier, daughter of Mr. and Mrs. F. W. Beier, Jr., of Denver, Colo.
- REX FLYNN, ex '42, dropped out of school to enter the army in 1941. He is now a Capt. in the Engineer Corps, A.P.O. 25, San Francisco. As he wrote of having shot a 9-ft. crocodile near camp, at least we know he is not in Alaska.
- JAMES R. LEONARD, '42, Lt. U.S.A., can now be addressed at A.P.O. 3931, c/o Postmaster, New York.
- JOEL M. MOSS, '42, has been with the U. S. Engineers in Alaska but is now in Leadville, Colorado.
- CHARLES E. MULLER, '42, is employed by Ingersoll-Rand Co. in their foundry at Easton, Penn. His home address is 129 Bushkill Street, Easton.
- R. T. REHMEYER, '42, is an ensign U.S.N.R. and is at Quarters D, Submarine School, New London, Conn.
- ROBERT A. HOPPER, '43, A/C B.T.C. No. 1 Sq. E., Sect. 2705, mailing address Boca Raton Club, Boca Raton, Florida.
- FREDERICK C. ALDRICH, ex '44, Lt. U.S.A. is at Camp Claiborne, La.; also LT. ROY. H. EVERETT, '43, Lt. RICHARD F. MOE, 43.
- HORACE DELL REDDING, ex '44, enlisted in the Army Air Corps Reserve in 1942 and when called was sent to Jefferson Barracks, Mo. After five weeks he was sent to East Lansing, Michigan, for further training at Michigan State College.

DELTA

- ROBERT PERRY HESTON, '14, is Partner & Engr. of H. P. Jones & Co. His address is 606 Toledo Trust Bldg., Toledo, Ohio.
- WESLEY POPE SYKES, '16, spends his time with the Cleveland Wire Wks. as Met. Engineer. Sykes is an Honorary member.
- JOHN D. INGRAM, '24, is Catapult Production Engineer of the Wellman Engineering Co., Akron, Ohio.
- JOHN F. SKILLMAN, '26, has been appointed Chief of the Ferrous Metals Section, Materials Branch, War Production Board, Washington, D. C.
- PAUL F. YOST, '26, has announced the birth of a son, Robert Frank, in November 1942.
- MORRIS EDGAR NALL, '27, is Vice-Pres. and Engineer for the Paul W. Elwell Inc. in Cleveland, Ohio, and resides in Aurora, Ohio.
- GEORGE HENRY FISHER, '28, is head of the patent department, Minneapolis Honeywell Regulator Co., Minneapolis, Minn., and resides at 2747 Upton Ave., South, Minneapolis, Minn.
- ROBERT W. OSTERHOLM, '28, was promoted to industrial manager of the Canton Division, Ohio Power Co., at Canton, Ohio.
- ROBERT FLETCHER SIMOKAT, '28, is foreign

- license manager for RCA Radiotron Co. in Harrison, N. J., and resides at 126 Chestnut, East Orange, N. J.
- WILLIAM ALBERT THOMAS, '29, is electrical engineer for E. I. DuPont de Nemours Co. and resides at 2519 West 18th St., Wilmington, Del.
- EVAN WILLIAM VAUGHAN, '30, is engineer for Parsons, Brinkerhoff and Douglas, Apartado 168, Caracas, Venezuela, S. A.
- HARRY D. BAKER, JR., '32, is a Lt. (jg) U.S.N.R.
- LOVELL SHOCKEY, '32, has announced the birth of Katherine Emerson.
- JAMES J. PRENDERGAST, '35, has been commissioned a Captain in the Army and is stationed at San Juan, Puerto Rico.
- GEORGE FRANKLIN BATESON, JR., '37, is a 1st Lt. U.S.A., Cleveland Ordnance Div., and resides at 2870 Clarkson Rd., Cleveland Heights, Ohio.
- SCOTT HENRY HANVILLE, JR., '38, has joined the U. S. Navy, and is now an Ensign. Mail should be sent to N. Palm Beach, Huron, R.F.D., Ohio.
- DONALD SNOW, '39, has been commissioned a Lt. in the U. S. Public Health Service and loaned to the Pan-American Sanitation Committee and is stationed in Lima, Peru.
- WILLIAM G. WINSLOW, '39, represents the Reliance Electric & Engineering Co. and gives his address as 5 Ploughman's Bush, W. 246th St., Riverdale, New York.
- DONALD F. HORSBURGH, '40, announced the birth of a daughter, Joan Suzanne, on December 30, 1942.
- BERT EVAN MANSSELL, '40, is Fire Protection Engineer, Inspection Dept., 1146 Standard Bldg., Cleveland, and resides at 41 Jordan Drive, Willoughby, Ohio.
- VICTOR JOHN NEXON, '40, is a Lt., U. S. Air Corps. He spent most of the summer in England but is now stationed at Hq. Air Service Command, Patterson Field, Fairfield, Ohio. He and his family have a mailing address R.D. 4, Springfield, Ohio.
- DENTON KENYON SWARTWOUT, '40, is with The Swartwout Co. in Cleveland and resides at 2627 Milton Rd., University Heights, O.
- JAMES DUDLEY ANDREW, JR., '41, is with General Electric and resides at 121 Elmer Ave., Schenectady, N. Y.
- HARRY HARWOOD AMBROSE, '41, is Ensign D-V(5), U.S.N.R., and gives his address as R.F.D. Route 2, Wooster, Ohio.
- ROBERT WALLACE BECKWITH, '41, is with General Electric and resides at 2104 Van-Vranken Ave., Schenectady, N. Y.
- JOSEPH IGNATIUS EHRHARDT, '41, is with the Reliance Electric and Engineering Co. and lives at 1573 East 36th St., Cleveland, O.
- JACK EICHLER, '41, whom many will remember as a delegate to the 1939 Convention, is a 1st Lt. A.C., A.P.O. 821 c/o Postmaster, New Orleans, La. He has joined the Caterpillar Club having bailed out of his ship a few months ago.
- LAWRENCE E. GREENE, '42, and his wife are living at 1429 E. 134th St., Cleveland. He is with Lincoln Electric Co.
- MARVEN LESTER HERTZ, '42, is with General Electric Co. and resides at 810 Crane St., Schenectady, New York.
- ARTHUR R. KLINGEL, JR., '42, was married on January 31, 1943, to Miss Helen Mathew of Cleveland.
- EDWARD GEORGE RAPP, '42, is structural engineer for the Vought-Sikorsky Aircraft Corp., in Stratford, Conn., and resides at 2969 N. Main St., Bridgeport, Conn.
- CHARLES SMALLWOOD, JR., '42, is junior engineer with the U. S. Engineers, Sault Ste. Marie, Mich.
- JOHN RICHARD THOMAN, '42, is San. Engr. for Chicago Pump Co., 2336 Wolfram St., Chicago, Ill.
- GEORGE SOWERS, '43, is working as junior hydraulic engineer for TVA in the Hydraulic Data Division, Knoxville, Tenn.
- WILLIAM WISCHMEYER, '43, is employed by Army Engineers as Junior Chemist at the filtration plant supplying Camp Breckenridge, Kentucky.
- PAUL LESLIE HOOVER, (Hon.), is Prof. Elect. Eng., Head of Dept., Case School of Applied Science, Cleveland.

EPSILON

- FRANK S. HUDSON, '12—c/o Yuba Manufacturing Co., Balfour Building, 351 California St., San Francisco 4, Calif.
- DONALD H. McLAUGHLIN, '14, Vice-President, Cerro de Pasco Copper Corp., 40 Wall St., New York 5, N. Y.
- GEORGE WESLEY COFFEY, '17, is Vice-President of Pacific Tin Cons. Corp. Address: Rm. 3519, 120 Broadway, N. Y. City.
- JOHN M. DENBO, '17, is engineer for Bates & Borland Co. and resides at 604 N. Sierra Drive, Beverly Hills, California.
- EDWARD H. WISSER, '17, was married to Mildred Jane Payne on September 17, 1943.
- JOSEPH T. DEANE, '18, formerly on the island of Bahrein in the Persian Gulf, is now with The California Co., 1818 Canal Bldg., New Orleans, La.
- GLEN T. O'BRIEN, '20, of Jackson, California, and formerly superintendent for the Placer Tailings Co., at Sutter Creek, is reported to be in Lima, Peru.

- GAVIN WITHERSPOON, '24, is a petroleum engineer for the Standard Oil Co., P. O. Box 1437, Arcade Annex, Los Angeles, Cal.
- CHARLES A. ANDERSON, '24, still with U. S. G. S. Recently passed through Berkeley. Address: Bacon Hall, University of Calif.
- DION L. GARDNER, '29, is now a Japanese prisoner. He was Consult. Engr. for Marsman & Co. in the Philippine Islands.
- ROGER REVELLE, '29, is a Lt. Comdr. in the U. S. Navy, Bureau of Ships, Washington, D. C.
- FRANCIS FREDERICK, '30, consulting mining geologist, 926 Crocker Bldg., San Francisco, Calif., has been retained by the State Department of Geology and Mineral Industries of Oregon to make a survey of Oregon quicksilver deposits.
- WILLIAM M. WARREN, '30, was in Malaya; now in England. Address: c/o Mr. Newton Cleaveland, 2532 Cedar St., Berkeley, Calif.
- ROBERT L. SPRINKEL, JR., '30, on leave from the Shell Oil Co. is a 1st Lt. Ordnance Dept., U. S. Army.
- CLARENCE MORTIMER HAWKINS, '31, is General Supt. of the B. F. Parrott Co. at Roanoke, Va.
- JOHN JOSEPH STRUTZEL, JR., '34, is engineer for Poulson & Nardon Inc., in Los Angeles, and resides at 8615 Mt. View Ave., South Gate, California.
- DUDLEY TOWER, '33, is division engineer, Texas Gulf Div., Union Oil Co. of California, Houston, Texas.
- CYRIL FOX, '34, is in the Navy, rank unknown, and mail should be sent to 2041 Glencoe Way, Los Angeles, Calif.
- JACK P. HAYS, '34, who has been associate professor of Petroleum Engineering at Texas A. & M. College, has resigned to become petroleum engineer with the Seaboard Oil Co. in Dallas, Texas.
- JOHN HOWER BRINEMAN, '35, is professor of geology, Escuela de Geologia, Caracas, Venezuela, S. A.
- GEORGE F. REED, '37—General Delivery, Wilcox, Arizona.
- GEORGE F. REED, '37, formerly superintendent of the Saddler fluorspar mine at Deming, New Mexico, has a new address as supt. of the Belmont-McNeil Mine, Box 427, Wilcox, Arizona.
- ROBERT BENTON GRANT, '38, is with the Minneapolis Honeywell Regulator Co. in Los Angeles, and resides at 2121 Westminster Ave., Alhambra, Calif.
- ROBERT DELOS PROCTOR, '41, 2nd Lt. Ordnance Dept. U. S. A., is a Japanese prisoner in the Philippines.
- CARLTON JAMES LEITH, '42, an ensign in the U. S. Naval Reserve, has been on active duty since January and is at present an instructor in the U. S. Navy Aerial Navigation School at Hollywood, Florida.
- JOHN GAY, '43, is with the U. S. Smelting Refining and Mining Co. at their arsenic property at Gold Hill, Utah.
- JAMES P. MORGAN, '43—A/C Sqdn. G. ASN 19101087, Avn. Cadet Pre-Tech. School, Seymour Johnson Field, North Carolina.
- PETER WARREN GESTER, '43, is geologist for the Standard Oil Co., 225 Bush St., San Francisco, Calif.
- MAGNUS WALDEMAR KJELSBORG, '43, is an officer candidate at the U. S. Naval Academy, Annapolis, Md.
- DAVID B. SLEMMONS, '43, is expected back on campus soon. Now at Camp Wallace, Tex.
- JOHN GAY, '43, with American Smelting & Refining Co. at Bingham, Utah.
- WILLIAM E. BUSH, '43, is expected back on campus soon. Now at Camp Wallace, Tex.
- MELVIN P. LANDIS, '43, A/C Sqw. W. Div. 48 Rm. 2171, T.S. A.A.F.E.T.T.C. Yale Univ., New Haven, Conn.

ZETA

- JOHN J. JAKOSKY, '20, who has been Dean of the College of Engineering at the University of Kansas for several years has been appointed assistant to the president of the University of Southern California in Los Angeles and will direct activities in industrial research for the University.
- CHARLES WHEELER HUBBELL, '26, is with Phillips Petroleum Co. in Bartlesville, Okla.
- CARL ALBERTUS POPPINO, '26, is with General Electric Co. and lives at 1109 W. Lynwood St., Phoenix, Arizona.
- LOGAN HOWARD WOOLLEY, '29, is Asst. Engr. (Civil) in Corps of Engrs. U. S. Army, U. S. Engr. Office, Omaha, Nebr.
- LEROY EDWARD SHARP, '32, is mechanical engineer with the Shell Oil Co., Centralia, Illinois, where he gets his mail care of Box 476.
- MAURICE BURTON KITE, '33, is a Lt. (jg) U.S.N.R. CEC-V(S) Naval Construction Training Center, Endicott, Davisville, R. I.
- CHARLES EUGENE SPAHR, '33, is a 1st Lt. Corps of Engineers, U.S.A., and his mail should be sent to P. O. Box 237, Sugar Creek, Mo.
- E. M. BRAUZELIUS, '34, has earned the stripes of a Lt. (jg) in the U. S. Navy. Mail will reach him through 1212 Franklin Drive, Independence, Missouri.

- EDWIN ASHLEY ELLIOTT, '34, is now Treas. for Hiram Elliott Constr. Co., 1016 Baltimore Bldg., Kansas City, Missouri.
- ROBERT DAN MCKIM, '35, is a Capt. in the Engineer Corps, U.S.A., Army Hdq. 2nd Army, Memphis, Tenn., but wants his mail sent to 809 South Oak St., Pratt, Kansas.
- JAMES WENTWORTH SMITH, '35, says he is attorney for the Busch-Sulzer Bros. Diesel Engine Co. in St. Louis, and resides at 7822 Grove Ave., Shrewsbury, Mo.
- CHARLES KEITH WILLEY, '36, is a 1st Lt. C. A., U. S. Army, and mail for him should be sent to 721 East 5th St., Eureka, Kansas.
- LEWIS W. BENZ, '37, is with Phillips Petroleum Co. as Jr. Engr. Pat Dept., located in Bartlesville, Okla.
- GUY STRATTON GUTHRIE, '38, is reported to be with the army in Alaska. Mail should be sent to Walton, Kansas.
- HAROLD IVOR TAYLOR, JR., '38, is a Lt. (jg) CEC-V(S), U.S.N.R., and assistant civil engineer public works office, 15th Naval District, Balboa, Canal Zone. His permanent address is 8505 Van Horn Road, R.R. 6, Kansas City, Mo.
- AXEL WILLIAM ANDERSON, '39, is a Lt. U. S.A. and gets his mail at 504 N. 2nd St., Iola, Kansas.
- LESTER A. HAUG, '39, holds rank of 2nd Lt. 19th Coast Artillery, U.S.A.
- LYLE LARON PAXON, '39, is a 2nd Lt., Air Corps, U.S.A., 637 Squadron, Boca Raton, Florida, and gives his permanent address as Burr Oak, Kansas.
- MARTIN K. THOMEN, JR., '39, is in the army. Mail should be sent to 712 Park Ave., Orange, Texas.
- HUGH WALLACE MAGRUDER, '40, is with General Electric and resides at 2712 Van Antwerp Rd., Schenectady, New York.
- THOMAS EDWARD ARBUCKLE, JR., '41, is overseas, Ensign U.S.N.R., mailing address is 401 West 11th, Hutchinson, Kansas.
- ROBERT GRIEBIE PAULETTE, '41, is 2nd Lt. in the Air Corps, 9th Air Depot Group.

ETA

- HAROLD WORTHINGTON, '15, is a 1st Lt. in the Army.
- JULIAN T. LEONARD, '18, is a Capt. in the Army.
- A. D. HARVEY, '21, is in charge of the war production division of Kimberly-Clark Corp., Neenah, Wisconsin.
- HENRY JOHN HORN, JR., '22, informs THE GEAR he is engineer with the War Production Board, Washington, D. C.
- MALCOLM B. BEATTIE, '23, is a Captain in the Army.
- ALBERT REDWAY, '23, is with the Geometric Tool Co., New Haven, Conn.
- ROSCOE HARWILL SMITH, '23, is manager of the electric appliance department, Reliance Electric & Engr. Co., Cleveland, Ohio.
- GEORGE C. CAINE, '25, has been appointed superintendent of the Bayonne refinery of the Tide Water Associated Oil Co. with headquarters in New York City. He joined the staff of the Research Dept. in 1926 and has been assistant superintendent at Bayonne since 1938.
- JACK BENNETT, '30, is back in Akron as assistant treasurer of the Goodyear Aircraft Div., and has bought a home in Hudson, a suburb 15 miles north of Akron.

THETA

- JAMES T. KEMP, '16, has resigned from the Army Service Forces, where he has been serving as metals administrator in the production division since March, 1942, to join the staff of the Harriman mission in London.
- MAX M. DIXON, '17, '22 A.M., is chief mining engineer, Board of Economic Warfare, Metals and Minerals Section, Temporary T, Washington, D. C.
- JOHN E. NORTON, '21, has accepted a position as consulting engineer, Metals Reserve Co., 1131 RFC Bldg., Washington.
- GEORGE BERNARD BENEDICT, '23, is a Lt. CEC-V, U.S.N.R. and gives his mailing address as 315 West Main St., Moorestown, N. J.
- DANIEL EDWARD HARNETT, '25, is chief engineer, Hazeltine Service Corp., in Little Neck, New York, and resides at 16 Puritan Ave., Tuckahoe, New York.
- GEORGE F. C. BOOSS, JR., '26, 27 Bellevue Ave., Summit, N. J., is employed by Ebasco Service, Inc., 2 Rector St., New York.
- CARL DIERKING THEOBALD, '27, is engineer for Bitting & Co. in New York and resides at 730 Riverside Drive, New York City.
- CHARLES DAY HIGHLEYMAN, '27, is with the Ind. & Mich. Electric Co., 220 W. Colfax Ave., South Bend, Indiana.

JOHN K. JOHNSON, '27, 240-27 Maryland Rd., Douglaston, N. Y., has become a special representative, Office of Procurement and Material, Office of the Under Secretary of the Navy.

HENRY A. SHERMAN, '27, has been transferred to the Gunnery School, Naval Air Station, Keneohe Bay, T. H.

ALEXANDER HOLBROOK WING, '29, is research engineer, Cruft Laboratory, Harvard University, and he resides at 1716 Cambridge St., Cambridge, Mass.

STEPHEN ROWE BRADLEY, JR., '31, is engineer for the Remington Arms Co., and resides at 56 Fairmount St., Lowell, Mass.

STEPHEN R. BRADLEY, JR., '31, is employed by Remington Arms Co. in its Lowell, Mass., Ordnance Plant.

HEATON B. HEFFELFINGER, '32, is now associated with the U. S. Rubber Co. as a mechanical engineer in the Marine Section of the Mechanical Sales Division, Detroit, Michigan.

GORDON E. DUNLAP, '32, is working for the American Steel and Wire Co., 767 Millbury St., Worcester, Mass.

HEATON B. HEFFELFINGER, '32, 1000 Kensington Rd., Grosse Point, Mich., is a mechanical engineer, U. S. Rubber Co., Detroit.

ARTHUR V. SMITH, '33, 276 Riverside Dr., New York, is associated temporarily with the senior scientific staff, Div. of War Research, Columbia.

LIEUTENANT HERMAN HEPPENHEIMER, '34, is stationed at the Victorville, Cal., Army Air Field as an engineering officer.

THOMAS PATRICK QUILTY, '35, is a Lt. (jg) U.S.N.R., with mailing address 884 Riverside Drive, New York City.

WILBERT FRED RATH, '37, is design and drafting engineer for Giffels & Vallet, Ordnance Division, in St. Louis, Mo., and resides at 7149 Pershing Ave., University City, Mo.

RAFAEL DE CARRERA, '36, Calle 9 No. 410, Vedado, Havana, Cuba, is employed by the Standard Oil Co. of Cuba.

JOHN O. OSTERBERG, '36, is in the department of theoretical and applied mechanics, University of Illinois, Urbana.

ALBERT LAWRENCE CHUDOB, '38, is assistant field engineer, Aluminum Plant, Maspeth, New York, but his mail goes to 6158 Linden St., Ridgewood, New York.

WILLIAM MICHAEL SHEEHAN, '38, is field engineer for Poirier & McLane in New York City and resides at 296 Gooding St., Lockport, N. Y.

ANTHONY A. LoPICCOLO, '38, Lieut. (jg), Naval Reserve, Camp Allen, Norfolk, Va.

JOSEPH HENRY WALTER, JR., '39, is a metallurgist in the engineering department of Proctor & Gamble, Ivorydale, Cincinnati, O.

JOSEPH WALTER, '39, is now doing consulting work for the cotton pulp plant of the Buckeye Cotton Oil Co., a subsidiary of Proctor and Gamble, in Memphis, Tenn.

WILLIAM B. COUGHLIN, '38, assigned to Headquarters, 4 Fighter Command, Oakland, Cal., has been promoted to a first lieutenant.

NORMAN C. BRITZ, '39, 1908 Parkview St., Huntington, W. Va., is with the International Nickel Co., Huntington.

WILLIAM A. HADLEY, 40, has been appointed an instructor, mechanical engineering department, Pupin Hall, Columbia.

WALTER W. HADKY, '41, 2nd Lieut., Chemical Warfare Service, Pine Bluff, Arkansas, Arsenal.

CLOYD SNAVELY, '41, stationed at the assembly and repair shops, Naval Air Station, Norfolk, Va., has been promoted to a senior grade lieutenant.

RICHARD J. HALSTED, '41, R. F. D. No. 1, Clinton, Ohio, is employed by Powder Metals and Alloys, Inc., Barberton, Ohio.

ANTHONY J. RATICHEK, '41, Kanawha Village, Charleston, W. Va., is shift superintendent, U. S. Rubber Co., Charleston.

C. ROBERT SCHULZ, '41, works for the Bridgeport Brass Co., 30 Grand St., Bridgeport, Conn.

S. CHARLES DORSA, '42, is with General Electric Co., and lives at 13 State St., Schenectady, New York.

JOHN DAVID KENNEY, '42, is training with the Seabees at Camp Peary, Va., but his permanent address is 448 Benson St., Camden, N. J.

EUGENE FRANCIS JOSEPH O'NEILL, '42, is with the Bell Tel. Labs. in New York and resides at 8009 Margaret Place, Glendale, N. Y.

WILLIAM VERMUTLEN, '42, is with General Electric and lives at 901 Morgan Ave., Schenectady, New York.

ROBERT K. BOGARDUS, '42, technician fifth grade, 38 Brigade, Northville Firing Point, Mattituck, N. Y.

FELIX M. ESSELIONIS, '42, Lieut. Naval Reserve, Bureau of Aeronautics, Washington.

JOHN D. KENNEY, JR., '42, ens., Naval Reserve, after training at Camp Peary, Va., is now in Public Works Office, Navy Yard, Washington, D. C.

GABRIEL AMOROSO, '42, is in the design office, Civil Aeronautics Administration, Airways Engineering Branch, La Guardia Airport.

- J. RAE STIKKAT, '42, lives at 800 South St., Pittsfield, Mass. He has recently joined forces with the Plastics Lab of General Electric Co.
- ROLAND A. KOZLIK, '43, 655 S. Limestone St., Lexington 17, Ky., is studying at the University of Kentucky for his master's degree in metallurgy. He was awarded the fellowship granted by Seagram Distillers Corp. to do research on the special problem of corrosion and erosion of metals.
- RAYMOND H. FEIRABEND, '43, married Charlotte J. Wise June 12 in Richmond, Va. They have moved from Freeport, Texas, to New Orleans, La., where Ray is now with the Company's Scouting Department, 1804 Am. Bank Bldg.
- JOHN C. MADIGAN, '43, married Rita M. Duffy, in New York, May 1, and they are living at 502 Greenbrier St., Charleston, W. Va. Madigan is with the U. S. Rubber Co., Institute, W. Va.
- SAMUEL HIGGINBOTTOM, '43, has received his lieutenant's commission in the Army Air Corps and is undertaking advanced study at Ft. Wayne, Ind.
- SIGMUND J. MONTGOMERY, '43, with the Eighth Air Force in England has been promoted to the rank of first lieutenant.
- JOSEPH H. LEUNER, '43, was commissioned a lieutenant in the Naval Reserve in May and is studying at the Naval Training School, California Institute of Technology, Pasadena.
- ENSIGN DONALD D. SNAVELY, '43, has completed the naval indoctrination course at Quonset, R. I., and is at the Naval Air Navigation School, Hollywood, Florida.
- RUSSEL G. VAN METRE, '43, aviation cadet, Army Air Forces, finished his training at Boca Raton, Fla., and is in advanced training at Yale University.
- BENEDICT F. MELUCCI, '43, is working for the General Electric Co., Pittsfield, Mass.
- IVAN E. HAYES, '43, is enrolled in the engineers' training course, Foster Wheeler Corp., Dansville, N. Y.
- MENUTCHER F. KIACHIF, '43, is engaged in the manufacture of rayon, E. I. du Pont de Nemours Co.
- MANUEL A. PIETRANTONI, '43, is an auxiliary engineer, American Railroad Co. of Puerto Rico, San Juan.
- THEODORE C. RUBERTI, '43, is working in the Johnsville, Penn. branch, Brewster Aeronautical Corp.
- ROBERT L. SMITH, '43, is in the design section, engineering department, Vought-Sikorsky Aircraft Co., Stratford, Conn. Smith was married June 12 to Elizabeth M. Geddes.
- RICHARD STEINSCHNEIDER, JR., '43, is working for the Goodyear Tire and Rubber Co., Akron, Ohio.
- WILLIAM P. COOK, 3D, '43, 514 W. 114 St., New York, is working for the U. S. Rubber Co., 1230 Sixth Ave.
- JOHN T. HELM, '43, 106 Morningside Dr., New York, has remained on campus as an assistant in mechanical engineering.
- FRANCIS H. LAXAR, '43, is working in the Naval Research Laboratory, Washington. His home address is 520 13 St. N.E. Washington, D. C.
- Lawrence O'Neill, '43, also works at the laboratory and has the same home address.
- THOMAS MAHER, '43, is a junior engineer, Brewster Aeronautical Co., Johnsville, Pa.
- CARLOS A. BEJARANO, '41, is structural engineer, Caribbean Architect-Engineer, 41 E. 42 St., New York.
- ARTHUR G. SPIROU, ex '43, has been at U. S. Naval Training Station at Sampson, N. Y., and says he is slated for Radio Technicians School at Wright University in Chicago.
- ALBERT A. SHARKE, '43, is in the engineering ground crew training at Seymour Johnson Field, N. C., where he was recently joined by William MacMichall, '43, and numerous other Columbia graduates.

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- JOSEPH BARTON, '17, is working for the St. Louis Smelting & Rfg. Co. in St. Louis, Mo.
- KENNETH AID, '20, is field geologist for the Missouri Geological Survey at Rolla, Mo.
- EVAN ASHLOCK, '20, is a Lt. Comdr. stationed at Corona, Calif.
- DANIEL BEYER, '20, can be reached at Battle Mountain, Nevada.
- MATTHEW BRAZILL, '20, is living at the Gatesworth Hotel, St. Louis, Mo.
- MARK L. TERRY, '20, assistant division manager for The Texas Co. has been transferred from Mattoon, Illinois, to Denver.
- HAROLD BAILEY, '21, home address is Columbia Hgts., Schuylkill Haven, Pa.
- JAMES EDWIN JEWELL, '22, is Mining Engineer for St. Joe Lead Co., 250 Park Ave., New York City.
- M. N. BEDELL, '23, is employed by the Laclede Steel Co., Engr. Dept., at Alton, Ill.
- CHARLES CYRUS TIVIS, '23, is senior engineer, Mo. State Highway Dept., and resides at 5 Pitman Place, Kirkwood, Mo.
- ROBERT AHLQUIST, '24, is an assist. professor of electrical engineering at Iowa State College, Ames, Iowa.

- PHILIP BLAKE, '24, is plant engineer for the Dept. of Agriculture in Washington, D. C.
- JACK PERCY CAMPBELL, '24, is now Lt. Col. Engr. Corps, 28th Bat. Replacement Training Center, Ft. Leonard Wood, Mo.
- R. P. BAUMGARTNER, '28, is an employee of Westinghouse Electric at Pittsburgh, Pa.
- PHILIP JOHN BOYER, '28, at one time with the Bethlehem Steel Co. is now engaged as Mill Engineer with the Alan Wood Steel Co., Dover, N. J.
- PHILIP J. BOYER, '28, metallurgical engineer, is working for the Alan Wood Steel Co., at Dover, N. J.
- LOUIS BURG, '28, mailing address is New Moonlight Camp, Troy, Ill.
- HARRY CLOYD BOLON, '29, is a Capt. U.S.A., Ft. Leonard Wood, Mo.
- FRANK EDWARD WENGER, '29, works right along with his Theta Tau brother and classmate as Office Engineer at Russell and Axson.
- JOE WILLIAMSON, JR., '29, holds down the Vice-Presidency of Russell and Axson in Daytona Beach, Florida.
- H. J. BRICKNER, '30, lives at 2105 S. 4th St., Springfield, Ill.
- JAMES K. RICHARDSON, '30, since early in 1942 secretary of the Tri-State Zinc and Lead Ore Producers Association, resigned on March 20th to join the Army as a first lieutenant and was sent to Camp Wallace, Texas.
- VIRGIL F. ANCELL, '31, may be reached at 7617 Kingston, Chicago, Ill.
- HAROLD ARNOLD, '31, is living at Kimmunity, Ill.
- JOHN BRADY HUEBNER, '31, rates the stripes of a first Lt. in the Ordnance Dept. of the U. S. Army.
- WILLIAM BREWER, '32, is with the U. S. Engineers, Pittsburgh, Pa.
- HAROLD BRUEGGING, '32, is an engineer for the Mo. Power & Light Co., Jefferson City, Mo.
- GEORGE H. MUSSON, '33, is now with the General Chemical Co., Edgewater, N. J.
- THEODORE WILLIAM HUNT, '33, is Asst. Engr. for the U. S. Engineers in the Chimes Bldg. at Syracuse, N. Y.
- RICHARD BECK, '34, can be reached at 121 E. St., N.W., Miami, Okla.
- RICHARD HOLTON BECK, '34, now is manager of the Beck Mining Co. in Miami, Okla.
- HELMUTH DALLMEYER, '35, receives mail at 629 Houston Street, St. Charles, Mo.
- RUDOLPH J. KNOLL, '35, Capt., C.E., sends his address as 310 Bellerine Blvd., St. Louis, Mo.
- ALFRED BOCHENEK, '37, lives at 879 Springfield, Summit, N. J.
- ARTHUR BARCLAY, '37, is a 1st Lt. at Fort Belvoir, Va.
- WALTER BREUER, '37, can be found at 2422 N. 56th St., Omaha, Neb.
- WALTER FRANKLIN BREUER, '37, formerly with the Bureau of Bridges has been transferred to the U. S. Engrs. Office, Omaha. Address 5th Floor, Farm Credit Bldg., Omaha.
- CHARLES LEE CLAYTON, '38, and Miss Kathleen Hamilton of Rolla were married on June 18, 1943, at the Baptist Church in Rolla. He is employed by the Columbia Tool Steel Co. in Chicago where they will make their home.
- CHARLES LEE CLAYTON, '38, is metallurgist for the Columbia Tool Steel Co., Chicago Heights, Ill.
- ROY C. CORNETT, '38, is in the Engineer Section of the Air Force Service Command, and holds the rank of Captain.
- H. S. KIDD, '39, is a Division engineer for the Missouri River Division, U. S. Engr., and can be addressed at Box 1216, Omaha, Neb.
- A. E. RHODES, '39, is stationed at Marcus Heights Station, Bronx, New York.
- J. R. POST, '39, is now at Submarine School, U. S. N., New London, Conn.
- A. E. RHODES, '39, is in Hq. Tr. Det., A.A. F.T.T.C., Gould Hall, New York University, New York City, N. Y.
- R. E. HOFFMAN, '39, is liaison engineer for Wright Aeronautical Corp., at Patterson, N. J.
- A. L. TETLEY, '39, may be reached at his home address of R.F.D. No. 3, Sikeston, Mo.
- G. E. MACHENS, '39, can be reached at 2nd and Arsenal St., St. Louis, Mo., where he is a U. S. Boatyard Engineer.
- W. F. OBERBECK, '39, is in the 341 Engr. Regt., Fort Ord, Calif.
- I. E. SHANFELD, '39, receives his mail at 7005a Amherst Ave., University City, Mo.
- L. E. LAMBELET, '40, works for Schroeder & Hermann Co., Beecher City, Ill.
- GUY BROWN, JR., '40, is employed by the Bethlehem Steel International Supply Co., Box 2171, Tulsa, Okla.
- W. C. DICKMANN, '40, holds a position with Shell Pipe Line Corp., Box 1191, Colorado City, Texas.
- JOSEPH LOUIS HOFFMAN, '40, died July, 1943, at an Army Hospital in Clinton, Iowa, of a blood infection. He was a private in Army Air Corps Cadet Training.
- E. L. PERRY, '40, Captain, 315 Engr. Bn., Camp Barkley, Tex.
- J. E. RAKASKAS, '40, is with the Indian Territory Illumin. Oil Co., Oklahoma City, Okla.
- W. J. SMOTHERS, '40, graduate assistant for Missouri School of Mines at Rolla, Mo., is working on his Ph.D.

- H. D. STURGES, '40, holds down a job as metallurgist in the Materials Lab., Wright Aero. Corp., Cincinnati, Ohio.
- A. J. TUCKER, '40, is in San Diego, Calif., at the B-47 Naval Air Station.
- N. P. TUCKER, '40, is a member of a Bomber Squadron, A.P.O. 1227, c/o Postmaster, N. Y. C., N. Y.
- W. D. WATERS, '40, works for the Western Cartridge Co., and lives at the Y.M.C.A., Alton, Illinois.
- DONALD LEE TRISCH, '41, spends his time as Jr. Hydraulic Engr. for U. S. G. S. Box 138, Rolla, Missouri.
- P. J. BOUCHIER, '41, gives his address at 417 19th St., Antioch, Calif.
- R. K. BOYD, '41, Ensign, U.S.N.R., is at the Hitchkok, Tex., N.A.S.
- A. W. BRUNT, '41, gives his address as the Battle Creek Hotel, Miami Springs, Florida.
- C. A. CORNEAU, '41, is a 2nd Lt., U.S.A.A.F., 467 Bomb Sq., A.A.B., Dalhart, Texas.
- A. F. FICK, '41, is a Lt. in the 341st Engr. Regt., Fort Ord, Calif.
- W. E. CROCKETT, '41, has been working for the United Clay Mines Corp., Trenton, N. J. Home: 68 Prospect St., Trenton, N. J.
- R. E. FIELDS, '41, is a 1st Lt. in the Air Corps at Dorr Field, Arcadia, Fla.
- A. G. HACKER, '41, is stationed at Camp San Luis Obispo, Calif., with Co. E. 110th Engrs. He is a 2nd Lt.
- K. L. HARDINE, '41, gives his address as 786 Lombard St., Colesburg, Ill.
- N. D. JAFFE, '41, Lt., formerly stationed in the Canal Zone, is now with the 928th Avn. Engr. Regt., Richmond, Va.
- H. T. JAMES, '41, is at Naval Air Station located at Corpus Christi, Texas.
- F. K. KYLE, '41, Lt., Engr. Co., gives his address as A.P.O. 922, c/o Postmaster, San Francisco, Calif.
- W. D. LIES, '41, is now an A.S., Co. 620 U.S.N.T.S., Great Lakes, Ill.
- J. M. McANERNEY, '41, is in the Philippine Islands, whereabouts unknown.
- M. E. PINGEL, '41, receives his mail at 209 Rhein, Mansfield, Ohio.
- H. C. STEVENS, '41, formerly of the Shell Pipe Line Corp., is at B.T.C. No. 1, Boca Raton Field, Fla.
- H. R. STOCKTON, '41, Ensign, U.S.N.R. Navy 814 D. c/o Fleet P.O., San Francisco, Calif.
- D. L. TRISCH, '41, O. T. A. Camp Peary, Williamsburg, Va.
- R. S. BURBERRY, '42, Lt., Engrs., A.P.O. 668, c/o Postmaster, N. Y. C., N. Y.
- CHARLES BLACK, '42, Lt., Engrs. (C), A.P. O. 698, c/o Postmaster, N. Y. C., N. Y.
- GEORGE BRADSHAW, '42, is a mechanical engineer at R.C.A., Camden, N. J.
- ROBERT R. CUTLER, '42, Captain U.S.A. is mentioned in a story in the St. Louis Post Dispatch of August 13, 1943, in which he is told of having held a Sicilian ridge with his troops against strong counter attacks by the Germans. They held their own and it was on that day that the lines at Troina finally cracked. He mentioned in a letter to a friend that he stepped on a land mine but aside from "scaring hell out of him" no harm was suffered. His address is A. P. O. No. 1, New York City.
- G. P. DAHM, '42, is a member of an Engr. Bn., A.P.O. No. 35, Los Angeles, Calif.
- H. W. HAAS, '42, is a Lt. in the Corps of Engineers, U.S.A. He was wounded in action in North Africa and received the Purple Heart and Silver Star for gallantry.
- WELBY M. KING, '42, is also a Lt., Engrs. Bn. (C), A.P.O. No. 34, N. Y. C., N. Y.
- V. T. LOESING, '42, 1st Lt., C.C., was stationed at Camp Shelby, Miss., but he is now overseas.
- NICHOLAS MUSHOVIC, '42, and Mary Holmes, daughter of the late Oliver W. Holmes and Mrs. Holmes, were married Feb. 6, 1943.
- JACK PERCY CAMPBELL, '42, is stationed in Ft. Leonard Wood, Mo., with the 28th Bat. Replacement Training Center. He holds rank of Lt. Col. Eng. Corps.
- GEORGE JAMES MILLER, '43, is now a Cadet in the Specialized Training Unit at South Dakota State College, Brookings, S. D.
- F. J. RADAVIDA, '43, is in the research laboratory of the General Electric Co., Schenectady, New York.
- WILLIAM ANDERSON, '43, is a Lt. at Camp Claiborne, Louisiana.
- JACK BOETJER, '43, gives his address as U. S. Navy, Annapolis, Md.
- ROBERT McMATH, DON SMITH, and MATTHEW KERPER, '43, are now at Fort Belvoir, Virginia, going through Engineer O.C.S.
- RAYMOND O. KASTEN, '43, and Miss Dorothy Muilenburg, daughter of Dr. and Mrs. G. A. Muilenburg of Rolla, Mo., were married June 20, 1943, at the Methodist Church in Rolla. He is working for Curtiss-Wright in St. Louis and they will make their home there.

KAPPA

- DANIEL WEBSTER HICKEY, JR., '17, is a Brig. General in the regular army and 54th regiment, Camp Haan, Riverside, Calif.
- HARRY REICHELDERFER, '17, is a Colonel in the regular army, stationed at Ft. Sam Houston and residing at 129 East Woodlawn, San Antonio, Texas.

- CHARLES AUGUST NAGEL, '19, acts as project manager for the Lancaster Corporation in Richmond, Kentucky. His home address is 34 Estill Street, Berea, Kentucky.
- KENNETH HICKOK GORDON, '20, is assist. elect. eng. Penn Ry. Co. and resides at 2720 Eldon Ave., Drexel Hill, Philadelphia, Pa.
- BURT INGWERSEN, '20, Lt. Comdr. U. S. N. R. is at Chapel Hill, N. C.
- JOHN CLAUDE ALLMAN, '21, is now Manager of Sears Roebuck & Co., Ste. Marie, Mich. He was formerly Asst. Engr. of same.
- JEROME E. MACHAMER, '22, assistant superintendent of the Hartley-Fraser Mine in Chisholm, Minnesota, has been made superintendent of that property.
- RUBEN O. NELSON, '23, has been appointed Chief of the Bureau of Construction, Ohio State Highway Department. He has been with the department since 1930. His home is in Worthington, Ohio.
- FRANCIS M. RICH, '23, is assistant works manager, The Steel Co. of Canada, Hamilton, Ontario, Canada, and resides at 333 Caroline St., S., Hamilton, Ontario.
- FULTON W. COPP, '25, Major U. S. A. is with the S-W Division, U. S. Engineers, Dallas, Texas.
- HUMBOLDT REY HELVENSTON, '27, is a civil engineer on construction work and gives his mailing address as 121 Wetzel Rd., Mount Royal Village, Glenshaw, Pa.
- WALTER SHATTUCK, JR., '28, was married to Miss Lela Germany on February 19, 1943, in Monroe, La.
- WILLIAM RUDOLPH HILDEMAN, '30, is a Lt. (jg) U.S.N.R. at Camp Peary, Williamsburg, Va.
- A. C. DOESCHER, '30, Capt. U. S. A. is Executive Officer of the 8th Combat Engineers Squadron, Fort Bliss, El Paso, Texas.
- WILLIAM HILDEMAN, '30, is a Lt. (jg) U. S. N. R. at Camp Peary, Virginia.
- EMMONS WILFORD DEBERARD, '31, is engineer for Greeley & Hansen in Chicago, and resides at 2325 Ridgeway Ave., Evanston, Ill.
- JOHN BRADY HUEBNER, '31, is 1st Lt. in the Ordnance Dept. and asks that mail be sent to 316 State St., Little Rock, Arkansas.
- ARTHUR W. KOWITZ, '32, rates the stripes of a Captain in the Engineers Corps, Hdq. 7th Engr. Bn., A. P. O. 5, c/o Postmaster, New York.
- ALBERT FERDINAND REICHMANN, JR., '36, is a 1st Lt. Air Corps U. S. A. and resides at 2786 Observatory, Cincinnati, Ohio.

LAMBDA

- THOMAS B. BILLINGS, '06, has been promoted to assistant general manager of metal mines, U. S. Smelting Refining and Mining Co., 1119 Newhouse Bldg., Salt Lake City, Utah.
- FRED COFFMAN, '15, when last heard from was Asst. Civ. Engr. U. S. Engineers, War Department, located in Norfolk, Virginia.
- GEORGE F. STOTT, '15, is in Central America where he is working for Butters Salvador Mines Ltd., Mineral San Sebastian, El Salvador.
- ALVIN EDWARD HARRIS, '17, is a consulting engineer and his home is at 306 South 2nd East St., Rexburg, Idaho.
- WELLMAR TITUS BENSON, '20, is mining engineer for the U. S. Bureau of Mines at Reno, Nevada.
- JOHN FRANCIS BYRNE, '21, is now General Manager, Blast Furnace Div. of Koppers United Co., Granite City, Ill. P. O. Box 367.
- IRUL HENRY SIMMONS, '21, is with the Boeing Aircraft Corp. and resides at 2027 East 104th St., Seattle, Wash.
- HUGH MARION LYMAN, '24, is located in Lowell, Mass., as Project Engineer with Remington Arms Co. Address 1696 Lakeview Ave., Lowell, Mass.
- HAROLD RAYMOND WEST, '25, is Division Supt. Idaho Power Co. and lives at 455 S. Garfield Ave., Pocatello, Idaho.
- JAMES MATHER, '28, is engineer for the Standard Oil Co. at Whiting, Indiana, and resides at 10437 South Wallace, Chicago, Ill.
- SYLVESTER WILLIAM MUIR, '28, is engineer for the Utah Pwr. & Light Co., Salt Lake City, Utah.
- ALVIN JOHN FAGERGREN, '30, is with Southern California Gas Co., and resides at 1533 Raymond, Glendale, Calif.
- JAMES ALLEN HEDGES, '32, has departed from the Biological Survey and is now with the Bureau of Reclamation in Redding, Calif.
- GEORGE A. KOEHLER, '32, has been made Chief Engineer of M. A. Hanna Co. Iron Mines, Iron River, Mich.
- ROSCOE EMERSON VAN LIEW, '32, is Lt. CEC, U. S. N. R., in Washington, D. C., and resides at 8404 Woodcliff Court, Silver Springs, Md.
- JAMES IVERS, JR., '37, is a Lt. U. S. Air Corps, Bombardment Sq., A.P.O. 523, c/o Postmaster, New York.
- LYNN SPENCER MADSEN, '37, Lt. U. S. A., gives his address as Hdq. Northern District, A. P. O. 523, New York City. His home address is 1144 Sherman Ave., Salt Lake City, Utah.
- DELL KNIGHT TOWER, '37, is engineer for the General Electric Co. in Philadelphia, and

- resides at R. F. D. Darby Rd., Newton Square, Pa.
- CLARENCE LYNN PETERSON, '39, spends his working hours as Engineer for The Eimco Corp. in Salt Lake City, P. O. Box 300.
- ROBERT F. WEYHER, '40, is a 1st Lt. U. S. A., A.P.O. 942, Seattle, Wash.
- THOMAS LAMONT WILSON, '40, is with the Federal Telephone Co. in Newark, N. J., but resides at Blue Mt. Farms, Route No. 1, Scotch Plains, N. J.
- WILLIAM CLAYTON BROWN, '41, is a 2nd Lt. U. S. A. Coast Artillery, A. P. O. 826, c/o Postmaster, New Orleans. His permanent address is 1959 South 13th East, Salt Lake City, Utah.
- FLOYD HOPKINS McMULLIN, '41, was last heard of at U. S. M. C. Platoon 1047, 8th Rec. Battalion, Marine Barracks, Parris Island, S. C.
- HAROLD CLYDE SHIELDS, '41, is with Westinghouse in East Pittsburgh, Pa., and resides at 428 South Ave., Wilkinsburg, Pa.
- WILLIAM K. SOMMERVILLE, '42, is a student engineer with Westinghouse in East Pittsburgh, and resides at 522 Holmes St., Wilkinsburg, Pa.

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- ROTHER L. HARRIS, '23, superintendent of production, Alabama Power Co., lives at 2140 16th Ave. South, Birmingham, Ala.
- I. NEWTON SKELTON, '32, has become a Lt. (jg), U. S. N. R., O (V) S.
- GREGORY JACKSON SKINNER, '38, is a Major U. S. A. Mail should be sent to 1402 22nd Ave., Tuscaloosa, Ala.
- HORACE B. HANSON, '39, is located in Lynn, Mass., working as engineer for General Electric. Holds rank of 2nd Lieut. in U. S. Engr. Res.
- FRANCIS CHARLES, '40, is production engineer in a Bomber Plant and receives mail at 225 Ridge Ave., Towson, Maryland.
- PATRICK HERMAN SANDLIN, JR., '40, is Lt. U. S. A., Staff and Faculty, Sect. 3, The Engineering School, Ft. Belvoir, Va.
- ROBERT EARL MORRIS, '41, is with the Chicago Bridge & Iron Co. and gives his mailing address as 508 South 15th St., Birmingham, Ala.
- FRANK EDGAR BUNCE, '41, is with the Curtiss Wright Corp., and resides at 2450 Glenmary Ave., Louisville, Ky.
- ELON ELLSWORTH ELLIS, '42, is structural test engineer, Boeing Aircraft Co., Seattle, Wash., and resides at 5241 18th Ave. NE., Seattle.
- AFTON BRADFORD JOWERS, '42, is with the TVA in Knoxville, and resides at 1812 White Ave., Knoxville, Tenn.
- WILLIAM EDWARD LEAR, '42, serves the RCA-Victor Mfg. Co. as Electronics Engineer. His home address is 82 N. Arlington St., East Orange, New Jersey.
- WM. ELLSWORTH MILLER, '42, is junior engineer with T.V.A. in Knoxville, Tenn., and resides at 1812 White Ave., Knoxville.
- WILLIAM WILSON CROW, JR., '43, at last accounts was with Standard Oil Development Co., and resides at 11 West End Place, Elizabeth, N. J.
- JAMES EDWARD SNIPES, JR., '43, is a Lt. in the Engineer Corps, U.S.A. His mailing address is 210 Edgement Ave., Montgomery, Ala.

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- W. R. CUTHBERT, '22, has resigned as mining engineer for the Pittsburgh Coal Co. to become production engineer for the Valley Camp Coal Co., Cleveland, Ohio.
- HERMAN L. GRIFFIN, '23, of the Diamond Alkali Co., Painesville, Ohio, had the misfortune to fall from a tank car breaking his back and heel. He was expected to be in the hospital for some months but satisfactory recovery is anticipated. His home address is 194 West Washington St., Painesville, Ohio.
- THOMAS WALTER PLANTE, '23, is superintendent of Blast Furnaces, Otis Works, Jones & Laughlin Steel Corp. in Cleveland, Ohio, and resides at 3341 Jennings St., Cleveland.
- ALBERT ANSEL BAUGH, '24, has a change of address to 562 Donaldson, San Antonio, Texas.
- LAWRENCE MARION BAUGH, '31, is Expediting Engr. with Siems Drake Puget Sound, Seattle, Washington. He was formerly with Brazos River C. & R. Dist., located in Temple, Texas.
- HENRY PRITCHARD EVANS, JR., '32, is a 1st Lt. Corps of Engineers, U. S. A. and resides at 1011 14th St., Rolla, Mo.

ARCH R. MATTESON, '33, sends his address as 2220 Chestnut Street, Harrisburg, Pa.
 JOHN E. BARN, '35, sends his address as 2119 N. 62nd, Milwaukee 13, Wisconsin.
 ROBERT CHARLES McMASTER, '36, is an instructor at the California Institute of Technology and resides at 241½ South Holliston Ave., Pasadena, Calif.
 WM. J. HOPPEL, '42, sends his address as 267 Kennedy Ave., Pittsburgh, Pa.
 DAVID HERBERT MILLER, '42, was last reported to be junior engineer for the Turner

Construction Co., and residing at 223 Amabell St., Pittsburgh, Pa.
 J. E. O'NEILL, '42, is with McDonnell Aircraft Corp., St. Louis, Mo.
 MAX L. WILLIAMS, '42, a Lt. in the service, gives his address as 2839 Philadelphia Ave., Pittsburgh, Pa.
 GERARD ADDISON ROHLICH, Hon., has a leave of absence from Penn State and is in Washington, D. C.
 JOSEPH JAMES ROWETT, '43, works as a Jr. Metallurgist for the A. C. Spark Plug Co., in Flint, Michigan.

OMICRON

HERBERT "HAP" HOWE is now a Lieutenant, U.S.N.R., O.V.S., headquarters in Earl, N. J.
 CARROLL PHELPS, '33, sends good news and bad, for on June 12 a new member was added to the Phelps family by way of a son, and shortly after Phelps was entered as a patient at Oakdale Sanatorium where he is at the present time.
 ELDO M. KURTZ, '36, is Com. of the Sou. Pas. Staff and is stationed in San Francisco.
 ELDRON C. ARENDTS, '38, writes that he is

now Junior Engr. at the U. S. Engineers Office in Norfolk, Virginia.
 ALVIN W. GREEN, '40, is now Sanitary Engineer for the City Health Dept. at Tacoma, Washington.
 L. R. GROSSKOFF, '41, is with the armed forces. Mail will reach him at 428½ S. Lincoln Ave., Davenport, Iowa.
 BOB MILLER, '41, sends his address as R. No. 1, Box No. 540, Akron, Ohio.
 GEORGE W. LUTZ, '43, was married to Charlotte Talbott, June 12. Lt. Lutz is now in the Proof Department at Elgin Field, Fla.

PI

JOSEPH W. COWHIG, '26, is now Capt. of the Transportation Division, U. S. Army, and stationed in Richmond, Va.
 JEAN MORRIS ROBERTS, '26, is engineer for the Eclipse Aviation Co., Bendix Aviation Corp., Bendix, N. J. Mailing address 318 Bogert, Ridgewood, N. J.
 CLARENCE MORTIMER HAWKINS, '31, is general superintendent for B. F. Parrott Co., Roanoke, Virginia.
 H. M. HAMMOND, '34, is now technical engineer for the Potomac Edison Co., Hagerstown, Md.
 AUBREY EDWIN PALMER, '34, is structural designer for the Atmospheric Nitrogen Corp., Hopewell, Virginia, residing at 216 N 7th Ave., Hopewell.

VINCENT W. STARKE, '35, is now located with Western Electric Co. in Baltimore, Md.
 LLOYD THOMAS OLSEN, '38, is an engineer in the division of engineering construction, E. I. DuPont de Nemours Co., and resides at 268 Allison St., Morgantown, West Virginia.
 JOHN BELL MCGAUGHY, JR., '38, is a civil engineer in the U. S. Engineers Office, Fort Norfolk, Va.
 JOSEPH SAMUEL CRAGWALL, '40, is with the U. S. G. S., P. O. Box 1338, University Station, Charlottesville, Va.
 ROBERT LOUIS GILLISPIE, JR., '40, is layout engineer, E. I. DuPont de Nemours Co., Moundsville, West Virginia.
 ERNEST BOYD LIVESAY, '41, is a junior civil engineer, TVA Field Engineers Office, Fontana Dam, North Carolina.

RHO

WALTER NICHOLSON HIPP, '24, is engineer for the Duke Power Co., Hickory, N. C.
 WILLIAM WALTON STUDDERT, '27, is a Lt. Comdr. U. S. N. R., CEC, with mailing address as 423 Park Ave., New Bern, N. C.

WILLIAM R. TIGHE, '28, is Lubrication Asst. for the Standard Oil Co. of N. J. He gives St. Paul and Franklin Sts. as his address; Baltimore, Md.

JOHN THOMAS MASON, '29, is in the army. Mailing address is Box 405, Asheboro, N. C. WILLIAM EDWARD MOSELY, '29, is with General Electric Co. and resides at 31 Wendell Ave., Pittsfield, Mass.

FRANK H. MEECE, '30, is an engineer for the Carolina Power and Light Co., Raleigh, North Carolina.

WELLFORD DANDRIDGE SPENCE, '30, is engineer in the construction department of R. H. Bouligny, Inc., of Charlotte, N. C., but gets his mail at P. O. Box 156, Wytheville, Virginia.

JOSEPH BYRON GURLEY, '31, is employed with the Rosemary Mfg. Co., Roanoke Rapids, N. C.

CARROLL LAMB MANN, JR., '32, is a Major, Corps of Engrs., U. S. A. and Area Engineer, Ft. Bragg, N. C.

LIONEL DARRELL MURPHY, '33, is reported to be a 1st Lt. U. S. A. His home is in Davis, North Carolina.

RICHARD L. TATUM, '41, 2nd Lt. A. A. F., sprouted wings April 29, 1943, at George Field, Ill., and is now with the Air Transport Command with expectations of "seeing the war before long." Mail will reach him through 2912 Ridgeway Rd., Dayton, Ohio.

THOMAS WILLIAM LAMBE, '42, is an instructor at the University of New Hampshire, Box 124, Durham, New Hampshire.

LONNIE CRUMP WILLIAMS, JR., '42, is a Lt. Engineer Corps, U. S. A., A. P. O. #60, c/o Postmaster, New York. Salisbury, N. C., is his home address.

NORMAN SCOTT IRELAND, '44, is now a member of Pi chapter. His address is 1st Co., 3rd Plat, Mallet Hall, Naval V-12 Unit, University of Virginia, Charlottesville, Va.

RILEY McMILLAN LITTLE, '44, is now a member of Pi chapter. His address is 2nd Plat. 1st Co. Long Hall, Navy V-12 Unit, University of Virginia, Charlottesville, Va.

SIGMA

H. E. NOLD, '10, chairman of the department of Mining Engineering at Ohio State University, has been elected vice-president of the National Society of Professional Engineers.

ARTHUR VAUGHN McNAMER, '25, is associate electrical engineer, department of Water & Power, City of Los Angeles, and resides at 3958 Hubert Ave., Los Angeles, Calif.

ARTHUR VAUGHN McNAMER, '25, is associate electrical engineer, Dept. of Water and Power, City of Los Angeles, and resides at 3958 Hubert Ave., Los Angeles, Calif.

CHARLES RAYMOND ROSS, '25, is state field superintendent, Arch. & Engrs., Ohio Dept. Bldg., Columbus, and resides at 1201 Virginia Ave., Columbus, Ohio.

ROBERT MALCOLM KALB, '27, is assistant chief engineer, Kellogg Switchboard & Supply Co., La Grange, Illinois, and resides at 310 Dover St., La Grange, Ill.

ALVIN McGEE MOCK, '28, is a Lt. Col. Corps of Engineers, U. S. A. and presently stationed at Ft. Belvoir, Va. Mail should be sent to 65 Arlington Ave., Mansfield, Ohio.

HAROLD ARTHUR WHITE, '28, informs THE GEAR he is Vice-Pres. of the Concrete Pipe Co. in Kalamazoo, Michigan.

HARRY EUGENE ASHMEAD, '29, is engineer in the Naval Ordnance Lb., U. S. Navy Yd., and resides at 3115 Westover Drive SE., Washington, D. C.

FRANCIS WILLIAM DAVIS, '29, is a Lt. Col. Signal Corps, U. S. A. and resides at 215 Lincoln St., Bethesda, Md.

ELY GRAY FENTON, '29, is now Asst. Engineer with the U. S. Engr. Dept. in Pittsburgh, Pa.

ALVIN McGEE MOCK, '29, is a Lt. Col. Corps of Engineers, Box 156, Ft. Belvoir, Va.

ROBERT CHARLES MOSER, '30, is assistant test engineer, Cincinnati Gas & Electric Co., and resides at 6214 Graceland Ave., Cincinnati, Ohio.

MYRON ORVAL JENSEN, '34, is assistant hydraulic engineer, TVA, 206 Arcade Bldg., Asheville, N. C., and resides in Murphy, N. C.

CHARLES BROWN SMITH, '36, has a change in mailing address to 2119 South 8th St., Ironton, Ohio.

JOHN DUDLEY BOYLAN, '36, is a Lt. U. S. A. and gives his address as 800 Barton Ave., Chattanooga, Tenn.

JOHN WILSON COLE, '38, is Assoc. Mng. Engr., U. S. Bureau of Mines, Dept. of Interior, Spokane, Wash.

JAMES MAXWELL ROBINSON, '38, is employed at the North Electric Mfg. Co., in the Engineering Department. Mail will reach him at 736½ N. Columbus St., Galion, Ohio.

TAU

HARVEY OREN BANKS, '30, is a 1st Lt. U. S. A. Corps of Engineers, and his mail should go to 1628 North Roosevelt Ave., Pasadena, Calif.

DAVID MUIR MACALPINE, '30, is an instructor in the School of Technology, College of the City of New York, and resides at 618 West 151st St., New York City.

VALENTINE RALPH SOBIERALSKI, '31, is Deck Officer, U. S. Coast & Geodetic Survey, Washington, D. C.

LYOYD THEODORE CHENEY, '38, is reported to be an instructor, Case School of Applied Science, in Cleveland, Ohio.

WAYNE EASTWOOD HUNTLEY, '38, at last accounts was engineer for a government agency in Ithaca, New York, but wants mail sent to Route 2, Phoenix, New York.

LEONARD CARL LINDBLOM, '38, is in the army

now. He served formerly with the TVA, in Knoxville, Tennessee.

FRANK JOSEPH ROEHM, '40, is a junior electrical engineer Tel. Sect. Philadelphia Signal Corps. His mailing address is 33 Brunswick Blvd., Buffalo, N. Y.

JOHN JOSEPH O'NEILL, '42, is with the I-T-E Circuit Breaker Co. and resides at 2110 Stenton Ave., Philadelphia, Pa.

LAWRENCE FREDERICK POLISSE, '42, is with General Electric Co. and resides at 623 McClellan St., Schenectady, N. Y.

JOHN COSLER SCHANTZ, '42, is junior engineer draftsman for the American Bridge Co. in Elmira, N. Y., and resides at 218 Prospect St., Newark, New Jersey.

FLOYD ERIC WHITE, '42, is engineer for the American Bridge Co., Elmira Heights, N. Y.

UPSILON

DICK RAY, '28, is chief engineer for the Nelson Electric Mfg. Co., 217 N. Detroit, Tulsa, Oklahoma.

CECIL SIDNEY CAMP, '29, is Assoc. Engr. for So. Atlantic Div. for the War Dept.

WILLIAM MADISON GORDON, '31, is a Lt. CEC, U. S. N. R. and resides at 2723 Cherrywood Rd., Jacksonville, Fla.

VIRGIL ANCIL WALLACE, '31, is a Lt. (jg) CEC, U. S. N. R. and gives his mailing address as Box 698, Hobart, Oklahoma.

RILEY BURTON LANE, JR., '38, is an Ensign U. S. N. R., and asks that mail be sent to 424 Ash St., Little Rock, Ark.

MAJ. R. R. MILNER, '38, is on duty in the Ordnance Dept. of Elgin Field, Florida.

BEN BABCOCK JOHNSTONE, '39, is in the armed forces and mail should be sent to 812 West 4th St., Little Rock, Ark.

DELBERT ADOLPHE SCHMAND, '39, is chief utility engineer, U. S. Engineers Office, Stuttgart Airfield, Stuttgart, Arkansas, and gets his mail at 718 W. 4th St., Little Rock, Ark.

WILLIAM DOVNE PATTON, '41, is with Westinghouse El. & Mfg. Co. in East Pittsburgh, Pa., and resides at 7710 Waverly St., Pittsburgh, Pa.

CYRUS HUNTINGTON BOND, JR., '42, is junior engineer with the M. W. Kellogg Co., and resides at 227 N. 5th Ave., Texas City, Texas.

PHI

ERNEST DOMINIC SANDRETTO, '33, is engineer for the General Electric X-Ray Corp. and resides at 334½ N. Lotus, Chicago, Illinois.

D. W. CHRISMAN, '42, is a 1st Lt. "somewhere in Alaska."

JAMES VANDERFORD, '42, is a 2nd Lt. at Ft.

Sill. He may be reached at 104 S. 12th St., Lawton, Okla.

R. J. WINNER, '43, is also a 2nd Lt. at Ft. Sill in the Sound and Flash school. His address: HSN 0-5V34V3 OS and FRC No. 14 FAS Ft. Sill, Okla.

CHI

WALTER AUGUSTUS BROWN, '32, is office engineer for the J. B. Converse Co. at Port Arthur, Texas.

CARL FRANK BRUCE, '32, is a captain United Airlines Transp. Corp. and resides at 4461 S. 114th St., Seattle, Wash.

EDWARD PACE FRAPS, '33, has a new address at 322 Parview Ave., Marietta, Georgia.

FRANK MARK CLINTON, '34, is now located in Idaho Falls, Idaho, and is still with the U. S. Bureau of Reclamation as Engineer.

EDMOND FRANCIS MARUM, '37, spends his

hours at the Post Engrs. Office as Civil Engineer. Address: Yuma Airbase, Yuma, Arizona.

STANLEY M. MOOS, '37, eastern manager for the Denver Equipment Co. for the past two years has been appointed General Manager of the Denver Equipment Co., S. A. Offices are located in Edificio Jalisco, Calle Ejido No. 7, Mexico, D. F.

KENNETH WILLIAM HAMMES, '38, is reported to be chief field engineer, Castle Dome Copper Co., Miami, Arizona.

JOHN DOUGLAS RITTENHOUSE, '38, is with Bechtel, McCone & Parsons Corp., 155 Sansome St., San Francisco, Calif., and resides at 2244 Vallejo, San Francisco.

EDWARD LEE YOUNG, JR., '38, is a captain in the air corps, U. S. A. S-3, A.C. Classification Center, Army Airbase, Santa Ana, Calif.

ELLIOTT MORSE CUSHING, '39, is reported to be with the U. S. G. S. and resides at 303 East Mabel St., Tucson, Arizona.

DAVID H. ORR, JR., '39, left Phelps Dodge Co. in Bisbee to join the airforce of the U. S. Army.

VICTOR DOUGLAS STEVENS, '39, is reported to be with Central Ariz. Light & Power Co., residing at 1130 East Brill St., Phoenix, Ariz.

GEORGE D. WARR, '39, has a change of mailing address to 4260 Troost Ave., North Hollywood, California.

HERMAN WILLET VAN LOO, '39, is now assistant civil engineer, U. S. N. Public

Works office, Naval Air station, Kaneohe Bay, Hawaii.

LEWIS WILLIAM LOWE, '40, is a Lt. U. S. A., and Division Signal Property Officer, 141st Armored Signal Co., Ft. Knox, Ky. Mail should be sent to his permanent address in Gilbert, Arizona.

TOM LOVELACE RITTENHOUSE, '40, is an Ensign U. S. N. R., 105th Naval Construction Btn., Co. D., Camp Peary, Williamsburg, Va. Mail should be sent to Williams, Arizona.

TOM L. RITTENHOUSE, '40, recently completed his training at Camp Peary and is now an Ensign in the Sea Bees, U.S.N.R., 105 Naval Construction Battalion, Company D, ABD, Port Hueneme, California.

HAROLD RALPH STEWART, '41, is "missing in action in South Seas in 1943." He was 2nd Lt. Marine Corps Reserve, Guadalcanal, Sol. Is. He crashed in Feb., 1943. No word since. He may be a prisoner.

JOHN MCGILL JOHNSON, '42, is Construction Engr. for Prouty Bros. Eng. Co., Box 111, Fremont, Nebraska.

ROBERT WILLIAM AGETON, '42, is Jr. Engineer for Phelps-Dodge in Morenci, Arizona. OSCAR LYON, JR., '42, sports an Ensign's stripe at Camp Peary, Va.

VAN H. SAULE, '43, has sprouted wings and is flying with the Army Air Forces. His home address is Box 291, Superior, Arizona.

JOHN W. DULLES, '43, is stationed at the Compania Metalurgica Penoles, S. A. Apartado Postal 251, Monterrey, N. L., Mexico.

PSI

JAMES H. McMAHON, acts as Research Assistant in the Metallurgical Laboratory at the University of Chicago.

R. J. WOODY, '32, former research metallurgist at Washington State College is now with the Olin Corporation, Tacoma, Wash.

EDWARD B. TRUEWORTHY, '33, is a U. S. Army Engineer.

CLARENCE A. WENDELL, '34, is mining engineer with the Metal Mines Analysis Office of the OPA in Washington, D. C. He resides at 6321 Patterson St., East Riverdale, Maryland. Before going to Washington he was with the National Tunnel & Mines Co. at Tooele, Utah.

ROBERT LAWSON, '37, who formerly represented Ingersoll-Rand in Calcutta, India, now serves that company in Butte.

RAY MURPHY, '37, is with the U. S. Army Engineers.

AL RAMBOSEK, '37, is with the U. S. Army Air Corp Engineers.

CHARLES E. BECKSTROM, '38, is in the U. S. Naval Reserve.

ROBERT BLAKE, '38, has returned to Butte from Mexico and can now be reached through the Domestic Manganese Co. in Butte.

VIRGIL CHAMBERLAIN, '38, recently left Butte for Colorado where he assumed the duties of geologist for the U. S. Vanadium Corp.

JOHN T. HOLLERAN, '38, is with the U. S. Army.

RAY NELSON, '38, is overseas with the Canadian Army.

AUGUST RAMBOSEK, '38, is in Africa with the U. S. Army Corp.

CAMERON RICH, '39, is now employed by the Evan Jones Coal Co. at Jonesville, Alaska.

- FRED POPE, '39, is with the U. S. Army Engineers.
- MATTHEW E. GOODING, '40, is back in Canada from Demerara, British Guiana, and is still with Aluminum Company of Canada at its Shawinigan Falls plant as engineer.
- THOMAS EILERT LUEBBEN, '40, is metallurgical observer, Carnegie Illinois Steel Co., Chicago, Illinois.
- WILL MITCHELL, JR., '40, is instructor in mining engineering at Lafayette College, Easton, Pa.
- EDGAR BARNES, '40, is with the U. S. Navy Air Corps.
- THOMAS A. GREENE, '40, is with the U. S. Army Engineers.
- CHARLES LYDEN, '40, is a Lieut. in the U. S. Navy.
- WILL MITCHELL, '40, now instructs the unenlightened in mining at Lafayette College, Easton, Pennsylvania.
- H. EUGENE NELSON, '40, is with the U. S. Army and is overseas.
- WILLIAM D. TRETHEWAY, '40, is a U. S. Army Engineer.
- DON BERG, '41, is an Ensign, U. S. Naval Reserve.
- SILVIO FOPP, '41, is an Ensign, U. S. Naval Reserve.
- GEORGE D. GRAYER, '41, who graduated from the Mo. School of Mines in 1942, is reported to be at the Mayo Clinic in Rochester, Minnesota, for treatment and lives at 831 S. 76th St., Rochester.
- H. R. HILL, '41, who graduated at the Mo. School of Mines in 1943, is with Westinghouse in Washington, D. C., and gives his home address as 2910 Military Road.
- JOHN HUXLEY, '41, is in the U. S. Army.
- THOR W. JOHNSON, '41, has been promoted to full Lt. U.S.N.R. and remains in Bremerton, Washington.
- DEAN LINDQUIST, '41, is in the U. S. Navy.
- PAAVO PUUMALA, '41, is with the U. S. Army.
- MILLARD REYNER, '41, is an Ensign, U. S. Naval Reserve.
- PAUL RIPLEY, '41, is an Ensign, U. S. Naval Reserve.
- CARL SAFRAN, '41, Lt., is with the Royal Canadian Engineers in England.
- JACK HARVEY, '42, is in the U. S. Army Air Corps.
- RAYMOND J. KUJAWA, '42, is receiving mail at Libby, Montana. He is assistant supt. Universal Zonolite Insulators Co.
- CLIFFORD A. BARKELL, '42, travels back and forth between Montana and California as a junior geologist for the Shell Oil Co.
- WILBUR CRISWELL, '42, may be reached through the Mike Horse Mining and Milling Co. at Helena, Montana.
- PAUL O'LEARY, '42, spends his working hours in the metallurgy department at Ingersoll-Rand's Phillipsburg, N. J., plant.
- H. JEROME SEIM, '42, is a metallurgist for Boeing at Seattle.
- WILBUR CRISWELL, '43, is with the Mike Horse Mining & Milling Co. at Lincoln, Montana.
- H. JEROME SEIM, '43, who has been a graduate student at the Montana School of Mines, is working in the metallurgical department of the Boeing Aircraft Corp., Seattle, Wash.
- DELWYN EVERETT SILVER, ex '44, is a Capt. in the Air Corps. His permanent address is P. O. Box 389, Helena, Montana.

OMEGA

- DONALD ANDY RICKETTS, '32, is Jr. Metallurgist for Cerro de Pasco Copper Corp., La Oroya, Peru, S. A.
- RICHARD NEIL DOOLITTLE, '35, is an Ensign U. S. N. R., Navy 8235, Fleet Post Office, New York City.
- STUART D. FERGUSON, '37, formerly in charge of the Bald Mt. Mining Co. at Trojan, S. D., is now field assistant to the manager of the Colonial Mica Corporation at Custer, S. D. The Bald Mt. was a gold mine and is closed by government order.
- LT. W. C. WHITHAM, '37, is still in Railroad engineering but now its with the Army. Mail will reach him through 319½ Walnut St., Yankton, S. D.
- DAVID LLOYD DAVIES, JR., '39, is an Ensign CEC, U. S. N. R., Ships Co. NCT, C., Camp Peary, Williamsburg, Virginia.
- ROBERT HENRY LUBKER, '40, is a junior engineer, U. S. Engineers Office, Little Rock, Ark.
- JAMES CARROLL NORMAN, '40, is a minor layout engineer, Boeing Aircraft Co., and resides at 2823 West Granham St., Seattle, Wash.
- WILLIAM FRANK VOREJDA, '42, is Group Leader for Eng. Dept. Curtiss-Wright Corp., Port Columbus, Ohio.
- WM. A. GRIFFITH, '43, has been called to active duty in the Naval Reserve. Mail will reach him through J. W. Griffith, Canton, S. D.
- LAWRENCE C. OLSON, '43, sends his address as 654 Bergen Ave., Jersey City, New Jersey.
- JOSEPH JAMES ROWETT, '43, is junior metallurgist, A. C. Spark Plug Co., Flint, Michigan, and resides at 819 Root St., Flint.

GAMMA BETA

WALTER RHINE, '36, is a 2nd Lt. in the Corps of Engineers, stationed at the Army Engineer Replacement Center, Atlanta, Ga.

HAROLD LEE SANGSTER, '37, is engineer for the Potomac Electric Power Co., Washington, D. C., and resides at 417 Sheperd St., Chevy Chase, Md.

FRANK TAYLOR MITCHELL, JR., '40, is with Jansky & Bailey and resides at 4500 Dexter St., N.W., Washington, D. C.

GUS MILLARD, '40, is a Lieutenant in the Navy, also stationed at Atlanta, Ga., where he is attached to the Public Works Office handling naval airport construction.

CARL GALLIHER ESTABROOK, '41, is an Ensign

U. S. N. R., stationed at the Underwater Sound Lab. and resides at 450 Montauk Ave., New London, Conn.

PHILIP JEHIEL CROSSFIELD, '42, is assist. mechanical engineer, U. S. Naval Gun Factory, Navy Yard, Washington, D. C., and lives at 18 9th St., S.E., Washington, D. C.

R. W. McCULLOUGH, '43, took on the responsibilities of a married man this July. He is employed with the Goodyear Aircraft Co.

FREDERICK MORRIS FIKER, Hon., holds the distinguished rank of Dean of Engineering at George Washington University, Washington, D. C.

DELTA BETA

ALLAN NELSON HALLBERG, '39, is with the Assoc. Engr. Corps of Eng. Caribbean Div. Caribbean Defense Comm., Miami, Florida, is his new address.

H. C. CRUM, '45, is with the Army Air Corps as a pre-meteorologist at the University of Minnesota. His permanent address is 2515 Top Hill Road, Louisville 6, Kentucky.

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TO WIVES whose husbands } **SERVICE OF THE**
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