

THE
GEAR
OF THETA TAU

Spring, 1946

Volume XXXV

Number 2

The GEAR of
THETA TAU



SPRING, 1946

VOLUME XXXV

NUMBER 2

Theta Tau Fraternity

Founded at the University of Minnesota October 15, 1904
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THE GEAR OF THETA TAU

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Our Fraternity

By GRAND REGENT RUSSELL G. GLASS

It is with a great deal of pleasure that I can report to you on the healthy condition of our fraternity. In spite of strikes, strife, reconversions and what-not, our new actives, returning veterans, and faculty advisers, without much fanfare, have already built up most of our chapters to at least equal their pre-war strength.

Acting Grand Regent Hopkins and the other members of the Executive council are to be congratulated on the splendid work they did during the war years in holding our fraternity together. We had only one chapter shut down completely as compared with from 50 to 75% loss of other professional fraternities.

Reports indicate that every school in the country is operating under conditions that are straining their equipment and staff almost to breaking point. Many activities formerly carried as school functions will now be discontinued as the main object seems to be to get the greatest number of men through school in the shortest space of time. We, therefore, have a greater opportunity to be of service to our respective schools than ever before.

Every chapter of Theta Tau must justify its existence on its campus and in the past it was sometimes hard to find a project that was not already well handled by the school or some other organization. This has all changed and the field is wide open for worth while activities on every campus.

With the large increase in enrollment, selection of outstanding men should be no problem. We have an

obligation to the returning veteran and should act accordingly. He has been a member of one of the greatest



organizations we have ever known; he wants to take an outstanding part in our fraternity and never before have we had an opportunity to welcome such a group of leaders.

Veterans are great organizers and doers, if we don't make a place for them and an outlet for their enthusiasm on some outstanding work they will organize their own groups to take over the job that our chapters should be doing.

Alumni now located at schools where we have no chapters are in position to fill a definite need on their campus by establishing new chapters, and, through this post-war period we should have greater expansion than we had after the last war.

As stated before, most schools will operate as a mill and this is our chance to supply many of the extra curricular activities that make better engineers out of our young men.

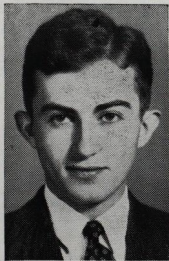
I am happy to be with you again

and wish to take this opportunity to extend to the various chapters and officers my best wishes and continued success in the growth and operation of our fraternity.

Glen Hutchinson in the Philippines

Lieutenant Glen H. Hutchinson, Gamma '41, has been in service since his graduation in 1941. The first year was spent at Fort Belvoir, Fort Lewis, Washington, with a light pontoon bridge company, then later with the 27th Division. In April 1942 he was accepted for pilot training in the Air Corps which he obtained at Santa Ana, California, Fort Stockton, Texas, Penscos, Texas, and Roswell, New Mexico.

Upon completing Instructor's training at Sacramento, he was assigned to Marfa, Texas, as instructor. After a year there he was transferred to La Junta, Colorado as instructor in B-25 training and in July 1944 was sent overseas. Lt. Hutchinson has been flying C-47's in the Air Service Command and is stationed in the Philippines.



PAT T FUGATE JR

Pat Fugate Business Manager of The Southern Engineer

Pat T. Fugate, Jr., Rho '46, of Elm City, a senior in mechanical engineering has been elected business manager of *The Southern Engineer*, official student publication of the School of Engineering at N. C. State College. Fugate, a top-ranking student, will work with Maurice Dunn, Rho '46, of Charlotte, who was elected editor earlier in the year. Fugate is a member of the Board of Publications, the Engineers Council, and the staff of *The Technician*, weekly campus newspaper.

North Carolina State College News

Guerrilla Operations

By MAJOR FRED W. VARNEY, Beta '08

At the time of the surrender of the USAFFE to the Japanese, May 10, 1942, a number of American Officers and enlisted men decided that a chance in the jungles was much better than a Jap concentration camp. We long realized that it was only a matter of time until we would have to surrender so we started to cache arms and ammunition in the jungle and mountains to use while we were waiting for the return of the American troops, which at that time we felt would not be more than six or eight months. All of us who had been in the Islands prior to the war knew that our only trouble would be with the Japs and possibly some of the Moro's and Magahats, who are pagans of the mountains.

There was no law or order during the early Japanese occupation on the Island of Mindanao and it was not long before small bands of Filipinos, both civilian and ex-soldiers, started looting the country; in order to stop the looting we started organizing our own bands to cope with the situation.

About September 1942, Col. W. W. Ferdig, a mining engineer who had been on Bataan, was put in charge of organizing these groups into the guerrilla movement. It was not long before we had a well organized guerrilla army which extended all over the Island of Mindanao. The consolidation and operation was rather slow due to bad commutation which had to be carried on by runners and in some cases it took weeks to get in touch with an outlying outfit. The Lanao

Mora's were ambushing the Japs by this time and it was not long before Japs developed a great deal of respect for the guerillas.

The guerilla organization of Mindanao had 32,000 men divided into seven divisions with more than 15,000 under arms at all times. At the start we attempted offensive operations against the Japs but being greatly outnumbered and poorly armed, before submarine service started to supply us, we were not too successful and had to drop back to regular guerrilla warfare of ambushing Jap patrols and surprise attacks on small Jap garrisons.

In October 1942, with Lt. Col. C. E. Water, we constructed a radio station at Anakan with material collected from three old stations that we had before the surrender. After considerable trouble we were able to contact San Francisco and Australia, who at first thought that we were Japs trying to put something over. Col. Water was well known to some of the Air Force and through his personal knowledge of places they had been, he was able to identify us.

In January 1943 a submarine landed Lt. Commander Charles Parsons and Captain Charles Smith, who were sent from Australia by General MacArthur to check up on our organization and operations. Commander Parsons looked over our different outfits and gave us his O.K.

Being recognized by the S.W.P. it was not long before submarines were making regular trips with arms, ammunition, and much needed medical

supplies. Radios were sent in so that we could set up a radio net on the Island and keep our headquarters informed of all Jap movements that our watcher stations observed. This information in turn was sent to the Navy as well as the South West Pacific. We operated sixty-two radio stations on the island and only lost two to the Japs. Radio personnel such as operators and technicians were sent in to us by submarine and our radio setup was under Lt. Commander M. M. (Monte) Wheeler.

We were notified by S. W. P. whenever a submarine was to come in and on a set date we would put up security signals on shore and had a banca or boat off shore with signals flying. The sub would put its periscope up and if all was well it would surface around midnight to be unloaded. Each meeting was at a different place and at times had to be changed due to Jap movements. Cargo taken off a sub had to be moved back off the beach as soon as possible as the Japs were generally at the point of unloading within thirty-six hours or less. The average load ran around twenty-five tons although I unloaded ninety-two tons off a large sub one night at Butuan. After the supplies were back in the jungles they had to be distributed to the different units over the island which generally was more of a problem than the unloading. In our unloading operations we used launches captured from the Japs or native boats (bancas).

The guerrillas had to make their own sugar, coffee, alcohol, coconut oil, soap, and chocolate. Tobacco was not hard to get but at times one would have to lean up against a tree to smoke some of it. We operated our own

farms, raising Comotes, rice, corn and chickens. As a rule we had plenty food although at times, when the Japs had us cut off from our supplies, things were not so good, for a diet of a limited supply of either corn or rice leaves quite a bit to be desired. On the trail, if the Japs were not too near, there was plenty of deer, wild pig, and monkey. Alcohol was distilled from tuba, a native drink made from the sap of coconut palm, which we used to operate gasoline engines. Coconut oil was used to operate our diesel engines used in the launches and on radio charging plants. At this time I might state that we also printed our own money under the order of the S. W. P. We had two presses in the mountains using paper sent in to us by sub. This money has now been taken up by the U. S. Government. We operated a large Cinchona plantation under Col. Arthur Fisher who has been the head of the P. I. Bureau of Forestry. This plantation was held throughout the war furnishing quinine to our forces.

In handling the submarine detail I crossed the Island of Mindanao three times. The best time was twenty-eight days through jungle and over the Bukidnon Plateau. On this trip we had to cross the Jap main line of communications to two different places. Our crossings were made at night, the first being within seventy-five yards from a Jap outpost. Every Barrio or settlement you came to, no matter how small, the Filipinos always wanted to give a dance for you. At times it was necessary to break up the dance in order to get out before the Japs came in. Whenever these dances were held we always kept a guard on all trails leading into the Barrio and attended

well armed. The American guerrilla owes his life to the loyal Filipinos who supported and hid him out when necessary. Food etc. was ours for the asking from pagan datus to Christian Filipinos who transported food and supplies while in hiding or in action against the Japs. Going through the island on guerrilla missions the Filipinos would give you their last chicken and move out of their homes so that you could use them. When out on a mission it would take anywhere from one to four months. My longest mission was when I was sent to the east coast to unload subs and estimate the number of Japs on the coast. The trip took four months. On another trip we went from the interior to the west coast, unloaded a sub, and transported twenty tons of supplies through Jap controlled country back to our headquarters in a little less than three

months.

Our losses were due to malaria and influenza rather than losses in action. Most of our men were without shirts or blankets, a few had native mats, and most of the Americans went barefooted at times before the subs started to bring supplies. It must be remembered that we were operating in a conquered country and were in the other fellow's back yard. During the month of November 1944 the guerrillas killed 1147 Japs with a loss of 22 men.

In November 1943 we started sending out all civilians and men that wanted to go. At this time Mrs. Varney, who had been with us and stayed with the guerrillas, left for Australia. Judging from my guerrilla operations, I think that Theta Tau was represented in all branches of the service during this last show.

World War II Veteran Trains at Westinghouse

James A. Frazier, Chi '42, has joined the Westinghouse Electric Corporation as a member of its graduate student course. He was recently discharged from the U. S. Navy in which he served 3½ years as an officer.

While at the University of Arizona, where he received his degree in electrical engineering in 1942, Frazier was president of Tau Beta Pi and a member of Theta Tau.

One of many young men selected from colleges and universities throughout the country, Brother Frazier is

receiving engineering, manufacturing, and classroom instruction designed to fit him for active participation in the Corporation's postwar production program and for future leadership in the electrical industry.

The course was organized by Westinghouse over 50 years ago to help college graduates bridge the gap between academic preparation and actual productive work.

He is now living at 520 Wallace Avenue, Pittsburgh 21, Pennsylvania, with his wife and baby daughter.

Scientific Suicide

By DR. WILLIAM E. WICKENDEN, Honorary Delta,
President, Case School of Applied Science and
American Institute of Electrical Engineers

(Reprinted from the *Case Alumnus*)

Since 1941 the United States has been traveling the road to scientific suicide. It has in fact gone a considerable distance down the road and even though it should reverse its course immediately, the results are bound to be felt for a whole generation. What is more, we have been traveling this way alone, while our allies and even our enemies were going the other way. While we have been squandering our scientific and technical manpower in routine assignments in the Armed forces and have virtually prevented its renewal, Britain, Canada, Russia, China, and even Germany and France were reserving their experts for special services, withholding students of science and engineering from the armed forces and adding greatly to their numbers.

The result we now face is inevitable shortage of newly trained engineers, chemists, physicists, biologists, geologists, and mathematicians adding up to about 100,000 men, or a normal four-year's supply, and perhaps an equal number gone to seed through non-use of their special abilities in the Army and Navy. The calamity lies in the fact that the shortage is most acute just when these men are most needed. They ought to be the shock troops of reconversion; they ought to be converting the extraordinary technical advances of the war, such as radar, jet propulsion, V-bombs, and finally atomic power to peacetime

uses; production processes, and products, on which we must depend for full employment and high income standards; they ought to be prospecting for new sources of wealth to offset our burden of war debt; and, above all else, they ought to be insuring the future pre-eminence of science and technology on which our national security is going to depend—but they are lacking.

KNOWLEDGE IS POWER

So America is learning, belatedly and the hard way, what Germany knew before World War I and what Britain and France learned then at tragic cost, that the effective use of research skill and technical knowledge is just as important to victory as the mobilization of fighting power and that scientific and technical manpower must be conserved and renewed at all costs.

Shortage of manpower is not the only deficit; we are precariously short of new scientific knowledge as well. The margin between what we know and what we use, our backlog, for future developments, was never so slender. There is an illusion that we have made great gains in science during the war. Actually, basic research has been almost at a standstill; we have merely been exploiting most intensively the knowledge we already had. Nothing much but technical know-how, which any smart nation can reproduce by spending the needed

time and money, has been added to the knowledge of atomic energy we had before 1941.

POLITICAL APPEASEMENT

This sad state of affairs is the result of selective service policies made at the top which aimed at political appeasement instead of a discriminating use of the nation's talents. The local boards have done their best under the policies laid down by the War Manpower Commission. These policies are reported on good authority to trace back to the White House, which insisted that no measures were to be taken which could be construed as favoring any class or group. On the surface, this sounds admirable; as applied, it was a travesty rather than a fulfillment of selective service, sending thousands of skilled chemists to carry rifles, expert engineers to handle supplies in warehouses, and research men to do paper work at desks, with their special capacities going to seed from non-use.

Student deferments were reduced to a mere trickle in 1942 and abruptly terminated a few months later. This cut student ranks in the sciences to mere handfuls of 4-F's and women, augmented by a few thousand engineers in training for routine assignments in the Army and Navy. When one high official was questioned, he replied, "Of course it's preposterous, but no other course is politically feasible."

If we could resume full-scale training now, we might bring the supply of engineers back to normal by 1949 and that of physicists and chemists by 1952. The cumulative deficits of the meantime will probably never be made up. Bottlenecks exist, such as lack of housing for veterans, limitations of

laboratory space, deterioration of equipment, and especially an acute shortage of qualified teachers. Faculties have been drawn upon heavily to augment the armed forces, to man the special research agencies of government such as O.S.R.D., and to build up the research staffs of industry. Meanwhile, no replacements have been trained, and gaps must be filled in severe competition with government and industry while college treasuries are in the red and without resources to cope with inflation.

Next to atomic warfare and the labor crisis, research is the No. 1 public issue of the day. From lack of planning, we came closer to losing the war on the research front than on the fighting front. Now we are giving belated thought to research as a means of future security. The May Bill (H.R. 3440) and the Byrd Bill (S.825) seek to create agencies for work on military problems alone. The Magnuson Bill (S.1285) and the Kilgore Bill (S.1297) both aim to establish a National Scientific Foundation with large resources for fellowship grants, and for scholarship awards to encourage scientific talents among undergraduates. They differ in the method of administration and control.

SCIENTIFIC FOUNDATION

Senator Magnuson would entrust the administration to an autonomous board of nine scientists, chosen without regard to political affiliation, who would choose the directing head of the Foundation. Senator Kilgore proposes that a Director be appointed by the President with full administrative power and also an advisory group including equal numbers of heads of government agencies and of public members. He also proposes to reserve

all patent rights to the Federal Government.

Opinion among scientists and engineers strongly favors the Magnuson Bill, holding that complete freedom from bureaucratic or military domination alone can foster fruitful scientific work and that the patent provisions of the Kilgore Bill would tend to defeat its main purpose by discouraging the participation of the best qualified men and institutions.

The supply of scientific and technical manpower will also be strongly affected by future legislation on selective service and universal military training. If the draft law is extended beyond May 15, 1946, a vigorous effort will be made to secure deferments or exemptions for students in the sciences necessary to national health and security, or failing this, to have them assigned to training quotas for

a future scientific reserve. It seems quite unlikely that any law providing for a year of uniform military training at eighteen can be enacted. Some compromise measure, which would require basic training of all, to be followed by diversified training, given either in conjunction with advanced schooling or in National Guard units, seems to have a much greater chance of adoption. Engineers and scientists object to the one-year plan because it makes no provision for advanced scientific training as an integral part of the general plan for security. At its worst, it would simply prepare for a repetition of the last war's misuse of technical manpower. National security demands an effective integration of an ample and continuous supply of trained manpower in both categories.

Clinton Edwards Returns from German Prison Camp

Captain F. Clinton Edwards, Gamma '41, is more than glad to be back in the "good ol' U.S.A." after a year's imprisonment in Germany. He entered the service in January 1942 at Lubbock, Texas as Aviation Cadet, receiving his preflight training at Kelly Field; primary training at Chickasha, Oklahoma; basic training at Waco, Texas; and advanced training at Ellington Field, Texas. Here he received commission as 2nd Lieutenant with the rating of Pilot.

He left the States on May 25, after considerable other training, and flew to England. There, with the 284th Bombardment Group, he was stationed in the Midlands. On his 22nd mission, on which he was the Group Leader,

their target was a small airfield near Oberpoffenhoffen, Germany. Captain Edwards had the misfortune to be on the receiving end of a direct hit on his No. 2 engine by German flak, severely damaging his plane. Being forced out of formation, he headed his plane for France where he planned to crash land and make his escape. Another misfortune met him, however, when passing an enemy airfield, 3 M.E. 109's took off immediately and climbed to his plane's altitude and began attacking. His gunners knocked one of them down, but his plane encountered considerable damage. Captain Edwards gave the order, "Bail Out Men" which they did.

Captain Edwards went down near

Bruchsal, Germany, in April 1944, where he was picked up immediately and taken to Sagan, Germany. After nine months he was moved to Nuremberg, Germany. Because of the advancing American Army, the prisoners there were marched 150 kilometers in 18 days to the prison camp at Mooseburg, Germany, where they were kept until released by the 14th Armored Division of Patton's 3rd Army in April, 1945.

For his achievements while overseas, Captain Edwards received the distinguished Flying Cross, the Air Medal with three Oak Leaf Clusters, the Presidential Unit Citation Badge, the E.T.O. with battle star, and the Purple Heart.

Brother Edwards is now assistant production engineer for the Honolulu Oil Corporation with address Box 492, Sundown, Texas.

Mines Magazine

William Studdert to Become Consultant

Captain William W. Studdert, Rho '27, a high-ranking engineering officer who was in charge of United States Naval construction from Guadalcanal to Okinawa, is expecting to open a professional engineering office in New Bern, N. C.

Captain Studdert had direct supervision over the construction of airfields, naval bases, and B-29 bases throughout the South and Central Pacific as the American military forces pushed the Japanese back toward their home islands. He was the consulting officer of a building unit of 6,600 officers and men.

On January 16, he was presented the Legion of Merit at the Marine Corps Air Station at Cherry Point, by Brig. Gen. T. J. Cushman, for meritorious service in the Pacific. Capt.

Studdert also wears the Bronze Star, the Asiatic Campaign Ribbon with four stars, the American Defense Ribbon, the American Area Ribbon, and the Victory Ribbon.

Captain Studdert spent 18 months at Camp LeJeune, before leaving for the South Pacific where he carried out a three-year tour of duty. He entered the Navy in May 1941 as a lieutenant and was steadily promoted.

Captain Studdert is expected to re-enter the engineering profession on the expiration of his terminal leave. Prior to the war, he supervised the construction of one of the world's largest gravity pipe lines for the Texas Company, at Midland, Texas, where he served as the company's civil engineer.

North Carolina State College News

C. S. Strike in Germany

Clifford S. Strike, Kappa '24, West Hartford, Conn., building contractor, has been helping with reconstruction in the American zone of occupation in Germany as chief of the building materials and housing branch of the U. S.

Group Control Council's economic division. His own engineering firm, F. N. McGraw & Co., built more than \$200,000,000 worth of war projects in the U. S. and Central and South America.

Kenneth Rosebush Promoted

Speaking of young air corps officers of high rank, there is Kenneth E. Rosebush, Zeta '41, who has become Lieutenant Colonel. He was an A-20 pilot and deputy commander of the 417th Bomb Group "Sky Lancers" in the 5th Air Force. He was in the Pacific theater 30 months. His group specialized in low altitude sweeps against

enemy shipping, airfields, and entrenched infantry positions. He wears a Distinguished Flying Cross with Oak Leaf Cluster and the Air Medal with three Oak Leaf Clusters. Before entering the service Colonel Rosebush was doing petroleum engineering with Gulf out of Tulsa.

Kansas Alumni News



David Shephard Chairman of Anglo-American Oil

David Shephard, Eta '26, has been appointed chairman of the Board of Directors of the Anglo-American Oil Co., Ltd., subsidiary of Standard Oil Co. of New Jersey. He was born in Denver in 1903 and graduated as a chemical engineer at M.I.T. He joined Standard of New Jersey in 1927 and then worked for two years at the refinery in Baton Rouge as research engineer. In 1934 he was transferred to Paris and shuttled between Paris and London during the next six years.

In 1940 he returned to New York and became technical adviser to the company on foreign markets until 1942 when he resigned to become petroleum attache to the U. S. Embassy in London. He rejoined the Jersey Standard affiliate in 1943 and was elected chairman last June of Anglo-American one of the world's largest distributors of petroleum products outside of the United States. He lives with his wife and two children in Cheam, Surrey, a suburb of London.

Fisher and Goll Advance in Alcoa

Announcement has been made by the Aluminum Company of America that Leonard C. Fisher, Delta '28,

favorite metal.

four years with Alcoa's Development Division at New Kensington, where



Leonard C. Fisher

formerly of Alcoa's Washington (D. C.) district sales office, has succeeded Frank D. Goll, Delta '24, as his assistant.

Brother Goll, who has filled the assistant production managers' post since 1941, goes to New Kensington, Pa., to become sales manager for the Aluminum Seal Company, a wholly-owned Alcoa subsidiary. An Alcoan since 1925 when he came to S-plant as a furnace engineer, Goll served for and other modern applications of the



Frank D. Goll

he played a leading role in the creation of the famed aluminum beer barrel

With Alcoa since 1928, when he became a sales apprentice, Brother Fisher was with the Chicago District Sales staff from 1929 to 1935, when he went to Washington to handle the War Department and Maritime Commission accounts. Much of his work on this latter assignment involved new applications of aluminum on military and marine equipment.

Case Alumnus

H. W. Smith Becomes V. P. of Lupton Co.

Harry W. Smith, Jr., Delta '30, announces his new affiliation as vice president of The John Mather Lupton Company, advertising, 420 Lexington Ave., New York City. He will assume general managerial and account work on metallurgical, chemical engineering, and mechanical business.

Since graduation from Case School of Applied Science, he has served as teaching fellow in mathematics at Princeton, and in various technical research and promotional capacities with Bell Telephone Labs., AGA Testing Laboratories, The New Jersey Zinc Company, and J. Walter Thompson. Prior to his sales corporation connection in 1941, he was director of national industrial publicity for the American Gas Association, New York. He is married and has one son, 6.

Case Alumnus

James Bump Captures Two Pre-historic Animals for S. D. Mines

James Bump, Omega '29, director of the museum and Harold Martin his assistant, brought two rare marine skeletons back to the institution in October. One a plesiosaur, came from the breaks of the Missouri River, 25 miles south of Chamberlain. The skeleton of this rare marine lizard, more than 30 feet long, was excavated from the Pierre shale and transported down river by boat to a truck point, there being 19 plastered slabs and 68

wrapped packages. The other skeleton, a mosasaur, was collected from Pierre shale at the spillway of the Elm dam, 10 miles west of Frederick. This skeleton is between 25 and 30 feet long and was collected in 15 plastered slabs and 30 wrapped packages. Difficulty was encountered in the collection as part of the skeleton was lying in the water and the rest of it in the bank at water level.

William Jackson Goodrum Refinery Chemist

William Jackson Goodrum, Rho '44, joined Spencer Kellogg & Sons, Inc., in Buffalo, New York in April, 1944 as refinery-supervisor-chemist. He is a member of the American Institute of Chemical Engineers, and Science Museum Photographic Club of Buffalo.

Mr. Goodrum is the son of Mrs. A. K. Goodrum and the late Mr. Goodrum of LaGrange, Ga. From August, 1936, to January, 1940, he worked as a teller for Citizens and Southern Bank of LaGrange.

While at North Carolina State he was Scribe of Theta Tau, vice president American Institute of Chemical Engineers, was on the Agromeck staff four years, was a Knight of St. Patrick, president of summer school in 1942, on the staff of the Southern Engineer, and was a member of the UMCA and the Engineers' Council.

North Carolina State College News



D. D. Ewing Heads AIEE Ethics Committee

Dressel D. Ewing, Phi '06, has been appointed 1945-46 chairman of the AIEE committee on code of principles of professional conduct, of which committee he has been a member since 1942.

Born in Vanlue, Ohio, and graduated with degree of electrical and mechanical engineer from Ohio Northern University in 1906, his first work was as a cable testman with Central Printing Telegraph & Telephone Co. of Pittsburgh, Pa. Shortly thereafter he joined the engineering staff of the Missouri Pacific Railway, St. Louis,

Mo. In the autumn of 1907 he returned to Ohio Northern University as an instructor in electrical and mechanical engineering. In 1912 he became a graduate student and an assistant in electrical engineering at Purdue University. A year later he was appointed professor of electric-railway engineering there and in various capacities has continued to serve the university and its students since. Upon the death of Brother C. Francis Harding in 1942, he was appointed head of the school of electrical engineering at Purdue.

Robert Ausman Cited for Heroic Achievement

First Lt. Robert Paul Ausman, Rho '43, is a veteran of the battles of Northern France, Ardennes, Rhine-



land, and Central Europe. He was awarded a Bronze Star Medal for heroic achievement in connection with military operations against the enemy from October 8 to December 18, 1944, in Luxembourg. This citation was for action in connection with the

battles of the Bulge and the citation stated further that "Lt. Ausman displayed outstanding diligence, courage, determination, and devotion to duty, when a powerful German counter-offensive threatened to engulf the town where he was stationed. When ultimately forced to withdraw as enemy armor entered the town, he directed the destruction of all equipment possible and in hurriedly tying the circuits through in such a manner that communications would continue although the station was unmanned. His unselfish actions prolonged the flow of vital information and contributed greatly to the eventual repulse of the enemy." We have been informed that the town referred to was Bastogne.

Lt. Ausman was employed by New York Ordnance Works, Baldwin, New York, during the summers of 1942 and 1943. He is the son of Mrs. Margaret Ausman and the late Mr. Ausman, of Phoenix, N. Y. At North Carolina State College he was treasurer of Pi Tau Sigma, vice president of the American Society of Mechanical Engineers, and ROTC lieutenant his senior year.

North Carolina State College News

James Richardson Assistant Manager of Mine Operators

James K. Richardson, Iota '32, has been appointed assistant manager of the Utah Metal Mines Operators' Association, with headquarters at 918 Kearns Building, Salt Lake City, Utah. He just completed three years' service in the Army and when released held the rank of captain of anti-aircraft

artillery. Graduated in 1932, from the Missouri School of Mines with the degree of engineer of mines, Richardson has been continuously connected with the mining industry, except for the years he was in service.

During school vacations he was employed in several of the largest camps

of Arizona and California. After his graduation he was on the staff of the U. S. Potash Company at Carlsbad, New Mexico, where he did research in flotation and was safety director. From 1936 to 1941 he was director of safety and industrial hygiene at the

Climax Molybdenum Company in Colorado, leaving there in 1941 to become secretary of the Tri-State Zinc and Lead Ore Producers Association. He resigned from that office in 1943 to join the army.

Capt. Edward P. Davidson in Tokyo

Captain Edward P. Davidson, Rho '40, is the Engineering Officer of the famed 9th Fighter Squadron, first fighter outfit to land at Tokyo during General of the Army MacArthur's formal occupation of the Japanese capital. The honor of being the first to fly into the capital was given the 9th's "Flying Knights" for their unparalleled feat of blasting 276 enemy planes out of the skies in 44 months of combat during its long march from Darwin, Australia, to Tokyo.

Capt. Davidson is a graduate of North Carolina State College and was employed as an industrial engineer by the Armstrong Cork Co., Millville, N. J., prior to his entry into the Army in April, 1942. He joined the P-38 "Lightning" squadron on Biak in October, 1944, and was responsible for keeping the outfit's planes in the air during the vigorous fighting on Leyte, where they were the first land based fighters to be stationed in the Philippines since the fall of Bataan. It was



on Leyte that he had his closest shave when a burning plane crashed out of control in his engineering area.

North Carolina State College News

Kent Van Horn Aquires Another Presidency

Dr. Kent R. Van Horn, Delta '24, assistant manager of the Cleveland branch of Aluminum Company of America's Research Laboratories and incumbent president of the American

Society for Metals, took office last month as president of the American Industrial Radium and X-ray Society.

The honor was conferred upon Dr. Van Horn November 9 at a Society

meeting in Milwaukee commemorating the 50th anniversary of Roentgen's discovery of X-rays. Formerly chairman of the Cleveland Chapter of the American Industrial Radium and X-ray Society, and later a board member, Dr. Van Horn became the organization's vice-president in 1944.

He is the first scientist to head both the ASM and the X-ray Society.

A graduate of Case School of Applied Science, Dr. Van Horn joined Alcoa as a research metallurgist in 1929. Previously, he had received his doctorate at Yale University, where he taught for two years.

Carroll L. Mann, Jr., Receives High Army Honor

The War Department's coveted efficiency rating of "superior" has been awarded to Lt. Col. Carroll L. Mann, Jr., of Raleigh, North Carolina, who

service as engineering and executive officer in the office of Bragg's Consulting Quartermaster, under whose jurisdiction the pre-war emergency construction program increased the capacity of Fort Bragg from a peacetime garrison of 3,000 to a teeming post of 66,500.

Col. Mann, who was graduated from State College with honors in 1932 and who received an advanced degree from Princeton University in 1933, served in the Quartermaster's office from October 7, 1940, until February of 1942 when he was made area engineer. He has complete charge of all war-time construction at Fort Bragg, Pope Field, Knollwood Field, and Camp Mackall.

Another promotion came to Colonel Mann in May of 1943 when the congenial Raleighite was made executive officer of the Wilmington district office of the U. S. Army Engineers Corps. In this capacity, Col. Mann, who accomplished one of the nation's most outstanding Army engineering tasks, has military supervision over all War Department construction in North Carolina.

In August of 1943, he was directed to return to Fort Bragg as post engineer in which position he had charge of the maintenance, repair, and operation



has been granted terminal leave by the Army after five years of duty as a key figure in the vast expansion program of Fort Bragg and other military installations in North Carolina.

Col. Mann has been highly lauded by top-notch Army authorities for his

of all utilities, buildings, constructions, roads, airport, and all real property. He also had the responsibility of organizing, training, and operating the post's fire department which is com-

posed of 11 stations. In addition to the regular fire protection, he was placed in charge of crash fire fighting at Pope Field.

North Carolina State College News

Howard Pyle Turns Banker

Howard C. Pyle, Epsilon '26, has been appointed vice-president of the Bank of America in charge of the institution's new oil division. With a B.S. degree from the University of California, and M.S. and Petroleum Engineer degree from the University of Southern California, he began his practical experience with the Union Oil Co. of California, serving that concern fourteen years, first as geologist and engineer and then as chief production engineer. He left Union Oil Co. in January 1943 to enter the U. S. Army as petroleum engineer, with rank of Captain, in the Washington, D. C. office of the Chief Engineer. Soon he was promoted to Chief, Oil Supply Rehabilitation and Development branch of the Quartermaster General's office, with rank of Major. In January 1944, he was assigned to the general staff of Supreme Commander Eisenhower in the E.T.O. as petroleum officer. During the latter part of pre-invasion planning and during the period Field Marshal Montgomery commanded all Normandy invasion troops, he was loaned by General Eisenhower to serve on Montgomery's general staff. In October 1944, he was promoted to the rank of Lieutenant Colonel and from then on served as deputy chief of the general staff, Oil Branch, Communi-

cations Zone. In this capacity he assisted in directing the petroleum supply to American Armies and Air



Forces in Europe, including construction and operation of the now famous pipe lines across Europe. With the end of the war, he has been returned to inactive status and takes up his new duties with the Bank of America immediately. He will review geological surveys, consult with petroleum engineers, executives, and operators in the industry, and will be responsible for maintenance and development of oil industry loan and deposit relationships for the Bank of America throughout California and other oil producing areas of the United States.

Mining & Metallurgy

Ordnance Officer

Major Lionel Darrell Murphy, Rho '33, who is in the Ordnance Department of the Army, saw active service in France, Germany, Holland, and Belgium. In February 1945 he went over-



seas where he traveled considerably in several countries of the European Theater of War. He wears the American Defense Ribbon and the European Theater of Operations Ribbon with one Battle Star.

Major Murphy was called to active duty in October, 1941, and was stationed in Louisiana, California, Virginia, Ohio, and Kentucky.

In 1932 he was graduated from N. Carolina State College, receiving a B.S. degree in Construction Engineering. He was a member of Theta Tau, Sigma Pi Alpha, Scabbard and Blade, American Society of Civil Engineers, Engineers Council, was ROTC major, and a Knight of Saint Patrick his senior year. For a number of years before entering the service, Major Murphy was employed by the North Carolina State Highway and Public Works Commission.

Major Murphy is married and has one son, Jimmie Huffstetler.

North Carolina State College News

Use and Mis-Use of English

Government agencies can speak English when they are forced to, but usually they remain behind their screen of five-syllable jawbreakers, considered "refeeced" during the Victorian Era. One poor dope made them get down to brass tacks, though. He wired a government bureau inquiring if hydrochloric acid could be used to clean a certain type of boiler tube.

Reply, "Uncertainties of reactive processes make use of hydrochloric acid undesirable where alkalinity is involved."

So the John Doe in question thanked the bureau for its advice and said that he would use hydrochloric acid.

Reply, "Regrettable decision involves uncertainties. Hydrochloric will produce submuriate invalidating reactions."

Again John Doe thanked the bureau and said he was glad to know that hydrochloric acid was all right.

Then it came. The bureau wired back, "Hydrochloric acid will eat hell out of your tube."

Parable of an Engineer

One day three men, a lawyer, a doctor, and an engineer, appeared before St. Peter as he stood guarding the Pearly Gates.

The first man to step forward was the lawyer. With confidence and assurance, he proceeded to deliver an eloquent address which left St. Peter dazed and bewildered. Before the venerable Saint could recover, the lawyer quickly handed him a writ of mandamus, pushed him aside, and strode through the open portals.

Next came the doctor. With impressive, dignified, bearing, he introduced himself: "I am Dr. Brown." St. Peter received him cordially. "I feel I know you, Dr. Brown. Many who preceded you said you sent them here. Welcome to our city."

The engineer, modest and diffident, had been standing in the background. He now stepped forward. "I am looking for a job," he replied. St. Peter wearily shook his head. "I am sorry," he said, "we have no work here for you. If you want a job, you can go to Hell." This response sounded familiar to the engineer and made him feel more at home. "Very well," he said, "I have had Hell all my life and I guess I can stand it better than the others." St. Peter was puzzled. "Look here, young man, what are you?" "I am an engineer," was the reply. "O, yes," said St. Peter, "Do you belong to the Locomotive Brotherhood?" "No, I am sorry," the engineer responded apologetically, "I am a different kind of engineer." "I do not understand," said St. Peter. "What on earth do you do?" The engineer recalled a definition and calmly replied: "I apply mathematical principles to

the control of natural resources." This sounded meaningless to St. Peter and his temper got the best of him. "Young man," he said, "you can go to Hell with your mathematical principles and try your hand on some of the natural forces there." "That suits me," responded the engineer. "I am always glad to go where there is a tough job to tackle." Whereupon he departed for the Nether Regions.

And it came to pass that strange reports began to reach St. Peter. The Celestial denizens, who had amused themselves in the past by looking down upon the less fortunate creatures in the Inferno, commenced asking for transfers to that other domain. The sounds of agony and suffering were stilled. Many new arrivals, after seeing both places, selected the Nether Regions for their permanent abode. Puzzled, St. Peter sent messengers to visit Hell and to report back to him. They returned, all excited, and reported to St. Peter: "That engineer you sent down there," said the messengers, "has completely transformed the place so that you would not know it now. He has harnessed the fiery furnaces for light and power. He has cooled the entire place with artificial refrigeration. He has drained the Lakes of Brimstone and has filled the air with cool, perfumed breezes. He has flung bridges across the Bottomless Abyss and has bored tunnels through the Obsidian Cliffs. He has created paved streets, gardens, parks and playgrounds, lakes and rivers and beautiful waterfalls. That engineer you sent down there has gone through Hell and has made it a realm of happiness, peace and industry."

From The Slide Rule

Carl Painter, Zeta '15, Active in Interest of Engineering Profession

Careful reading of this sketch is recommended to those who entertain the idea that fundamental training and experience are not necessarily essential to success in engineering and its application to the improvement of community existence.

Carl E. Painter was born at Marshalltown, Iowa, November 22, 1891, of English-Scotch ancestors, all Quakers, who settled in Virginia about 1870.

His grade and high school days were spent at Marshalltown. He attended Friends University at Wichita, Kansas; then the South Dakota School of Mines; followed this by obtaining his B.S. in civil engineering with all sanitary options in 1915 from Kansas University.

Years later this same institution awarded him an honorary civil engineering degree, based upon his estimate and study of the destruction value of two water supply systems doomed by the building of the dam at American Falls, Idaho—a report executed for the U. S. Bureau of Reclamation.

Carl's first engineering job—at \$50 a month—was in the employ of Calcosieu parish in Louisiana. The rain, mosquitos, and snakes made him wonder why he ever wanted to be an engineer. By 1916 malaria drove him out of Louisiana to Kansas City, where he obtained a position with Black & Veatch, consulting engineers, starting his waterworks and sewer experience.

In a few months he joined the Burns & McDonnell organization at Kansas City. For several years this connection

afforded him wide experience on waterworks and sewer design and construction, particularly purification. In addition to office work he had charge of the Menominee, Michigan \$250,000 installation; Ft. Madison, Iowa, \$350,000; Twin Falls, Idaho, \$350,000, and Okmulgee, Oklahoma, \$800,000.

Painter's first visit to Salt Lake City in February, 1919, was with Charles Heiser, the contractor on the Twin Falls installation. In those days the rough roads and Idaho lava dust required two days for the drive between Salt Lake and Twin Falls.

During the construction of Twin Falls, he also met L. E. Arnold, then vice president of the D. C. Dunbar Co., and through this meeting was offered an engineering position with the company.

He joined the organization February 1, 1920, with the understanding that at the end of a year he was to "get a raise" or be fired. In 1923, when Arnold bought out the Dunbar interests and formed the Waterworks Equipment Co., Carl was made vice president and consulting engineer, the position he holds today.

A short interval in Painter's life, starting at Twin Falls, involved a brief "hitch" in the army at Ft. Lewis, Washington. He held a reserve commission as second lieutenant in the quartermaster corps for five years, then dropped it.

Carl's scholastic and professional affiliations have been many and marked by devotion to constructive effort for

engineering and civic progress. At Kansas U. he was a member of Theta Tau. While with Burns & McDonnell he joined the American Society of Civil Engineers, was president of its intermountain chapter in 1930 and is secretary-treasurer in 1946.

Soon after coming to Utah he became interested in the American Association of Engineers, an all inclusive engineering, non-technical organization, devoted to promoting the ethics, standing and economic welfare of engineers, became its charter president at Salt Lake City, then served two years on the national board of directors representing the local zone followed by six years as national director at large, and in 1938, was elected national president.

His affiliation with the AAE has been marked by effective effort on behalf of legislation favorable to engineers. He also is a member of the Society of American Military Engineers.

Included in Painter's business and similar memberships are: The American Water Works Assn., the California Sewerage Works Assn., the Salt Lake chamber of commerce, and the Salt Lake Rotary club.

His civilian defense activities included the state committee for protecting public utilities, the state committee on water supply, and assistant

state water coordinator. Carl also has taken great interest in municipal league activities to help strengthen cities in connection with efficient water systems and the prevention of disease through purification—of particular importance in the west.

At Kansas U. his social fraternity was Kappa Sigma, and while there he joined the Masons, later transferred to Salt Lake City and became charter member 61 of Kaibab lodge No. 25, becoming master of the lodge in 1922. His BPOE membership started at Lawrence, Kansas, in 1915; also transferred to Elks club No. 85, Salt Lake, for which he served on the bond committee which financed the present club building.

Carl Painter met Gladys Dwight, born near Sioux City, Iowa, during the Twin Falls construction days. They were married by Dean Fleetwood in St. Mark's cathedral May 10, 1919, on Carl's second trip to Salt Lake City. Their son, Carl E. Painter, Jr., was educated in Salt Lake public schools and Westminster College. He has flown from Tunis to China and at present is in Osaka, Japan.

Carl Painter obviously has great capacity—but without doubt closest to his heart is the betterment of the professional and economic status of all engineers.

The Salt Lake Tribune

Letters to the Editors

438 Millville Avenue
Hamilton, Ohio
December 30, 1945

Dear Brother Howe:

I have lately returned to civilian status after having served four and one-half years in the U. S. Army. I am now anxious to get back to my former activities, one of which is to

resume an active participation in the affairs of Theta Tau Fraternity. I was initiated into Phi Chapter at Purdue University in the spring of 1937 and graduated with the Class of 1940 from Purdue.

I am very anxious to have the latest edition of the "GEAR of Theta Tau," and I am, therefore, enclosing the amount of \$1.00 for a

year's subscription. The above address will be my temporary mailing address until further notice.

Yours in H & T,
WILLIAM R. OTT, Phi '40

All Theta Taus initiated since 1930 paid a higher initiation fee which entitles them to a life subscription to THE GEAR. We are happy to restore your name to the mailing list and to refund your dollar. THE GEAR will come as long as we have a good address.

438 Millville Avenue
Hamilton, Ohio
April 9, 1946

Dear Brothers Howe & Mercer,

Since it has been some months' time that I last wrote to tell you of my interest in renewing contact with the National Chapter, I am writing you again at this particular time in order to further inform your office as to my present location in civilian life.

I realize, furthermore, that Theta Tau Fraternity will be seeking more than ever before to gather together many of our brothers in all parts of the nation who have been separated so widely by the expediencies of wartime. I am very anxious to keep abreast of the national activities of the Fraternity in every way possible and to attend the next National Convention if circumstances will permit me to do so.

In order that you may post my new job and home address up-to-date in the next issue of THE GEAR, I wish to supply the following information to you. I went to work for the Procter & Gamble Co. at Ivorydale, Cincinnati, Ohio on February 11, as an engineer in training for production foreman in the Ivorydale plant. Presently, I am attending a short session on P & G's "Time Bonus Plan" under the Industrial Engineering Dept. of the Company. I have not met any other Theta Tau men at this plant as yet, but I would be very glad to know if any are presently employed by the P & G Co. in Cincinnati.

My temporary address is 438 Millville Avenue, Hamilton, Ohio. As soon as I am settled permanently nearer to my work, I shall send my new address to your office in order to continue to receive each issue of THE GEAR on schedule.

In H & T,
WILLIAM R. OTT, Phi '40

Thanks for the further news of your activities, Brother Ott. We hope that many others will follow your example

and that any readers in Cincinnati will look you up.

4948 Fulton
Chicago, Illinois
April 9, 1946

Dear Brother Howe,

Just a note to let you know I'm a civilian again and to send an address.

I left Shanghai December 15, 1945, landed in Seattle December 29, and a little over a week later was about the happiest guy ever when I saw my wife for the first time in 28 months. Was discharged at Ft. MacArthur the middle of January, spent a month in sunny southern California, a month in Knoxville, Tennessee, and then on to Chicago for a two weeks engagement with the housing situation. Finally compromised by moving into a flat with a widow and two bulldogs—but we're still hoping to find something better.

April 1 saw me at work with Erik Floor and Assoc., consulting engineers, as an assistant engineer and so far the time has mostly been spent trying to get back in the swing of things again.

Hope to pay Iowa & Omicron a visit before too long.

Yours in H & T,

JAMES W. BOWMAN, Omicron '40
We will look forward to that visit, Jim. Glad that you are back in circulation again.

Capt. G. W. Lutz
BOQ, CWD
APO 751
c/o Postmaster
Seattle, Washington
January 15, 1946

Dear Brother Howe:

I'm still testing Air Forces equipment with the Proving Ground Command; however, it is at the Cold Weather Detachment, Ladd Field, Fairbanks, Alaska. Things were slow early last fall, but now we have a lot of night work on reports, and test programs. During the day we are kept on the run. In the department I'm in, another officer and myself are carrying 12 projects.

I plan to get out of the Army about August 1 unless the present slow-down in discharges develops into a full stop. I don't have a job yet, but am starting to send out applications. I'm still undecided about going back to school. The provisions of the GI Bill of Rights are very liberal and are hard to pass by. It seems to me that the best bet would be to get a job near an engineering school and attend evening classes.

Does Theta Tau still have a placement serv-

ice in Chicago and if so will you please send me the street address. Possibly they would help me find a job that my Army experience would help me fit into.

During the last year I've met several Iowa graduates and two Theta Taus. The Iowa men: Capt. Donald Spencer, ME '42, who is a pilot on the ATC run from Great Falls, Mont. to Fairbanks; Lt. Cyril Noon, ME '42, at Eglin Field, Florida, whom I met one day early last summer when he stopped at Eglin on the way to Wright with a B-24; and Lt. Bob Becker, ME '44, who is a diver with the Range Squadron at Eglin. (He recovers torpedoes and bombs from the water ranges). The Theta Taus are: Joseph Ralls an ME from Utah, and Lt. Robert Taber, CE, from Carnegie Tech.

My wife is teaching school in her home town. She specialized in speech at school and now has 50 children in speech correction courses in St. Joseph, Missouri.

I hope to be able to clear up my work here in two, maybe two and one-half months, so I can get back to the States. Then for a leave with destination, Missouri!

In H & T,

GEORGE LUTZ, Omicron '43

Glad to be briefed on your activities, George. Hope you come this way when you hit for Missouri. Brother H. H. Hopkins, Past Grand Regent, always has his finger on the pulse in Chicago.

6604 East 12th Street
Kansas City 3, Missouri
February 11, 1946

Dear Brother Howe:

I received the last issue of THE GEAR a few days ago and was very glad to get it again. You may list my permanent address as c/o Union Wire Rope Corporation, 21st and Manchester, Kansas City 3, Missouri.

Last September I completed the requirements for a Master's degree in Applied Mathematics at Washington University in St. Louis. This research was sponsored by our company and was done primarily in photoelasticity. We are building a new research laboratory in which we plan to do a lot of research on rope wire and wire rope to determine the fatigue and flexibility properties.

I hope soon to have my wife and baby here in Kansas City but housing conditions are very bad.

Yours in H & T,

RAYMOND O. KASTEN, Iota '43

Thanks for the address and the news, Brother Kasten.

216 Howe Street
Elyria, Ohio

Dear Brothers:

Please change my mailing and permanent address to the above. I have been receiving THE GEAR with fair regularity considering how much I have moved about in the past few years. Read Brother Bill Burns' letter in the fall issue with great interest.

I am back in my civilian status after four years with the Army. Served 20 months overseas as a captain in command of the 483rd Ordnance Evacuation Company, working with First U. S. Army from Omaha Beach to Aachen then later with Ninth U. S. Army for the forcing of the Rhine and the Conquest of Germany. The 483rd and its members were awarded five battle stars.

It would be trite to say I'm glad its all over but I am enjoying the reunion with my wife and two boys (the latter being greatly disappointed in their father when he couldn't honestly claim to have shot any Germans or to have been shot by them).

I am back at my pre-war position of open hearth metallurgist for National Tube Company's Lorain, Ohio plant. It's quite a job getting my feet back on the ground.

Here's hoping I get some more news from the brothers, particularly Harry Zinsner and Henry Corr.

Yours in H & T,

FRED MENG, Nu '33

Glad that you *did* disappoint the youngsters and get safely home, Brother Meng. Interesting, also, is the fact that THE GEAR reached you despite your active military life.

P.O. Box 103
Detroit 21, Michigan
December 26, 1945

Dear Brother Howe:

Enclosed you will find my check for a two year subscription to THE GEAR of Theta Tau. Maybe next year, if the above pans out and everything goes well I can change that to a life membership.

I will see what I can do to get the boys around here interested in forming an Association. We probably have quite a few in this area now as this city has really prospered.

On January 1st I am starting on my own, sink or swim, so if you hear of any worthy or even unworthy brothers who need the experience of a good engineer, I would appreciate hearing from them. I expect to specialize

in incineration, mining, metallurgy, and railroad engineering and operation. Those are the fields that I have had most experience in and feel qualified for.

Within the next few months I expect to have my own Incinerator Company started. It is a very interesting work and involves a knowledge of correct design and construction. I am looking for engineers, engineering firms' representatives, or material handling dealers in various cities to act as my representative in their locality. I could use one in your locality. If you know of some one who is a good salesman and is willing to put some time in on it, I am sure that it would pay out quite well for their efforts.

I will see if I can get some of the boys together and see if they want to start a Club here.

Yours in H & T,

LYLE P. TONNE

Good luck to you in both ventures!

12 Barney Street
Agawan, Massachusetts
January 27, 1946

Dear Brothers:

Enclosed is a notice of my change of address. This should have been attended to some time ago but things of this nature are often put off.

I will now bring you up to date as to my work. Since August of 1935 I have been with the Westinghouse Electric Corp. in Mansfield, Ohio as a tool designer. In November of last year (1945) I had the opportunity of accepting a position in the Engineering Department of the East Springfield, Massachusetts Works of Westinghouse. I am one of the engineers assigned to the development of a post-war food mixer.

I like my new work very much. As yet I haven't discovered any other Theta Taus in this area but no doubt there are many.

Yours in H & T,

LYMAN F. REUWEE, Sigma '35

Any Theta Taus in or near Agawan?

White Hall, Illinois
January 11, 1946

Dear Brothers:

It has been a long time since I've had any correspondence with Theta Tau, but I know of no finer time than the present to renew that activity, than on this my first day of life as a civilian after 4 years and 7 months with Uncle Sam's Combat Engineers. Returned from overseas the last of August after serving with the 1262nd Engineer Combat Battalion in the 1st and 3rd Armies.

So much for the Army—as I said before I'm now a civilian and am back at my old job

with the Soil Conservation Service with headquarters at White Hall, Illinois, which leads me to the point of this letter. Will you please change whatever records of mailing address you might have, eliminating any but the above. I would appreciate receiving copies of THE GEAR of the past couple of years, if such are available, and would also like to have a copy of the latest directory.

Yours in H & T,

ARTHUR W. KOWITZ, Kappa '32

The records are changed and the GEARS have gone forward, Brother Kowitz. The last directory was published in 1938 and is now obsolete. Thanks for the news.

Cincinnati, Ohio

Box 62

January 18, 1946

Dear Brothers:

It would be appreciated greatly if you would bring my address up to date so that I shall continue receiving THE GEAR. I have been doing so much moving around the last year or so—from Cincinnati to California to New York and back to Cincinnati—that it would be hard to tell you the address to which you sent the last issue.

Has an attempt ever been made to start an Alumni Association in Cincinnati? I notice that there are Associations in Columbus and Louisville, so it would be very neighborly to have another group in the Queen City. If any ground work has been done I should like to hear of it so that I can lend a helping hand.

Yours in H & T,

WILLIAM J. BURNS, Nu '33

Maybe your letter will stimulate other Theta Taus in Cincinnati to get together with you, Brother Burns. See Brother Ott's letter in this section.

April 10, 1946

Dear Brothers:

Again it is necessary to ask you to change my mailing address so that THE GEAR can keep up with me. At the present time we are engaged in a power plant design project for Mathieson Alkali Works in Saltville, Virginia. The job is rather extensive and it looks as though I shall be in the field for a number of months.

It would be appreciated, therefore, if you would address my mail as follows: William J. Burns, c/o Mathieson Alkali Works, Inc., Saltville, Virginia.

Upon my return to Cincinnati, I shall contact you again in regard to the Alumni Association.

ciation outlined in my last letter of January 18, 1946.

Thank you for your cooperation.

Yours in H & T,

WILLIAM J. BURNS, Nu '33

Time marches on!

April 14, 1946

Somewhere along the line we seemed to have lost track of each other.

I would like to have my name reinstated on your list of those to receive THE GEAR.

My new address is: P. O. Box 723, Leadville, Colorado.

At present I'm working as mill metallurgist in the Leadville Milling Unit of the American Smelting and Refining Company having been recently transferred to Leadville from the East Helena Smelter of the same company.

Yours in H & T,

ROBERT A. BLAKE, Psi '38

You have demonstrated the most approved method of getting back on the mailing list, Brother Blake.

Additions to Membership

ALPHA

- 515 Roland Richard Hoagberg, Minneapolis, Minn.
- 516 Gordon Richard Whitnah, Minneapolis, Minn.
- 517 George Elwood Lind, S. Minneapolis, Minn.
- 518 Allen Bradford Benzick, N. Minneapolis, Minn.
- 519 John Mitchell Duntley, Minneapolis, Minn.

BETA

- 574 Howard John Peter Carlsen, Gladstone, Mich.
- 575 John Joseph Cleary, Rockland, Mich.
- 576 Harry Charles Foth, Jr., Mechanicsburg, Pa.
- 577 Walter Julius Hansen, Powers, Mich.
- 578 John Frederick Kelly, Detroit, Mich.
- 579 Frederick Joseph Weber, Jr., Detroit, Mich.
- 580 Richard William Sampson, Ironwood, Mich.

GAMMA

- 614 John Human Wilson, II, Fort Worth, Texas.
- 615 Eugene Victor Simons, Sierra Madre, Calif.
- 616 Edwin Townsend Wood, Denver, Colo.
- 617 Eugene Leroy Beville, Denver, Colo.

DELTA

- 582 James Warren Krebs, Parma, Ohio
- 583 Peter Wilcox Allen, Niagara Falls, N. Y.
- 584 Casimir Paul Blicharski, Cleveland, Ohio.
- 585 James Henry Jensen, Minneapolis, Minn.
- 586 Gene Victor Leete, LaVerne, Calif.
- 587 Harry Raymond Nara, New York Mills, Minn.
- 588 Albert John Oman, Pine City, Minn.

- 589 Arthur Herbert Tousley, Cleveland, Ohio.

- 590 Louis Kruzan Acheson, Jr., Norton Canton, Ohio.

- 591 James Eugene Rice, Akron, Ohio.

- 592 Alan Kennedy, Boylston, Mass.

- 593 Earl Edward Strnad, Durango, Colo.

- 594 David Richard Bagemihl, Milwaukee, Wis.

- 595 Herman Marvin Batts, Jr., Detroit, Mich.

- 596 Newell Marion Brewer.

- 597 James Allan Conant, Lakewood, Ohio.

- 598 George Patrick Donovan, Cleveland, Ohio.

- 599 Ernest Alfred Dukleth, Whitefish, Montana.

- 600 William Robert Kanda, Cleveland, Ohio.

- 601 George John Kleinpell, Cleveland, Ohio.

- 602 Norman Leonard Meade, Long Beach, Calif.

- 603 Morley G. Melden, Cleveland, Ohio.

- 604 Harold William Merritt, Seattle, Wash.

- 605 Bernard Alfons Wiczorek, Cleveland, Ohio.

ZETA

- 481 Ed Parker Lewis, Jefferson City, Mo.

- 486 Joseph Oswald Oster, East Dubuque, Ill.

- 487 Jack Daily Farber, Kansas City, Mo.

- 488 David Pritchard Whyte, Kansas City, Mo.

- 490 Edelbert Eugene Irish, Kansas City, Mo.

THETA

- 406 Quentin Fraser Disher, Jr., Woodmere, N. Y.

- 407 Theodore William Bröckmeier, Yonkers, N. Y.

- 408 Ralph Robert Hennig, New York City.

- 409 Wilmot Norton Hess, Clinton, N. Y.

- 410 Bruno Leonard Krause, Nanticoke, Pa.

- 411 John Walter Ott, New York City.
 412 Edward Patrick Reid, Ridgewood, Long Island, N. Y.

LAMBDA

- 538 Stanley Jay Baker, Salt Lake City, Utah.
 539 Harding Mark Russell, Salt Lake City, Utah.
 540 Jay Golden Haight, Salt Lake City, Utah.
 541 LaMar Smith, Richmond, Utah.
 542 Reed Gordon Bills, Logan, Utah.
 543 John Gutsaf Carlson, Chicago, Ill.
 544 Halbert Frank Garbe, Manti, Utah.
 545 John Nick Maragakis, Hiawatha, Utah.
 546 Marshall Hayes Bell, Stockton, Calif.
 547 Jack Neldon Birk, American Fork, Utah.

NU

- 426 Samuel Louis Collier, McKees Rocks, Pa.
 427 Robert Marion Kerr, Jr., Finleyville, Pa.
 428 William James Perry, Butler, Pa.
 429 Burton Donald Quint, Pittsburgh, Pa.
 430 Harry Robert Sharbaugh, Pittsburgh, Pa.
 431 Alex Sherman, Warren, Ohio.

OMICRON

Correction from Fall '45 Issue

- 291 John Patrick Ryan

PI

- 342 *Garland Hanes Spicer, Jr., Charlottesville, Va.
 354 James Valentine Anderson, Jr., Lynchburg, Va.
 355 William Alexander Barr, Proffit, Va.
 356 Donald Ralph Basham, Charleston, W. Va.
 357 Charles William Hartman, University, Va.
 358 Randolph Huson Lewis, Norfolk, Va.
 359 Evan Morgan Massey, Richmond, Va.
 360 Neal Osgood Wade, Jr., Charlottesville, Va.

RHO

- 347 Herbert Shields Glenn, Jr., Charlotte, N. C.
 348 Edward Joseph Terrence Mahoney, Brooklyn, N. Y.
 349 James Everet Attkins, Summerfield, N. C.
 350 Ira Lander Helms, Jr., Portsmouth, Va.
 351 James Edward Deas, Jr., Canton, N. D.
 352 Grey Ellis Stone, Mt. Gilead, N. C.
 353 Carl Hampton Walker, Jr., Bailey, N. C.

UPSILON

- 244 Paul R. Jasper, Eureka Springs, Ark.
 245 Hodge Jackson Vineyard, Hope, Ark.

PHI

- 210 John Thomas Keefe, Chicago, Ill.

- 211 George Reynold French, Whiting, Ind.
 212 Clarence Lloyd Growein, Macomb, Ill.
 213 Blacque Wilson Thorman, Ft. Worth, Texas.
 214 Joseph Raymond Paunicka, Whiting, Ind.
 215 Frank Cerda Casillas, Lafayette, Ind.
 216 Donald Alphens Fausset, Lebanon, Ind.
 217 Pete Breaz, E. Chicago, Ind.
 218 Robert F. Meyer, Ft. Wayne, Ind.

CHI

- 272 *Field Curry, St. Paul, Minn.
 273 *Edwin B. King, Barstow, Calif.
 274 *Maurice L. Malick, Stevens Point, Wis.
 275 *James Russell McGibbeny, Pasadena, Calif.
 276 *Peter McIntosh Mosier, Royal Oak, Mich.
 277 *Philip Blaine Newlin, Phoenix, Ariz.
 278 John Williams Anthony, Waltham, Mass.
 279 Alvin Friedsam, Chicago, Ill.
 280 Harold Eugene Gerdin, Tucson, Ariz.
 281 Daniel Rea Howe, Santa Barbara, Calif.
 282 Harold Monroe Knutson, Jr., Stewart, Nev.
 283 Robert George Masching, Tucson, Ariz.
 284 Charles Forbes Stanley, San Luis Obispo, Calif.

PSI

- 218 Charles Joseph Lindstrom, Stratford, Conn.
 219 Robert LaMar Bowcutt, Great Falls, Mont.
 220 William Murray Hand, Dillon, Mont.
 221 Stanley Olson, Glendive, Mont.
 222 Alfred Burton Newman, Hamilton, Mont.

GAMMA BETA

- 131 *Edgar Berdahl
 132 *Dirk S. Brady
 133 *George A. Cunney, Jr.
 134 *James R. Norton
 145 Haaren Albert Miklofsky
 146 Barrett G. Kreisberg
 147 Alfred Lobe Albert
 148 Earl Wallis Pritchett
 149 Felix Dietzmann Geissler
 150 Stuart Campbell Beatson
 151 Rudolph Gareau
 152 Arnold Mayo Kronstadt
 153 Girard Rewel Jetton
 154 Theodore Warren Nelson, Washington, D. C.
 155 Bernard Bernstein, Brooklyn, N. Y.
 156 John Emil Doane, Dodge City, Kan.
 157 Donald David Blanchard, Washington 20, D. C.
 158 John McAllister Lane, Washington 15, D. C.

*Not available for last issue.

- 159 Daniel Arthur McBride, Washington, D. C.
 160 Richard Earl Shaw, Mansfield, Pa.

DELTA BETA

- 134 Earl Clayton Dye, Jr., Wellsburg, W. Va.
 135 Milton F. Harbsmeier, Louisville, Ky.
 136 Charles D. Hoertz, Jr., Louisville, Ky.
 137 Earl Lee Hohman, Louisville, Ky.
 138 John Forbes King, New Rochelle, N. Y.
 139 Harold Nieders, Quincy, Ill.
 140 Stuart M. Schulman, Louisville, Ky.
 141 Donald Edward Smith, Smithtown, N. Y.
 142 Robert Lee Smith, Jr., McComb, Miss.
 143 Elmer C. Susemichael, Louisville, Ky.

- 144 Howard Lee Watson, Louisville, Ky.
 145 James Edward Wright, Louisville, Ky.
 146 Ralph Leslie Thomas, Tampa, Fla.
 147 Milton Joseph Rowles, Baltimore, Md.
 148 Rogers Comer Hunt, Louisville, Ky.
 149 Robert Dale Stackhouse, Glen Lyon, Pa.
 150 Wilton Allen Woodburn, Jr., Pittsburgh, Pa.
 151 Jerome Lee Hoggman, Louisville, Ky.
 152 Max Kent Lynn Clark, Garrett, Ind.
 153 Robert Gregory Siefker, Cincinnati, Ohio.
 154 Martin H. Shaughnessy, Louisville, Ky.
 155 Ralph Mathias Wagner, Holgate, Ohio.

In Memoriam

George Weiland, Jr., Sigma '34, Capt. U.S.A., was killed in action when the Japanese prison ship in which he was being transported was sunk on October 24, 1944. He served at Fort Stotsenberg in the Philippines until he was taken prisoner after the Bataan surrender. He received his high school training in Irvington, New Jersey, and was elected to Phi Eta Sigma, freshman scholastic honor society, at Ohio State. He was the son of George Weiland Sr., 125 Elmwood, Ave., Irvington, New Jersey.

Garrett J. Kane, Sigma '26, died in Columbus, Ohio, on August 23, 1943. At the time of his death Brother Kane was employed as engineer for the Federal Works Agency in Columbus, Ohio.

Stanley Hughson Zimmerman, Beta '15, age 55, died in Battle Creek, Michigan on November 27, 1945. He graduated from Michigan Tech as a mining engineer in 1915 receiving the degree of Engineer of Mining, and the B.S. degree in 1919. In 1916 he went to South America as mine foreman of the San Francisco Mine, Morococha, Peru. From 1917 to 1918 he was in the Army as First Lieutenant of the 107th Engineers A.E.F. and was wounded by a high explosive shell on October 19, 1918, in the Bois de Cheppy, Argonne. After leaving the hospital he went to Murfreesboro, Arkansas, as superintendent for the Arkansas Diamond Corporation. In 1928 he left for Pomona, California, and in 1931 became the General Superintendent of the Diamond Crystal Salt Co., in St. Clair, Michigan. He was then made Plant Manager of the Post Products Division of the General Foods Corp. in Battle Creek and held that position at the time of his death. He would have been 56

years old on December 13, 1945. He was appointed a member of the Board of Control of the Michigan College of Mines & Technology in 1939. President Dillman of the College said of him "The College has lost immeasurably. His farsightedness, his prudent counsel, his great energy, have contributed in a large measure to the advancement of this institution. Industry and society have also sustained a heavy loss. He was an outstanding engineer and public spirited citizen." He is survived by his wife, a son and a daughter. Funeral services were held in the Battle Creek Congregational Church.

James Mackay Burnham, III, Rho '41, Major U. S. Air Corps, was killed on Leyte in the Philippine Islands on September 6, 1945. He was an A-20 pilot and had completed 60 missions with the South Pacific Fifth Air Force. At the time of his death he was serving as operations and executive officer of the 309th Bomber Wing and had been awarded the Air Medal with two Oak Leaf clusters and five battle stars. He entered service in July, 1941 with a reserve commission as Second Lieutenant in the infantry and had completed four years ROTC work in college. He was transferred to the airforce in June, 1942 and had his pilot's training at Bennettsville, South Carolina and Augusta, Georgia, receiving his wings at Napier Field, Alabama. Surviving are his parents, Mr. and Mrs. James Burnham, Jr., of Charlotte, North Carolina, his grandfather and a sister, Mrs. Hollis E. Puckett of Dayton, Ohio.

Lynn Barnes Riddle, Delta '12, aged 56, died suddenly of a heart attack on February 22, 1946, in Tulsa, Oklahoma. He attended Marietta College and then transferred to Case

where he graduated as a mining engineer in 1912. He opened the Ohio Cities Gas Co.'s first scouting office in Tulsa, Oklahoma. From 1920 to 1923 he was assistant manager of production for the company in Columbus, Ohio, after being several years as a scout and an oil well contractor in Casper, Wyoming and with the Marietta Oil Co. in Nowata, Oklahoma. He remained with the Columbus office after it became the Pure Oil Co. Eventually he became Vice President of the Shaffer Oil & Refining Co. in Tulsa, and of the Deep Rock Oil Co. until 1933. Thereafter he was with other oil companies until his death. His wife, Helen, living at 2810 South Utica, in Tulsa, Oklahoma, survives. He was also a member of Tau Beta Pi.

Andrew McDonald Hazzard, Epsilon '17, age 34, died very suddenly while taking a walk Sunday morning March 3, 1946. He was born in San Benito, California, on May 2, 1892, the son of Mr. and Mrs. Fred A. Hazzard, member of a pioneer California family. Both of his parents attended the University of California, in the '80s. Andrew did his preparatory work in Whittier, Calif. and graduated with a B.S. from the College of Mining in 1917. He worked for a time as a mining engineer in Mexico before joining the Field Artillery in World War I and then returned to engineering work in the west. He joined the staff of the Shell Oil Co. in 1923 at Long Beach, Calif. He occupied a key post in Shell's vital war production of crude oil as Division Superintendent in Ventura, Calif. At the time of his death he was in the main office of the company in Los Angeles and had been in failing health for several years. He was the brother of John C. Hazzard, Epsilon '28, and Roy T. Hazzard, Epsilon '16. His widow, Beulah Lacey Hazzard and his daughter Mary Jean, living at the family home, 1118 Stoneman Ave., Alhambra, California, survive him.

Robert L. Marston, Iota '20, assistant general superintendent of production for the Sun Oil Co., died in Dallas, Texas, on December 8, 1945. He graduated in 1920 and had been a prominent figure in oil fields of the mid-continent section for a number of years. He joined the staff of the Sun Oil Co. shortly after World War I and was in charge of their work in Venezuela for some ten years. He served as an Ensign in the Navy during the first World War and was initiated by Iota on November 22, 1919. His widow and family reside at 3717 Caruth Blvd., Dallas, Texas.

Harold Ralph Stewart, Chi '41, Lt. U. S. Marine Air Corps, who has been reported

missing in action since February, 1943 in the Solomon Islands, has been officially declared deceased as on that date. He was shot down near Guadalcanal and his commanding officer wrote his parents that they had seen the crash and saw his raft leave the plane. It took place near some small islands and it was hoped that he was not too badly hurt or taken prisoner. All hope for his survival has now been abandoned. He graduated from the University of Arizona as a mining engineer in 1941. In August, 1942 he was commissioned in the Marine Corps Reserve and at that time was married to Miss Dorothy Teachenor of Kansas City, also a graduate of Arizona. His parents reside at 2104 E. Seventh St., Tucson, Arizona.

Kenward Vincent Killian, Delta '42, Lt. (jg) USNR, previously reported missing in action has now been declared killed in action by the Navy Department as of October 14, 1944. Killian's plane in a flight of 11 planes from Fighting Squadron Seven, took off from the carrier Hancock on a bomber escort mission over Taien Airfield, Formosa. His plane was seen diving for the field and was presumed to have been hit by heavy anti-aircraft fire that was encountered here. He left for overseas duty on September 1, 1944. An honor student of his class he was a member of the Student Senate and of Tau Beta Pi. Memorial services were held in his honor at the High Street Church of Christ, Akron, on Sunday, January 26, 1946. He leaves two brothers and his parents Mr. and Mrs. E. S. Killian, R.F.D. #7, Akron, Ohio.

Cecil Ray Wroten, Upsilon '30, was killed on January 1, 1946, when his private plane crashed near the Blytheville, Arkansas, Municipal Airport. He was active in aviation and was chairman of the committee that operates the airport. Cecil graduated in 1930 as an electrical engineer and was the owner of the Langston-Wroten Motor Co. of Blytheville. The Junior Chamber of Commerce of Blytheville posthumously awarded him the Distinguished Service Award Key as the "outstanding young man of Blytheville during the year 1945."

Laverne Gibbons Nelson, Omega '44, Lt. U. S. Army, died in Walter Reed Hospital in Washington, D. C., on December 4, 1945, as a result of injuries received in a street car accident two days before. Among his friends he was affectionately known as "Tom." He was born in Ralph, South Dakota, and was only a little over 23 years of age at the time of his death. He was initiated by Omega on September 11, 1943, and graduated in 1944

with a B.S. in Geology. He entered the army immediately and after a few months was sent to OCS and received his commission. He was about to go overseas when killed. The details of the accident are meager but it is known that he went to Washington to look up some of the alumni there and his parents are anxious to hear from any members who may have seen him. The body was shipped to Rapid City and services were held in the Congregational Church on December 8, 1945, with burial in Mountain View Cemetery. His brother Miles, now stationed at Oak Ridge, Tenn., and his parents, Mr. and Mrs. Maurice Nelson, 29 East Kansas City St., Rapid City, S.D., survive.

Lincoln Ehnborn, Gamma '17, aged 61, died at Inyokern, California, on December 3, 1945. He was born in New York City on June 22, 1884, the son of Emil and Fredrique (Sundberg) Ehnborn and received his technical education at the Colorado School of Mines which he attended from 1903 to 1905 and again from 1915 to 1917 when he received the degree of Engineer of Mines. During the period between 1905 and 1915 he worked at various mines near Silverton, Colorado, for the Inde Gold Mining Co. in Durango, Mexico, where he was mine superintendent, and for the Federal Lead Co. in Missouri. He then decided to complete his education and returned to college. In June 1920 he was married in Ouray, Colorado, to Olive McLaughlin, and at that time was mine superintendent at the Mary Murphy Mine at Romley, Colorado. In 1921 he went to Cinco Mines in Jalisco, Mexico and from 1926 to 1939 was general manager and vice president of the Piermont Silver Mines at Aurum, Nevada. He then returned to Colorado and after a period of employment at the Argo mines, he joined the staff of the Manganes Ore Co. at Henderson, Nevada. When that operation was closed in 1943, he transferred to the Research Laboratory of the U. S. Naval Air Station at Inyokern, Calif. His wife and daughter Mary survive him. He was a member of Tau Beta Pi and the A.I.M.E.

Hobart Oakes Davidson, Eta '20, died on September 22, 1945. He was born in Herkimer, New York, November 28, 1891. After graduating from High School he attended Colgate university and graduated there in 1913. He then entered M.I.T. and graduated in 1920 with the degree of S.B. in Mechanical Engineering, after having been a teacher of mathematics at the Cheshire School from 1913 to 1917. He was married in St. Louis, Missouri, on November 20, 1920, to Miss Amy Augusta Moulton. From 1920 to 1921 he

was research engineer for the American Refrigerator Co. and then joined the staff of the American Viscose Co. of Wilmington, Delaware. At the time of his death he was chief engineer of the company. His wife and two children, Amy Jane and Hobart William, survive him. He was a member of Phi Beta Kappa and A.S.M.E.

Gilbert Porter Gammill, Jr. Upsilon '41, Captain, Co. K, 8th Infantry, 4th Division, was killed in action in Germany on April 1, 1945. He was born in Deemer, Mississippi on January 28, 1920, the son of Mr. and Mrs. G. P. Gammill now living at 703 West Faulkner, El Dorado, Arkansas. He entered the service in July, 1941 and went overseas in March, 1944 where he participated in battles in France and Germany. His company was spearheading an attack near Heidingsfeld south of Wurzburg, Germany and after the objective had been taken he stepped behind a tank to study a map when a sniper shot him in the back of the head killing him instantly. He was married to Miss Mary Miller, daughter of Judge and Mrs. John E. Miller of Ft. Smith, Arkansas, and had a son John Porter Gammill III, born August 28, 1943. His parents and his widow and son survive. He was awarded the Silver Star and Bronze Star.

Murray Jay Thorn, Upsilon '42, Col., U. S. Airforce was killed in action in India on January 28, 1945. He was born in Truman, Arkansas, on January 23, 1918, the son of Mr. and Mrs. Jesse A. Thorn now living at 711 Court Street, Muskogee, Oklahoma. He enlisted in June, 1942 and after training was sent to the 10th Air Corps. While on a mission in a bomber, he was killed when the damaged bomber crashed. He had served in the China-India and Burma campaigns for which he received the Presidential Citation and a Valor Award of Merit from General Arnold. His parents and his widow, Lorraine W. Thorn of Safford, Arizona, survive.

Wesley Richard Carlton, Epsilon '42, 1st Lt. U. S. Air Corps, was killed in action over Ruhland, Germany, on September 11, 1944. He was a pilot of a B-17 attached to the 8th Air Force in England. On the last flight the plane was damaged, caught fire, and exploded as the result of an attack by enemy aircraft while over the target area. While reported missing after that raid the War Department reported no trace has been found of survivors. Brother Carlton was a native of Dunsuir, California, and was born there on May 9, 1921. He graduated as a mining engineer from the University of California in 1942 and was Regent of Epsilon chapter in his senior year.

He joined the airforce immediately after graduation. Much of his training was received at MacDill Field, near Tampa, Florida. He was the son of Mr. and Mrs. E. W. Carlton, 937 Shasta Ave., Dunsmuir, California.

John Milroy McAnerney, Iota '41, Lt. U. S. A. Engineer Corps, lost his life when the Japanese prison ship on which he was being transported was sunk on December 15, 1945. He graduated from the Missouri School of Mines in 1941 and went at once into military service and after finishing his preliminary training at Ft. Belvoir was sent to the Philippine Islands and arrived just before the Japs attacked. He was attached to an engineering unit in Ft. Santiago and was taken prisoner when it fell. He was then sent to the infamous prison camp of Cabanatuan and was being transferred to Japan when the ship was sunk by our aviators resulting in almost a complete loss of life of the weakened and sick American prisoners. On the campus he was active in student affairs and a member of the Student Council. His mother, Mrs. P. B. McAnerney, living at 720 North 25th St., St. Joseph, Missouri, survives.

Thomas Bayley Stevens, Gamma '43, Lt. U.S.M.C.R., was killed in action on Pelieleu in the Pacific on October 4, 1944. He was born in Denver on August 22, 1923 and graduated from the East High School in June, 1941. In September of that year he enrolled at the Colorado School of Mines and took advanced training there. In June 1942, he enlisted in the R.O.T.C. Engineers Reserve Program and in May 1943, was sent to Camp Abbott in Oregon for training. In September 1943, he returned to Golden as a squadron leader of Student Army Trainees and in December was sent to Ft. Belvoir. In January he was selected by Marine Headquarters for special training at Camp LeJeune, N. Carolina

and commissioned a 2nd Lieutenant. In June 1944, he was assigned to the Pacific Area as lieutenant of the Marine Combat Engineers and granted three weeks leave at home. He was married in Denver on June 17, 1944 to Miss Eileen Janice Barton and left on July 1, 1944 for San Francisco. After being assigned to the Pioneer Battalion of the First Division of Marines, he was stationed for a time at Pearl Harbor, Tarawa and Guadalcanal and participated in the landing operations on Pelieleu. After surviving almost three weeks of continuous attacks he was killed by enemy action. He was awarded the Purple Heart and Campaign Medal. His widow and his parents, Mr. and Mrs. Wilmot E. Stevens, 1256 Lafayette street, Denver, Colorado, survive him.

Richard Hilton Schaum, Iota, '43, Lieutenant, U.S.A., was killed in an air crash at Santa Barbara, California, in the fall of 1943. He was a second lieutenant at the time. At college he took the Civil Pilot training primary course in the spring of 1942. His home was at 67 Payne Avenue, North Tonawanda, New York.

Clyde Arthur Remington, Beta '18, died at Tahawus, New York, on April 1, 1946, aged 51 years. He came to the Michigan College of Mines from Flint, Michigan, and graduated as a mining engineer in 1918, following which he joined the army immediately. He was employed in the research department of the Anaconda Copper Mining Co. in Anaconda, Montana for several years and then left for the southwest and was in charge of milling operations in Mogollon for some time. More recently he was on the staff of the United States Bureau of Mines in Salt Lake City and at the time of his death he was Mill Superintendent of the plant at the MacIntyre Development titanium operations of the National Lead Co.

Fleet Post Office Will Be Closed

The twelfth naval district announced that the fleet post office in San Francisco, largest of its kind in the world, would be closed within 30 days and delivery of mail to naval personnel in Pacific areas returned to the U. S. postal service.

The fleet post office staff of 5500 sailors and WAVES handled more than a billion pieces of mail in 1945, the peak year.

From a San Francisco Newspaper

The GEAR *of* THE TA TAU

OFFICIAL PUBLICATION OF THE FRATERNITY

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

210 ENGINEERING HALL

IOWA CITY, IOWA

Subscription \$1.00 a Year

Life Subscription \$15.00

VOLUME XXXV

SPRING, 1946

NUMBER 2

EXECUTIVE COUNCIL HAS ITS EYE ON THE BALL

Theta Tau has always been fortunate in the caliber of men serving as its National officers. The feat of keeping the fraternity intact during the war is indicative of the interest these men have in the organization, but perhaps the recent meeting in Cincinnati is a good example of the alert attitude so typical of this group.

Over the Easter weekend Grand Regent Glass, Grand Vice-Regent Nusser, Grand Treasurer Vawter, Grand Marshal Curtis, Grand Outer Guard Hinckley, and Past Grand Regents Hopkins and Daniels met in Cincinnati to take stock of the situation and lay plans for the future. The meeting was apparently no pleasure jaunt for the following list of actions resulted:

1. The publication of a chapter officers' manual was authorized.
2. It was decided to revise and reprint the existing pledge manual.
3. A three-day National Convention will be held after Christmas this year. For the first time, all chapter advisers will be invited to the Convention as guests of the fraternity.
4. In regard to expansion, it was decided that the Grand Regent would handle correspondence with all student, alumni, or faculty members who are on campuses where no chapter exists. All members who find

themselves so situated are asked to get in touch with Brother Glass.

5. It was planned to name Theta Tau's "Man of the Year", the procedure for selection to be developed in the near future.
6. It was felt desirable to establish a graduate scholarship for outstanding Theta Taus.
7. Because of the distractions of war time it was decided to have the next Erich Schrader award based upon the 1941-42 school year.

Truly, our Executive Council is to be congratulated upon its initiative and vigor. This strong leadership should be matched by equally aggressive action by the newly revitalized chapters.

J. W. H.

VETERANS

Reports from all colleges across the Nation point to a great interest in higher education on the part of returning veterans. Not only are they crowding housing and classroom facilities at virtually every school, but also they are digging in for serious study. Apparently very few have returned to college for just a good time. Most of them are keenly aware that they have sacrificed two to three years from their normal life span and so are anxious to waste no more time, but rather to get busy at the job of building a career.

This war called for the same tough qualities of physical stamina, courage,

discipline, and dead eye shooting that previous wars have demanded of their fighters. In addition, though, this one called for so many specialists in physics, chemistry, thermodynamics and electronics, to mention only some of the phases of our profession, that nearly every one in the services caught at least a glimpse of the need for further education. Spurred on by this knowledge and aid by the financial assistance now provided by our Government, more men than ever before are turning to the colleges and universities to satisfy their demand for education. Here they are demonstrating, as other returned service men are in factories, shops, and offices, that they have acquired something of real value from their experiences, a quiet

determination and a will to work efficiently and industriously on the job at hand.

The active chapters of Theta Tau, as of every other college fraternity, are now filling their ranks largely with men of this character. Because they are more mature and more serious minded than the usual pre-war student, we think they will especially appreciate a professional fraternity and in particular Theta Tau. In turn, our organization will be greatly strengthened and enriched by the influence of these straight-thinking, hard-hitting men who have been tried in History's greatest crucible and found to be the best the world has to offer.

P. L. M.

No clergymen being present at a recent luncheon, the host singled out a pious, solemn looking man in a black coat and tie, with a religious appearance, and asked him to pronounce a blessing. The gentleman after being addressed put his hand to his ear and craned forward intently. "I can tell you're talking to me, sir," he said loudly, "but I'm so damn deaf I can't tell what in hell you're saying."

Sailor: "Waiter, bring me some tomato juice for a pickup."

Waiter: "Yes, sir, and what will you have for yourself."

There once was a fellow unique
Who imagined himself quite a shique
But the gals didn't fall
For his line at all
'Cause he only made twenty a wique.

My Anna lies over the ocean,
My Anna lies over the sea,
My Anna lies over the ocean,
Oh bring back my Anatomy.

Lawyer: "Then you say this man was drunk?"

Witness: "I do not. I simply said he sat in his car for three hours in front of an excavation waiting for the light to turn green."

"What caused the explosion at your house?"

"Powder on my coat sleeve."

"What is ethics?" "Well, I will show you. Suppose a lady comes into the store, buys a lot of goods and pays me ten dollars too much when she goes out. Then ethics comes in. Should I or should I not tell my partner."

Letters from the Chapters

Alpha Small but Potent



After a very successful year in 1944-45, Alpha chapter started a slow decline in membership in the summer of 1945 which became accelerated during the fall of 1945 and the winter term just completed. We were the unfortunate victims of the general exodus from the campus of the Navy V-12 students who had been our chief support during the lean civilian days. Veterans had not returned to the campus in sufficient numbers to provide a plentiful source of pledges. The time between the passing of the one group and the return of the civilian veteran has been reflected in our numbers. In October we lost the following navy men: Thomas Conroy, Richard Evans, Lewis Farr, Waldo Gullickson, Robert Heule, William Ruane, and Robert Touhey.

Herman Peters, one of our few civilians and a past regent, graduated in December. In February more navy men left our group: Wallace Bartoo, Chester Dekko (retiring regent), James Frakes, Jr., Willis Lutz, Edward Mansfield, Theodore Moravec, Stanley Perkins, Armin Richter, James Sullivan, and Walter Thomas.

Two men were initiated in December to partly offset the effect of these heavy withdrawals: Roland Hoagberg and Gordon Whitnah. In February we added Allen Benzick, John Duntley, and George Lind. We believe the low point has been reached and from now on expect to climb. We have two pledges who will be initiated early in the spring term. The chapter will begin the spring term with seven carry-over actives and three former actives returning from military service. They are Win Bergsman, Richard DeLeo, and Richard Mick.

At an election held February 11 the following officers were selected: Regent, Roland Hoagberg; Vice-Regent, Remus Bretoi; Scribe, Frank Peters; Treasurer and Adviser, Frederick Teske, and Assistant Treasurer, Gordon Whitnah. Another election will be necessary in June when Bretoi and Peters leave.

Our social activities have been very limited. On February 16 a party was held at the home of adviser Frederick Teske in honor of the graduating seniors. Two smokers have been held, one in November and one in January. We are planning a rushing smoker for April 8.

Our smoker in November was conducted as a professional meeting with Professor Miles Kersten of Civil Engineering the speaker. Mr. Kersten discussed informally some of his ex-



ALPHA CHAPTER OF THETA TAU—JAN. 1946

Back row: Bartoo, Lutz, Lind, Frank Peters, Benzick, Perkins

Middle row: Moravec, Frakes, Hoagberg, Bretoi, Mansfield, Whitnah

Front row: Richter, Sullivan, Teske (adviser), Dekko, Dr. Parker (honorary), Thomas
(All names from left to right)

periences in connection with special research under the Government Bureau of Public Roads on bituminous surfacing for airports and soil moisture changes. The work was primarily for the army and Mr. Kersten was granted special leave to conduct the program.

Since the previous news letter our basketball team again made an effort to add a cup to our mantle but once again bowed to their old nemesis, Phi Rho Sigma, who eventually went on to win the title. Except for the crucial game, our team had waded through the opposition with lop-sided scores. Our activity in sports this spring will be very limited. We can hardly expect to get a team together for the all-U fraternity track meet, let alone equal last year's splendid showing of second place behind Phi Rho Sigma.

A long felt need for honorary members who can contribute more to the support of the chapter's activities and pledging has finally culminated in an invitation to three men to become honorary members. Two of them have already accepted, the third has not yet done so. We expect to contact all chapters and alumni on these selections in the near future, according to constitutional requirements, and conduct the initiation next Founders' day.

Alpha chapter takes considerable pride this year in announcing to its alumni and the fraternity at large that according to recent information released by the Dean of Students the chapter was first among the engineering fraternities (professionals) with a scholastic

average of 1.740. Only three other fraternities or organizations exceeded that average, sororities excepted, and they were all medical professionals. For this achievement we are indebted primarily to the following men: Remus Bretois, Theodore Moravec, Willis Lutz, and Chester Dekko, all recently admitted to Tau Omega; Wallace Bartoo, Lloyd Duschla, and Robert Rosene of Tau Beta Pi; Richard Evans and Louis Huset of Chi Epsilon; William Kuane of Eta Kappa Nu; Lewis Farr, who graduated "with honors," and Donald Wilfahrt, Willard Westphal, Robert Heule, and Kenneth Granquist.

We wish to acknowledge the activities and the kindness of the Mothers' and Wives' Club of Alpha chapter. The interest and kindly attention given to us by this organization has been sincerely appreciated. The president this past year has been Mrs. Henry C. T. Eggers; Vice President, Mrs. V. C. DeLeo; Secretary, Mrs. W. H. Johnson; and Treasurer, Mrs. M. F. Gregg.

Alpha chapter has within its membership two men who through their connection with the Technologist and the Tech. Commission will make the chapter's influence felt on the campus. We sincerely hope that their efforts and those of the other actives will result in an increase in numbers and an improvement in prestige to such an extent that by next Founders' Day the Founders may be truly proud of those who carry on their aspirations.

Yours in H & T,

ROLAND HOAGBERG, Regent

Beta at Pre-War Strength



Beta Chapter of Theta Tau is rapidly approaching full strength on the Michigan Tech Campus. With the return of many servicemen and numerous former members of Theta Tau, Beta will soon be completely back on its

feet. By the beginning of the Spring term the Chapter will have thirty active members and ten pledges.

With this many men on the campus it will be possible for us to reopen our dining room; this will help immeasurably in maintaining and boosting our fraternal spirit and activity. We are currently devoting a good deal of time to procuring a housemother to succeed our beloved "Mom" Harrington, who is unable to resume her old job.

Bolstered by new initiates H. Carlsen, J. J. Cleary, W. C. Foth, W. J. Hensen, J. F. Kelly, F. J. Weber, and R. W. Sampson, our bowling,

basketball, and hockey teams swept their respective intramural series to put us far in the lead in a hot intramural race. Our arch-rivals, the Kappa Delta Psi, once more back in considerable force, scored an upset in one of our early hockey games, but we retaliated to defeat them in two succeeding games. Our casualties included a broken finger for one of our star defensemen, "Scrappy" Walz, several bad face cuts, innumerable bumps and bruises, and a beautiful shinier for R. Sampson.

Resuming our custom of pledging heavily in the Spring term, as men become eligible under Interfraternity rulings, we recently pledged ten more men and are considering pledging several more.

Old members back for the Winter term are: Brothers G. Walz, J. Ruhl, R. Grund, and A. P. Siewert. Members returning from the Armed Forces and essential civilian work for the Spring term are: Brothers R. Coffey, A. Hoffman, B. O'Neill, R. Willard, T.

Clements, P. Scott, W. Edwards, G. Couillard, G. McKereghan, K. Marsh, and R. Eddy. All of these men have been back to visit us and to get their courses lined up for the coming term.

The Chapter maintained Open-House throughout the 1946 Winter Carnival, and several alumni were back to participate. R. Thomson, D. Wood, and wife, and C. Campbell, as well as most of those mentioned above, were here for the Open-House.

Brother Siewert has been elected Regent to succeed Brother Atkins, who has transferred to Purdue and is reported to have been elected Regent at Phi Chapter. Other officers are: Vice-Regent, W. Parker, Scribe, J. Goudzwaard, and Treasurer, F. Lichtenstein.

The Chapter continues to be well represented in other campus activities. Brothers Goudzwaard and Fritz finished out a creditable basketball season, and Brother Ruhl played his usual good brand of Varsity Hockey.

Brother Bleimeister holds down the Presidency of the ASCE, and is Business Manager of the *Keuvenanewen* (yearbook). Brother Siewert is President of ASM and a member of Alpha Sigma Mu, as are Brothers Goudzwaard and Fritz.

Brothers Burger, Lichtenstein, and Parker are grinding out a bi-weekly "Lode" and dreaming of the day they can put out one-a-week. Brothers Lichtenstein, Van de Weghe, and Burger, as members of Blue Key, aided materially in achieving a successful Winter Carnival.

One cloud over us is the recurrence of Brother H. Willson's lung ailment, which necessitated his temporary withdrawal from school at the beginning of the Winter term. He is now undergoing treatment at the Veterans' Hospital at Dearborn and at the University Hospital at Ann Arbor, and we expect to have him with us again before long.

Once more we plead for word from Beta Alumni. Our Chapter correspondence files are quite incomplete and it is difficult to contact our members. As an inducement, it might be mentioned that the Chapter plans to publish the *Rhombobedron* in the near future and unless we obtain several mailing addresses the project will not be undertaken.

In closing we send our heartiest greetings to all H & T's and express our confidence in the continued success of Theta Tau.

In H & T

JACK GOUDZWAARD, Scribe
DAVE BURGER

Delta Pledges are Versatile



Delta chapter of Theta Tau, Case School of Applied Science again reports a vigorous group of 25 active members. Although the turnover in active members has been great due to the numerous graduations under the accelerated program, other men interested in Theta Tau have become available for election to the chapter to keep us abreast of all active campus groups.

On February 22 fourteen men were initiated into Delta chapter. These men were G. P. Donovan, G. J. Kleinpell, N. M. Breiser, W. R. Kanda, M. G. Melden, B. A. Wiczorek, D. R. Bagemihl, H. M. Batts, J. J. Conant, E. A. Dupleth, A. Kennedy, N. L. Meade, H. W. Merritt, and E. E. Strnad. Seven of these fourteen men are Navy V-12 trainees; the balance are civilians including several veterans. The initiation dinner was prepared by the pledges under the direction of one of the better cooks, an active. The dinner was a masterpiece of culinary art, much to the relief of all concerned, and giving ample proof

that a good engineer can do anything in a case of dire necessity.

The business matters of the chapter have been handled efficiently and effectively by Regent, Bill LaBaugh; Vice-Regent, Herb Hardrath; Scribe, C. P. Blicharski; Treasurer, Jack Oman; and Corresponding Secretary, Dave Barrett; and under the direction of Prof. L. J. Reardon faculty adviser.

December graduates from Delta chapter included P. H. Martin, K. D. Melhope, R. V. Spurney, C. B. Schmaltz, M. J. Toth, K. Spires, D. Hershberger, P. Allen, and R. Kasunic.

At the graduation dinner for the February graduates, the Theta Tau award which is made to the most promising graduating senior engineer was presented to W. E. Kreger, an active member of Delta chapter, by Regent Bill LaBaugh. The following actives were graduated from the Case chapter of Theta Tau in February: T. McGann, S. Weissberg, W. Kreger, R. Kreger, D. Barrett, J. Rebman, W. E. Williams, C. Blicharski, L. Acheson, A. Kennedy, and E. Strnad.

On February 9 Theta Tau sponsored an all-college dance "Heartzapoppin" after the

Case-Wesleyan basketball game. The dance was a huge success socially and a success financially for the fraternity. The gym was decorated for the occasion by the pledge class under the direction of Herb Hardrath, pledge adviser. The music was furnished by recordings played over a public address system.

Delta chapter men in other activities include Bill Kanda and Norm Meade, mainstays of the basketball team; Herb Hardrath, president of the Case Senate; Stanley Morash, president of the senior class; Morely Melden, editor of the Case Tech.; Jim Conant, intramural manager; Harry Nara, president of

Tau Beta Pi; and Bill Merritt, president of A.S.C.E. New elections to Tau Beta Pi included the following men: C. Blicharski, N. Brewer, E. Dukleth, W. LaBaugh, M. Melden, A. Oman, E. Strnad, and A. H. Tousey.

Delta chapter extends a sincere invitation to all alumni of Theta Tau in the Cleveland area to contact either the chapter or the alumni association. Best wishes and the heartiest of greetings to all members of Theta Tau everywhere.

Yours in H & T,

HARRY NARA,

Acting Corresponding Secretary

Zeta Picking Up

LAWRENCE
KANSAS

Zeta chapter started the second school semester with twelve actives and four pledges. All are men who have been in the services and are starting back to school afresh this semester.

Chapter activities were started with a dinner where officers were elected and committees appointed to handle business. Officers are: Regent, Frank Lichty; Vice-Regent, Morris Borene; scribe, John E. C. Elliot; Treasurer, Bert Ladd; Chapter Adviser is Professor Bradshaw.

Zeta is planning on a concentrated rushing campaign to build the chapter back to full strength when the fraternity house becomes available next fall. The annual chapter

smoker for the engineering school is on schedule.

The engineering council was dormant during the war years. Dean J. O. Jones appointed men to reactivate the engineering council and Zeta had six of its members chosen.

Many of the alumni will be very sorry to hear of the death of Gertrude "Trudy" Mason, our cook for many years.

Zeta mourns the loss of Raymond Napier and Montgomery Veatch in action.

News of alumni has been very scarce. Zeta would appreciate it very much if alumni would write in giving news about any men they know.

Yours in H & T,

JOHN E. C. ELLIOT, Scribe

Theta Must Be Eating Spinach



Theta Chapter of Theta Tau was fortunate during the war years in having enough blue-jackets on hand to maintain an active membership despite the inroads of Selective Service. Today with the return of veterans swelling the ranks we can look forward to ever increasing membership and more frequent social and non-social activities.

During the last few months the joys and burdens of activity arrangements have been carried by our chapter officers: Bob McCaffery, Regent; Jerry Harris, Vice-Regent; Bruno Krause, Secretary; Bill Glick, Treasurer; and last but by no means least Dr. Ettore A.

Peretti, Assistant Professor of Metallurgy, Psi '43, Chapter Adviser. To show that their work hasn't been in vain it is only necessary to mention the fact that fifteen hale and eager pledges have been signed up for the spring session, who together with the present active list of twelve members should constitute a gang that will really go places and do things.

Activities since February have included three meetings, a smoker, and a dance with initiation set for the first week of April and another arranged for the beginning of May.

To cheer and light our way Ken Lopez '43 has returned to the campus from the employ of the U. S. Army and is now doing research work for his M.S. degree in metallurgy. Ken brought glad tidings of several of the alumni

who have engineered their way through buildings, airplanes, and factories to places of fame in their particular fields. Johnny Helm '43, now down at Aero Manuscripts is struggling with the nuts and bolts on a fifty ton crane, Tommy Maher is breaking beams for the stress department of Republic Steel, while Sam Higginbottom on the construction of four leaf clovers and other road layouts sends fraternal best wishes.

Honor has come to all Theta Taus with the selection of our former adviser, Mr. A. D. Hinckley, as secretary of the American Society of Illuminating Engineers and the recent initiation of brother Roscoe Guernsey '40 into Chi Epsilon, national civil engineering fraternity, as honorary member of the chapter at the University of Texas, where Brother Guernsey is a professor. Though Jim Roros '43 is still in the employ of Uncle Sam's Army working on the Manhattan project at the Bureau of Standards, Frank McCaffery is now mixing a new and zestful preparation out at General Foods.

Glory, too, has come to the parchment seekers up on old Broadway in the person of Bill Hess that stalwart of crew and fencing, a superb combination of speed and strength; Jerry Harris, captain of varsity fencing, a three weapon man threat to any opponent, has recently decorated his mantel with several additional laurels; and Jack Ott of the 1945 Varsity Show, member of the College Players, leading character in *Arsenic and Old Lace* and recipient of the much sought Silver Crown of King's Crown Society for outstanding leadership in campus activities.

Other notables include Bruno Krause, varsity football letter man and assistant manager of basketball; Joe Fontana, manager

of varsity basketball; Bill Glick, president of AIEE; Ed Reid, cross country leader; Johnny Atwood, manager of fencing team; Ted Brockmeyer, of varsity baseball, and Quentin Disher, who is holding a part time engineering job while struggling steadily along the steady climb to scholastic fame.

To prove the U. S. Navy knows how to pick their men, look at Jerry Harris on the Battalion Staff of the V-12 Navy Unit, and consider Ensigns Bill Piper, Fred Holte, Bob Beugler, Stan Smith, and Zack Rosenfield now on their way to the Navy Steam School at New Port, Rhode Island. Their departure upon graduation in February was regretted by all, but then Theta's loss is the Navy's gain. Of interest too, is the recent assignment of Ensign Brothers, Joe Engelberger and August Saepa to supervise the Atom Bomb Test upon their successful completion of Salvage School.

Through the efforts of Theta Chapter the reestablishment of the Student Board of the School of Engineering is portending. Its function is to enforce the honor system, to act as a student body governing board, and to arrange social functions as well as to consider problems which arise from time to time within the Engineering School. This regulatory function was very successful during the years before the war and it is felt that its reinstatement will be beneficial to the school as a whole.

Our sincerest fraternal best wishes are extended to our alumni and to all the members of Theta Tau throughout the country. Here's to a brilliant and successful future!

Yours in H. & T.,
RALPH R. HENNIG,
Corresponding Secretary

Lambda Expert at Activities



Greetings from Lambda! Since the last issue of the GEAR, we of Lambda have been making strides to get back to the normal standards of size and quality which have characterized our chapter in the past. Several of our brothers have returned from the service and five new members have been initiated. The new members are Jack Birk, Marshall Bell, John Carlson, Hal Garbe, and John Maragakis.

During the past two quarters the actives and the pledges of Lambda have held some

parties which are rapidly gaining the reputation of being the best fraternity parties on the campus. Our future plans call for more of these fine get-togethers as well as many lectures and studies which will, all in all, help us to become the type of Theta Tau's that we should all be.

At the present time our active list contains eighteen names, and our pledges list contains eight names. By the time the GEAR is published, those who are pledges now will have gone active. With the addition of these brothers-to-be we will be in a better position than Lambda has been in for some time.

Our officers at the present time are Reed Bills, Regent; Macklyn McKeehan, Vice-

Regent; Jay Haight, Scribe; Finn Paulsen, Treasurer; and Prof. George W. Carter, Adviser.

On the campus this week we talked to Brother Harding Russell who is on vacation here. He has been with the Shell Oil Company in the Corrosion Engineers office at Martinez, California for the last few months and likes it very much. Brother Leonard Nuttall is working with General Electric

and from all reports is enjoying the work.

We of Lambda are very optimistic about the future and hope to help raise our chapter and the whole fraternity at large into even finer activities than ever before.

In closing we send fraternal greetings to all Theta Tau's where ever they may be with our best wishes for their continued success and well-being.

Yours in H & T.

REED BILLS, Regent

Mu Is Active



your deadline on the rather slim chance that you were not able to meet your deadline or will still be able to include news of Mu chapter.

At present William K. Rey of New York City is Regent; Earl W. Karm of Mobile, Alabama is Vice-Regent; David W. Crockett of Shelbyville, Missouri is Scribe; and Murray Maisel of Mobile, Alabama is Corresponding Secretary. Professor George T. Bator of the School of Mines is still serving as chapter treasurer, and Professor James M. Faircloth is acting as chapter adviser.

This quarter there are nineteen actives and

Your letter of March 4th concerning chapter news for the spring issue of THE GEAR was not turned over to me until recently. I am writing giving you the desired information even though it is a few weeks past

two honorary members on the campus. Among the returned veterans are David W. Crockett, James A. Sims, Bill Jordon, and Tom Wilder.

The highlight of Mu's activities in the past few months was a smoker given on February 27 to which all junior and senior engineering students along with all members of the engineering faculty were invited. Professor George Johnson, Head of the Engineering Placement Bureau and Professor of Industrial Engineering, was the speaker of the evening. Professor Johnson's talk was titled "Opportunities in Industry for the Graduating Engineer." His talk was both timely and interesting and enjoyed and appreciated by all.

That is about all of the more important news from Mu chapter. I'll close pledging my support to you in the future and promising to meet your deadline for the Fall issue of THE GEAR.

Yours in H and T,

WILLIAM K. REY, Regent

Pi Develops Political Power



Greetings from Pi chapter at the University of Virginia.

If you remember, I stated in my last letter that things were looking up for Pi, and the passing of these last few months has brightened our outlook still more. Eleven men have returned from the service and they have settled right into the ol' groove.

Elections were held last January with the following results: Regent, Charles Beverage; Vice-Regent, Ralph Carrel; Treasurer, Jim Calhoun; and Scribe, Allen Marks. Charlie, however, found that it was impossible to adequately fill his office because of increased studies and Honor Committee obligations, and

he resigned on March 12. Brother Carrel was made Regent in his stead, and a returning brother, George Andrews, was elected Vice-Regent. Our chapter adviser is still the capable and helpful Dr. L. R. Quarles.

With the addition of the returning brothers, Pi has increased its active roll call to seventeen men, and six more will join our ranks with a formal initiation on April 8.

All of our activities at the moment are concentrated on preparations for the revival of the Engineer's Ball which in former years was one of the highlights of the social activities. Plans have been made for the Ball to be held on April 4, and pre-advertising indicates that it will compare favorably with its predecessors in attendance and enjoyment.

Elections were held for officers of the engi-

neering school last January, and Pi's "Green Ticket" came through with flying colors. All of the men running under the "Green Ticket" were elected: Charles Beverage, President; Allen Marks, Vice President; Jim Calhoun, Treasurer; and V. A. Shriner, Secretary.

We hope to include pictures of the Engi-

neer's Ball in the next issue of "The Gear", and we trust they will help us to describe the wonderful time we plan to have. 'Til the next issue, then.

Yours in H & T,

Allen R. Marks, Scribe

Rho Throws Out Its Chest



Rho chapter of Theta Tau wishes to extend the best possible wishes to all the other chapters.

Well, it seems that the general purpose of this column is to permit the individual chapter to do a bit of bragging about its accomplishments and its plans for the future.

The chapter officers for this school year are: Regent, R. W. Kennison; Vice-Regent, E. G. Bowen; Scribe, P. T. Fugate; Treasurer, C. A. Fisler; Corresponding Secretary, M. B. Dunn; Inner Guard, J. M. Monroe; Outer Guard, J. S. Hepler; and Marshal, J. H. Holloway. Our chapter advisor is Professor T. C. Brown of the Mechanical Engineering Department. Prof. Brown is very active in chapter activities and he continues to offer much helpful advice as he has done in the past.

It is hoped that we might be able to present pictures of the banquet, but a delay in their preparation makes it impossible to do so. Several good shots were taken and would have proven of interest to the many alumni. For the benefit of the alumni of Rho chapter, the pictures will appear in *The Gearlette*. The banquet was held in the Raleigh Woman's Club followed by dancing afterwards in the ballroom.

At the present Rho chapter has no pledges, but it does have thirty-one active members. We recently reached this number by initiating eight new members. These new men are: W. J. Daniel, J. E. Adkins, H. S. Glenn, E. J. Mahoney, J. E. Deas, I. L. Helms, G. E. Stone, and C. H. Walker.

As is the case with all other chapters, Rho chapter is happy and proud to welcome back many men who have served in the armed forces during the past few years. Those that have returned are: V. M. Barnes, M. B. Dunn, R. C. Hinkle, M. A. Mears, G. B. Stevens, R. W. Smythick, W. L. Woodall, and M. B. Johnson.

As it has done in the past years, Rho chapter has jointly sponsored several speakers with

the YMCA. Through the excellent cooperation many outstanding speakers were secured. Such men as Dr. Frank P. Graham, president of the Greater University of North Carolina, were here to speak to us and to many of the other students. Other speakers addressed the meeting of Rho chapter at various times. Their topics varied from matters of ethics in engineering to strictly technical material.

We have not received as much correspondence from our alumni as has been customary. However, Brother Flannigan, now in the Navy, sends his regards. Brother C. D. Dixon is now at Harvard studying the Japanese language. It couldn't be that he expects to take a short trip with the Army could it? The aforementioned alumni had to leave for the armed forces before graduating. Brother M. C. Sasser is now in the near vicinity of Raleigh doing work for an engineering concern. Brother T. B. Whitehurst is following his "trade" and is working for an aircraft company running stress analysis tests. Sounds as if it might be fun. Brother Jack Goodrum is still showing his usual active interest in chapter activities. In fact, he probably knows more about the alumni than does the chapter. Brother Goodrum is to be commended. As has been previously mentioned, quite a few of those that were forced to leave, have returned to school and to an active status in Rho chapter. This probably accounts for a decrease in correspondence from the alumni as these men are now back with us.

Regent Kennison is working on *The Gearlette* and it will soon be ready for the presses. Then the alumni of Rho chapter will hear of all the news of the past year. The activities and accomplishments will be more elaborately enumerated and articles that would not prove of particular interest to other chapters will be given in full detail.

Well, the time has come for a closing so without further ado all of the members in Rho chapter remain

Yours in H & T,

M. B. DUNN, Corresponding Sec'y.

Sigma Getting on Its Feet



Sigma is back in circulation once again. We now have nine actives and four pledges. We have been holding our meetings in the Ohio Union on the campus since we do not have a house. Next quarter we feel that Sigma will once again be up where it has been in the past, at least we are going to try and build it up to full strength.

Our new officers are Al Adams, Regent; John Zalar, Vice-Regent; Dale Wilkins, Treasurer; and Ernie Spencer, Scribe.

Since Sigma has no house the address of the fraternity is at Al Adams' house, 972 E. 19th Ave., Columbus 1, Ohio.

Sigma started up again a year ago but the big push came last quarter with the return of five veterans.

I myself have been connected with the fraternity since I graduated in 1944 but I am going inactive next quarter since a lot of the brothers have returned.

I hope there is enough information for you in this short letter. You will be hearing from Sigma again in the near future.

Yours in H. & T,

JAMES W. SMELKER

Upsilon Leases House



The last three or four years have been a struggle but Upsilon has managed to have enough members to keep our house operating. With the initiation of Paul Jasper and Jackson Vineyard in the fall semester and the return of five members from the armed forces, Joe Pendleton, John Strange, Bob Hester, Ray Hedgecock, and James Stutheit, we now have twelve on the chapter roll. However, we have recently pledged seven men and with the anticipated return of at least seven members by next fall, we should have at least twenty-five to start the semester. We have recently leased a house for next year with a capacity of thirty so you can expect to hear a lot from the "boys from the Ozarks" in the future.

The annual Founders' Day banquet was held this year in the Blue Mill Inn, with members and Professors Spencer and Stelzner (our founders and faculty advisers) Wray and Humphreys attending.

Officers elected for the spring semester are: Regent, Ray Hedgecock; Vice-Regent, Rus-



Left to right: Betty Alexander, Austin Bollen, Ruth Torrian, Lee Ford, Connie Wanasek, Melvin Strabala, Mother Cate (house-mother) Jack Berry

sell Newman; Scribe, Austin Bollen; Treasurer, Paul Jasper; Marshal, Bob Hester; Innerguard, James Stutheit; Outerguard, Howard Bonds.

I have enclosed a picture of some of the fellows and their Sunday Dinner dates.

Probably we will have more news for you the next time the Gear is published. Feel free to call on Upsilon at any time for anything.

Yours in H & T,

RAY HEDGECOCK, Regent

Chi on an Upward Spiral



Chi chapter is going strong! Since the Fall issue of *THE GEAR*, seven new men have been initiated: John W. Anthony, Alvin Freidsam, Hal Gerdin, Dan Howe, Hal Knutson, Jr., Bob Masching, and Charles

Stanley. At the beginning of the second semester, former Chi chapter members Van Soule, Dave Ross, and Ted Cardon came back to school. The total membership is now 16 men with good prospects for the future.

At our meetings during the past year, members have given technical papers during the meeting. Plans are under way for a dinner meeting in the near future with a local engineer as the speaker. Early in February a bridge party was given for the chapter by the faculty at the home of Prof. M. L. Thornburg, head of the Mechanical Engineering Department and Honorary member of Chi chapter. We polished up our bridge finesse in good style and everybody won a prize for something or other! The last regular meeting was

a smoker to get acquainted with some of the prospective members. With the Engineering College enrollment about up to pre-war level, we are making plans for an active future.

University "Honors" for superior work were received by members Bob Masching, Harold Knutson, Jr., and Harold Gerdin at the last "Honors" Assembly.

Pete Mosier is Student Body president. Field Curry is chairman of the Student Chapter, A. I. E.E. and Phil Newlin, is president of Student chapter A.S.C.E.

Engineers' Day at the University of Arizona (the first in three years) was carried on in fine style with all members lending a hand to make it a big day. Pete Mosier was "Generalissimo" for the day. The Miners won the baseball tournament.

Chapter officers are: Maurice L. Mallick, Regent; Charles F. Stanley, Vice-Regent; Harold Gerdin, Scribe; John Anthony, Treasurer; Field Curry, Corresponding Secretary.

Yours in H & T,
FIELD CURRY,
Corresponding Secretary



CHI CHAPTER THETA TAU, 1946

Psi Well Under Way



In response to your communication of March 4, I am happy to report that Psi Chapter has made perceptible progress in its post-war program.

Although enrollments in general and active memberships in particular are still small, the chapter has been able to carry out a limited

program of activity. At the present time we have nineteen active members and seven pledges. The five men who were initiated since the first of the year are: C. Joseph Lindstrom, William Hand, Alfred Newman, Raymond Bowcutt, and Stanley G. Olson.

Chapter officers are as follows: Regent, Judson Whitman; Vice-Regent, William Joyce; Scribe, Robert Thompson; Treasurer, Bart-

lett Calkins; Marshal, Harold Johnson; Inner Guard, Joseph Kindstrom; Outer Guard, F. M. Smith, Corresponding Secretary, S. G. Olson; and Chapter Adviser, Professor O. A. Dingman.

To honor students returned from the service, Psi Chapter gave a dinner dance Friday night, March 15, in the Gold Room at the Hotel Finlen. Out-of-town alumni and their wives in attendance were Mr. and Mrs. Edward

Stevens of Norris, Mr. and Mrs. Carol Ward of Marysville, and Jack Nordquist of Great Falls. Fifty members and guests were in attendance.

The chapter extends best wishes for the success and ultimate return to normal of the fraternity publication.

Yours in H & T,
STANLEY G. OLSON,
Corresponding Secretary

Gamma Beta a Power at G. W.



Greetings from the brothers of Gamma Beta. The end of the war has been most gratifying since it meant, among other things, the return of our chapter adviser to the ranks of the facul-

ty in February. Brother Ames, who is a Past Grand Inner Guard, has served as a Colonel in the Air Corps since 1942. We are all very pleased that "Deacon" Ames is back with us again.

We also wish to welcome Brother Clifton Williamson back to the ranks of the active chapter after having served as a Lieutenant in the Air Corps.

On Founders' Day last October we initiated three men, John Doane, Bernard Bernstein, and Theodore Nelson. Following the initiation ceremony a banquet and dance were held at the Roger Smith Hotel where we keenly felt the absence of Brother Ames who had never before missed spending Founders' Day with us.

On February 4 the alumni sponsored a party for the actives and prospective pledges at Twin Oaks, Virginia, on the estate of Brother Lohnas' brother. The celebration included beer and songs and the usual jokes which made the party a very enjoyable one.

Activities of the Brothers of Gamma Beta are felt throughout the School of Engineering here at George Washington. Brother Dave Carlson is chairman of the Student Branch of A.I.E.E. The A.S.C.E. branch has Brother Dan Andrich as their president and Brother Felix Geissler as treasurer. The Engineers' Council, presided over by Dan Andrich also, has to postpone its meetings until Theta Tau adjourns, since a large majority of the members of the Engineers' Council are Theta Taus. Brother Stuart Beatson edits *The Mecbeleciv*, the engineers gossip sheet, in a commendable fashion. Three of the Brothers expect to graduate this spring. The list includes

Brothers John Doane, Haaren Miklofsky, and Rudolph Gareau. We are confident that they will because they are all members of Sigma Tau of which John Doane is president. Extracurricular activities of several of the Brothers have resulted in blessed events, Brother Kronstadt last July, Brother Bernstien's second in November and Brother Geissler rushed out of class in February.

Gamma Beta celebrated its eleventh anniversary on March 16, with an initiation banquet and dance. Those initiated were Donald Blanchard, Daniel McBride, John Lane, and Richard Shaw, three of whom are veterans. The banquet was a big success. Notables present included Brother S. Power (Pi) Warren, Gamma '13, who gave us a wonderful description of our beloved Erich Schrader and his work in our fraternity. At the banquet the chapter presented Brother Geissler with a diaper bag in token of his recent family addition. Brother Geissler retaliated with a box of very fine cigars.

After Brother Jim Skiles graduated last spring he departed to the West only to return this fall complete with wife and family. Few of us suspected the wife, much less the family but we are all glad that Jim has returned as a very active alumnus. Brother Dominic Toffolo was recently divorced from the Navy and he expects to remarry in April, a girl this time. Henry Heine, a sergeant in the Air Corps is stationed in Delaware and honors us frequently with visits on weekends.

Our officers are: Alfred Barauck, Regent; David Carlson, Vice-Regent; Stuart Beatson, Scribe; Felix Geissler, Treasurer; Haaren Miklofsky, Inner Guard; John Doane, Outer Guard; George Pida, Marshal; Theodore Nelson, Corresponding Secretary.

We send our best wishes to all the brothers in other chapters and to all alumni and the hope that the coming year will bring success to all of you.

Yours in H & T,
THEODORE W. NELSON
Corresponding Secretary

Delta Beta Cooking on the Front Burner

LOUISVILLE



We of Delta Beta feel that it's time to let our brother chapters know "what's cooking" here on the University of Louisville campus, considering we haven't reported our activities to THE GEAR for quite some time.

At the present time, our officers are: Eugene Deane, Regent; Domonic Mattei, Vice-Regent; Kenneth Ohlmann, Treasurer; Cal Crim, Scribe; Earl Dye, Corresponding Secretary. Professor M. G. Northrop continues as faculty adviser for us.

As you may know, Delta Beta survived the lean years of wartime bolstered by the presence of V-12 trainees on the campus but now the former students are coming back quite steadily and the fraternity is being reconverted, so to speak. Chapter membership is now thirty-three, with nine of these being

enumerate. However, the one boy that is really carrying a load is our Regent. He's serving as president of the A.I.C.H.E., Theta Chi Delta, and is retiring president of the Inter-fraternity Council, and in general, manages to have his fingers in a few other pies.

And as for our social activities, good ole Delta Beta is up to it's ears. Rush Week begins next Monday and we've been quite busy bringing prospective pledges to the house and giving them the "ole pep talk." Our Rush banquet is Saturday, March 23, and we plan to pledge some ten or twelve of these fellows.

And by the way, included with this letter are pictures taken at a party we had on the 9th of March, and some pictures of the officers.

And talking of pictures, I sure wish we had some of our house available. Our house has been completely redecorated in the last six weeks (we started the process a year ago but



OFFICERS

Ohlmann, Treas.; Crim, Scribe; Deane, Regent; Hoertz, House Manager

naval students and nine are returning veterans who were former Delta Beta's. They are Brothers Comeley, Delahanty, Danhauer, Lebre, Adams, Crim, Ohlmann, White, Hoertz, and Goetzman. Also new to the chapter life are ten former pledges, recently initiated into the fraternity, and to be exact, on February 7. It may seem with all this new blood coming into the chapter that all is a bed of roses with us but we suffered due to the graduation of the senior V-12's attached to the unit here. Brothers Toni Sullivan, John King, Dick Boehme, Bob Cunningham, Donald Smith, Bill Hooffstetter, Hugh Taylor, Milton Rowles, Gil Ahrens, and Howard Ward were among those twenty-six men commissioned as brand-new ENSIGNS on the 23rd of February and sent to active duty with Uncle Sam's Navy. Brother King was the retiring editor of the *Cardinal*, our school paper, and Brother Cunningham was president of the A.I.E.E. and all were active in other societies, too many to



PARTY GOERS

Seated: Joan Wellbrook, Sue Andrews, Carol James

Standing: Bearden, Mattei, Shaughnessey

we finally got down to brass tacks), and I'm sure that one who had seen it before would never recognize it now. It's the best looking frat house on the campus (as we proudly acclaim). The returning vets have worked very hard on it as have all the members.

Now comes the last big item of news. We've planned our big Spring formal, the *Jacqueminot*, for the 31st of May and the fellows are really building it up to be one of the nicest dances we've ever given here. The committee for the dance has worked, and I mean worked. The Continental Ballroom of the Henry Clay Hotel has been selected as the place to hold it, and the George Burger and his orchestra have been retained to furnish the music for the affair. A *Jacqueminot* Queen from one of the campus sororities is planned at this time but unless a fair way of selecting her can be found, we'll have to drop the idea.

Well fellows, this concludes "the what's

cookin' " story on Delta Beta and so in closing, we all join in sending our best wishes to all chapters, members, and alumni of Theta Tau.

Yours in H. & T,
EARL C. DYE, JR.
Corresponding Secretary

Intermountain Association Hears Experiences of Its Veterans

Our present officers of I.A.A. are Wayne Turpin, President; Ellis Barker, Vice President; C. Milton Anderson, Secretary-Treasurer; and the following are advisory board members: George W. Carter, Leland K. Irvine, Ed. H. Snyder, Otto Kerres, Elton Pace, Wm. J. Goodwin, Max L. Schick, and Blaine Watts.

Our last banquet was in honor of returned servicemen. The following returned Theta Taus gave short speeches: Ensign Harry D. Moulton, Jr., who sailed into Tokyo Bay; Lt. Col. A. Harold Blake, who was stationed in various U. S. Military Camps; Capt. Lynn Madsen, who was stationed in Arabia and Iran; Major Courtney Campbell, who was

stationed in Burma; Lt. Col. Lafayette M. Lee, who was stationed in Alaska and the North Pacific; Major John W. Prichard, stationed in the South Pacific; George Jones, Naval Officer, who was in Africa and Europe; and Major Elmer Roy Chytraus, of the U. S. Air Forces. It was a real treat to have these Theta Tau members back with us and to hear their interesting experiences first-hand.

Our next banquet will be May 4, 1946. The program has not been arranged.

C. MILTON ANDERSON, Secretary
Intermountain Alumni Assn.
P.O. Box 403
Salt Lake City, Utah

National Alumni Association Puts on a Big Party

The advent of peace has caused the return of many of our brothers from the wars, and more and more, the members of the National Capitol Alumni Association reap the mutual benefits derived from increasing activity.

Election of officers for this organization was held November 29. Results: Frank T. Mitchell, Jr., was elected President, Benedict Genua, Vice President; Ewing J. Ballou, Secretary; and Warren Crump, Treasurer.

Saturday, February 2, N.C.A.A. held a stag party at Twin Oakes, Vienna, Va., and estate of George Lohnas' brother. The pleasurable evening, reminiscent of pre-war events at Twin Oakes, was featured by poker, bingo, table tennis, pool, and a modified version of that staple game—craps, and was flavored by beer drinking, hot dogs, and the usual salty appetizers—all this to accompaniment of music from an automatic phonograph and the natural music, and fascination of a great fire in a huge fireplace. Active members of Gamma Beta chapter attended the party, with their pledges as guests of N.C.A.A. There was an estimated crowd of sixty present. If you wonder how so much activity was accommodated—the affair was held in a large barn, whose interior is panelled with knotty pine and fitted with accoutrements for such recreations described.

The event afforded opportunities to welcome home returning servicemen, and to renew old friendships. This reporter can recall the presence of Brothers Norman B. Ames, just returned from the E.T.O., Edward

Baker, returned from duty on an L.C.I., and Carl Estabrook, Clifton Williamson, and George Conrad all returned servicemen.

Several of those present had travelled some distance, expressly to join us. Comdr. Joseph Hartman came from Annapolis. Lt. Comdr. August "Punch Bowl" Millard came to us from Norfolk, Va. and Charlie Gareau from Richmond, Va. Lt. Comdr. Bert Randall and Charlie went into a huddle and gossiped most of the evening, renewing an old friendship of long standing.

N.C.A.A. has a natural predominance of Gamma Beta alumni, so we were especially happy to welcome to the party S. Power Warren, honorary member of Pi chapter, John East and Stanley Walker of Gamma, and Brother Goodridge of Alpha. In this vein, N.C.A.A. always extends a hearty invitation to all alumni of Theta Tau, now living in the Washington area, to join in its activities—contact E. J. Ballou, 5615 36th Avenue, Hyattsville, Maryland.

Brother S. Power Warren was one of the speakers at the banquet celebrating the eleventh birthday of Gamma Beta chapter, together with Gamma Beta's own Dean Frederick M. Feiker and "Deacon" Ames. The banquet was held March 16 at the Sheridan Hotel; Frank Mitchell presented a birthday cake on behalf of N.C.A.A. We note, with pardonable pride, that twenty-one members of N.C.A.A. were present at this banquet and express the hope that you—especially you who have been unable to join

us in the past—join with us in the future for our mutual enjoyment in such memorable events.

Those of us who attended the initiation and banquet were saddened by the news of the death of Prof. Hitchcock's wife on the previous Wednesday. We extend our sympathies

to you in these trying hours, Brother Hitchcock. Gamma Beta alumni especially remember Mrs. Hitchcock from those pleasant Christmas Tree seeking jaunts on your farm.

Yours in H & T,

EWING J. BALLOU

Secretary N.C.A.A.

Central Alumni Reorganize

During the war the Central Alumni Association had so many members in the Armed Services that regular meetings were discontinued. With the end of hostilities and many of the fellows returning to civilian life, the Association is looking ahead with plans for bigger and better get-togethers than before the war.

On February 20 the first post-war meeting was held. Fourteen members were present to

discuss plans for the future, both for the Association and for Sigma Chapter.

Present officers of the Association are: President, R. J. Ebner, Sigma '28, Secretary-Treasurer, R. E. Tilton, Beta '32, and Executive Member, E. E. Knorr, Sigma '27.

The Central Association extends an invitation to all alumni who have moved into the Central District to attend the meetings.

Yours in H & T,

R. E. TILTON, Sec.-Treas.

Twin City A. A. Active

The Twin City Alumni Association is still active. Our last meeting was held February 8, 1946 at the Twin City Testing and Engineering Laboratory building in St. Paul.

Many of our men have returned from the service. Some of these are: M. A. Agather, Alpha '31; F. J. Biltz, '31; W. L. Hinderman, '29; Wes Johnson, '34; M. F. Gregg, '33; S. R. Mitchell, '34; O. F. Rufsvold, '15; Hugo

Erickson, '26; Neal Kingsley, '11; and W. D. Schoell, '34.

Present officers are: President, L. F. Martin; Vice President, Don Alderson; Secretary and Treasurer, C. W. Britzius.

New officers will be elected at our spring meeting:

Yours in H & T,

C. W. BRITZIUS, Sec'y-Treas.

Northwest Alumni Meet

April 19, 1946

The Northwest Alumni Association held a meeting at the Psi Chapter House on April 17. This seems to have been the first meeting since October 1943. The strike in Butte kept many men from attending, but the members present elected officers, and made plans to start the ball rolling again. Officers elected were: President, Robert W. Lawson, Psi '37; Vice-President, Rayworth Howe, Psi '34; Secretary-Treasurer, Dave Piper; Executive Officers, George T. Hanson, Dr. E. S. Perry, and Frank Trask, Jr.

It was decided that the alumni would accept the invitation of the Active Chapter at Montana Mines and attend their spring Formal rather than have an alumni dance. This event is expected to take place about May 11.

Because of the small attendance at the April meeting, the Executive Committee expects to call another meeting about graduation time.

There are approximately thirty alumni in or near Butte whose names are on the Association's rolls. It is doubted that all Theta Tau alumni are on this list and the secretary would welcome hearing from any alumnus who hasn't received any announcements.

I understand the Active Chapter has given you all the recent news. Bill Trethewey, Psi '19, has returned from Germany where he was a Lieutenant in the U.S. Army. George T. Hanson, Psi '38, who was an Electronic Technician's Mate 2nd Class in the Navy, has received his discharge and returned to the smelter in Anaconda. He married Miss Helen Miles of Salina, Kansas, on March 10, 1946. Rayworth Howe has left the School of Mines staff and has returned to his former position with a local concern in Butte.

Yours in H & T,

GEORGE T. HANSEN

Alumni Notes

ALPHA

- SCHRADER, E. J., '05, Grand Scribe, has been elected chairman of the Nevada section of the American Institute of Mining Engineers for the ensuing year.
- SPRING, WILLIS W., '07, is vice president and director of the Northern National Bank and resides at 427 Lakeview Avenue, Duluth, Minnesota.
- CHANDLER, MALCOLM D., '08, is vice president of the Northwestern National Bank and lives at 3005 Knox Avenue S., Minneapolis, Minnesota.
- BUCK, FREDERICK WILLIAM, '09, president of Stryker, Manley & Buck in Duluth, is also a director of the Northern National Bank and Minnesota Power & Light Co. His home is at 2231 East 2nd Street, Duluth, Minnesota.
- KINGSLEY, NEIL S., '11, was discharged from the army early in 1946 with the rank of Major. He is considering an assignment as civilian engineer on government projects in the Philippines.
- JONES, WATKIN W., '11, is manager of the Central Lincoln Peoples Utility District at Newport, Oregon. During the war he served on the U.D. Maritime Commission as representative of industrial relations for Oregon and Washington for shipyards and manufacturing plants.
- RUFVOLD, OLAV M., '15, is again back with the State Highway Department in St. Paul, Minnesota, since being discharged from Uncle Sam's army. His home is at 5025 15th Avenue, S. Minneapolis.
- LARPEUR, B. J., '25, is assistant raw materials engineer for the Bethlehem Steel Co., Bethlehem, Pa. He is addressed at Cornwall, Pa.
- HILGEDICK, WIN C., '26, Lt. Comdr., U.S.N.R., gives his address as 522 North Field Road, Bethesda, Maryland.
- ORNING, HAROLD, '26, spends his working hours with the Northern States Power Co., in Minneapolis in the sales department. Address: 4428 Colfax Avenue, S., Minneapolis, Minnesota.
- BERKNER, LLOYD V., '27, Captain, returned at the beginning of the year to the Carnegie Institute of Washington to resume pure research after five years in navy uniform. He headed up important work for the navy in research in connection with electronic equipment in aircraft and the sources of disturbance to its functioning. Address: 7213 Bradley Blvd., Bethesda, Maryland.
- JOHNSON, LAURENCE V., '27, who was discharged with the rank of colonel, returned to the States in December from Frankfurt, Germany where he was with the 2nd Military Railway Service as chief engineer of maintenance. Brother Johnson is now back in his former job of maintenance engineer with the Soo Line RR. Co. with residence at 2454 Beverly Road, St. Paul, Minnesota.
- MURRAY, HAROLD E., '27, has a new address: 5115 Woodlawn, Little Rock, Arkansas.
- GARRISON, MILLARD, M., '28, Commander, U.S.N.R., is addressed at 5518 Wriley Road, West Haven, Maryland.
- GERLICHER, ROBERT A., '28, who graduated from M.I.T. in their Chemical Engineer practice course, is with the Standard Oil Co. at Baton Rouge in their research department.
- HINDERMAN, WINFRED L., '29, who was discharged from the navy (Lt.) about the first of December, '45, is now back with the Minnesota Highway Department Testing and Materials Laboratory at the University. He has purchased a home near Anoka and makes the long drives back and forth each day.
- RINGER, ADOLPH G., '30, wants his mail sent to 41 Woodbine Drive East, Freeport, New York.
- AGATHER, MARTIN A., '31, who returned to this country from Germany in November 1945, was discharged from military service with the rank of captain in February. At present his home is at 5345 11th Avenue, S., Minneapolis, Minnesota. Brother Agather plans to enter business in a small town, probably in the vicinity of St. Cloud.
- FINCH, EDWARD H., '31, was in Minneapolis on leave in October '45. Address: E. H. Finch, #918, Lt. (sr. g.) U.S.N.R., Bureau of Ships, Navy Dept., Washington, D. C.
- SOULES, WEBSTER F., '31, Lt. Col. U. S. Signal Corps in the China-Burma-India Theater, has been discharged from the service and is now sales manager for Electro-Voice Inc., manufacturers of microphones. His home is at 1450 Longfellow, South Bend 15, Indiana.
- BRIMMALL, GEORGE B., '32, assistant division engineer, Pacific Division, Pan American Airways, Oakland, California base, lives at 46 Woodworth Ave., Redwood City, Calif.

Brother Brimhall's wife, Margaret Knight, Ex '34, died November 22, 1945, leaving one child, Marsden Ray. George's classmates and friends extend their heart felt sympathy.

WILLOX, J. HEDDEN, '32, is addressed Lt. Comdr., U.S.N.R., Bureau of Aeronautics, Engineering Division, Aer-E-3163, Washington 25, D. C. He worked with Capt. Berkner, '27, and Comdr. M. M. Garrison '28 on research.

GREGG, MIRZA F., '33, who was discharged from the Army Air Corps with rank of major, is now back again with his former employers, the Lockheed Co., as senior industrial engineer on production. The Greggs have three children, Gordon, Johnny, and Bonnie, and are living at 1027 Grover, Glendale, California.

GRAEBNER, ROBERT C., Ex '34, is operating an employment agency in St. Paul. His home address is 1983 Stamford, St. Paul, Minnesota.

JOHNSON, KENNETH R., '34, since being discharged from the army in January has returned to Bisbee, Arizona, and to his old job with the Phelps-Dodge Corporation. He gets his mail at Box 2193 in Bisbee.

JOHNSON, WESLEY H., '34, is back with the Hustad Co., Steel Products, of Minneapolis since receiving his discharge from the army. Home is at 1320 James Avenue, St. Paul, 5, Minnesota.

THOMPSON, BURTON W., '35, was released from the army communications service in India with rank of major. He has purchased a home at 4420 Zenith Avenue, So. Minneapolis, Minnesota.

HODGMAN, ROBERT F., '38, Lt., U.S.N.R., stopped at the chapter house for a few days during the Christmas holidays. It is believed that he has been released from active duty in the navy. Address: R. R. #8, White Bear Lake Branch, St. Paul, Minnesota.

LEWIS, LLOYD ALLEN, '38, is geologist for the Shell Oil Co., and mail should be sent to him in care of the company, P. O. Box 691, Ventura, California.

O'KEEFE, DANIEL V., '38, recently contacted Charles Britzuis '33, by letter and reported a very interesting history since leaving Minneapolis. Brother O'Keefe attended Law School and was admitted to the Illinois and South Dakota bars and the Federal Courts. He spent three and one-half years in the Army Air Force as engineering officer. After being discharged, he entered law practice with Wallace & Cannon of 1 North LaSalle St., Chicago 2, Illinois.

LARSON, HARRY A., '39, is with Bulter

Brothers, Cooley, Minnesota. He is doing a variety of work in the mining field and has just completed an extensive hydrographic survey. Brother Larson is the father of four boys who also keep him plenty busy.

McMILLEN, RALPH E., '39, is with the Seismograph Service Corporation of Delaware and should be addressed at Apartado 1488, Caracas, Venezuela.

MEYER, RONALD C., '39, went into business with his father and brothers in refrigeration sales and service. He was discharged from the Army Air Corps in October with the rank of major.

TROXELL, MILLARD A., '39, finished internship at St. Mary's Hospital in Duluth after getting his degree in medicine at Iowa University. He is in the army medical corps and is addressed 1st Lt., M. A. Troxell, 001766766, MC, RS-B237-(ab), A.P.O. 11910, c/o Postmaster, Miami, Florida.

CAULSTON, RICHARD M., '40, recently wrote a very interesting account of his experiences during the past year to the chapter adviser, Brother Teske. He says the army borrowed him from his assignment as liaison officer at Consolidated-Vultee at San Diego and sent him to the European theatre. He flew to London via Labrador, arriving there VE day and was assigned to the Air Technical Intelligence Division of USSTAF to assist in the collection and evaluation of German aeronautical data. After three weeks in London he flew to Paris and then to Brunswick, Germany, the equivalent of our Wright Field. After a couple of weeks at that point he made an intensive tour of five weeks duration to numerous plants, technical schools and scientific installations, interviewing scientists and engineers. He returned to New York aboard the Queen Elizabeth and arrived on VJ Day. In December he received his discharge from the air force and is now working in California. Mail should be sent to 8208 Crenshaw Blvd., Englewood, Calif.

CUMMINGS, PAUL, '40, before being discharged from the navy this year, had spent most of his time aboard submarines as engineering officer. He stopped in Minneapolis to visit friends and relatives and was looking the field over for a job.

JOHNSON, SYRUS H., '40, is now working with his father in the contracting business since being discharged from active duty with the Air Corps Construction Division. The Johnsons have a daughter, Jo Ann Carrol, born in September, 1943, and they reside at 677 Main Street, Winona, Minnesota.

LUNN, ROBERT J., '40, expects to return to

the States in March or April and be discharged from the army. He plans to return to his former employer, the Donaldson Co., Inc., manufacturers of air conditioning equipment.

PRUSAK, BERNARD R., '40, is in the Bridge and Building Department of the Soo Line R.R. Co. with address as follows: 215 S. E. Walnut St., Minneapolis, 14, Minnesota.

Brother Prusak became a proud father on February 13, 1946 with the birth of Peter John, a bouncing, husky lad.

BOYUM, BURTON H., '41, is geologist with Cleveland-Cliffs Iron Co. at Ishpeming, Michigan. A daughter, Judy May, came to make her home with them in June 1945.

DUNCANSON, DONALD N., '41, Lt. (j.g.) U.S.N.R., was recently promoted. His wife and two children left in January to join him in Hawaii on the island on which Pearl Harbor is located.

GOODMAN, LYLE ORAL, '41, until recently an engineer with Cerro de Pasco in Peru, has opened offices as an engineer in Weiser, Idaho, with his father L. O. Goodman a mining attorney, who has interests in mining properties in Montana and Canada. He can be addressed at P. O. Box 247, Weiser, Idaho.

NERWICK, CHARLES, '41, reported in February on several matters of interest, the most important of which was a new baby girl born September 19, 1945, the second in the family. Brother Nerwick has changed employment from Goodyear Aircraft to Apex Electric Co. in the Research and Engineering Department. Address: RFD #1, 55 Schiller Avenue, Sandusky, Ohio.

GERACI, JOSEPH, '42, wants his mail sent to him at Box 485, East Pittsburgh, Pa.

ANDERSON, ROBERT R., '43, returned home on leave in February when he saw his 15 month old son for the first time. He had to report back to New York for further duty but expects to be discharged from the navy this spring. Brother Anderson was sporting another stripe (Lt. j.g.) He hopes to go back to school for a master's degree next fall.

BERGSMAN, WINSTON E., Ex '43, is another of the boys who was recently discharged from the navy. He is planning on returning to school in the spring quarter. At the time this was written Brother Bergsman was working for the Department of Visual Education at the University of Minnesota.

BOYUM, WILLIAM B., '43, was discharged February 15 from radio technician's duties in the navy. On March 1 he reported to the Westinghouse Electric Co. at Pittsburgh where he is taking a student training

course in jet propulsion and gas turbines. After about four months training Brother Boyum will go to Philadelphia to work. He is the daddy of a little girl, Barbara Ann, born July 21, 1945. Address: 421 Rebecca Ave., Wilkensburg, Pa.

DAHLBERG, HARRY R., '43, Lt. (j.g.) U.S.N.R. is another that was recently discharged. While in service he spent most of his time aboard a destroyer escort dodging typhoons and missing his mail. Brother Dahlberg has taken over new duties as assistant professor of Foundry Practice at Oregon State College at Corvallis, Oregon. His chief responsibility is to overhaul and reactivate the foundry department. He can be addressed in care of the Industrial Arts Department.

HOERSCHGEN, EBERHARD, '43, expects to be relieved from duty in the navy in time to return to Minneapolis to take graduate work in the School of Mines in the spring term. Lt. (j.g.) Hoerschgen is still in the Assembly and Repair Department at Jacksonville, Florida.

UNDERWOOD, WARREN H., '43, who was in San Francisco left in February for Newport News where his ship the U.S.S. Pickens was decommissioned. Lt. (j.g.) Underwood hopes to be discharged in May and expects to take a refresher term at the University of Minnesota if he can get in before taking a permanent job.

BERGER, GERALD A., '44, Ensign, U.S.S. Gandy (DE764), c/o Fleet Postoffice San Francisco, Calif., was last heard from in October 1945. After finishing training at Cornell Diesel school he was shipped to Pearl Harbor, being assigned to a destroyer escort working out of Guam.

CARLSON, JOHN L., Ex '44, Ensign, U.S.N.R., was last contacted in October '45, when he wrote from aboard a high speed transport to which he had been assigned in July. Probably by now he is eligible for a discharge.

DELOE, RICHARD V., Ex '44, was discharged from the army early in January '46 and returned to his home in St. Paul. Brother DeLoe registered late in the Aero. Engineering Dept. at Minnesota to continue his undergraduate work.

HOKENSON, LYNN N., '44, returned to the States from Okinawa and the 71st Naval Construction Battalion in February and reported for duty at Great Lakes Naval Station. He is considering remaining in the navy after being eligible for discharge.

HURD, DONALD L., '44, is addressed: Ensign, C.E.C., U.S.N.R., Camp Awase, c/o Fleet Post Office, San Francisco, California. From information sent by his classmates, it appears

that he was finally assigned to Guam.

MICK, RICHARD, Ex '44, who was discharged from the army is back in Minneapolis where he plans to return to the School of Mines to complete his undergraduate work.

MOXNESS, JOHN B., '44, will live at the chapter house while he attends law school in the spring quarter.

OLSON, MILES B., '44, is expected to arrive back in the States from Guam in April when he will be discharged. On April 27, 1946, he plans to exchange vows with Miss Ann Preuff of Bronxville, New York. Brother Olson hoped to return to school to get a master's degree.

RUPERT, EDWARD J., '44, PVI., U.S.A., is stationed at Camp Lee, Virginia. He graduated as a metallurgist and was with Allis-Chalmers Manufacturing Co. for a time. His home is in Eveleth, Minnesota.

ST. VINCENT, JOHN W., '44, wrote at Christmas time from Pearl Harbor and brought his career up to date. He left Chicago (after completing radio tech. training,) in August '45, stopped at home for 8 days, then moved to the west coast and Pearl Harbor. After two weeks there he was shipped to Okinawa, where he lived in tents and in the mud and ate C & K rations as well as experiencing a big typhoon there.

TALTY, RUSSELL H., Ex '44, wrote from Guam in December where he had been since November 7, 1945. Brother Talty has been in the Marine Corps since '43, and is hoping to be released to get back to the school of mines to finish his undergraduate work.

SWANSON, ALF R. E., '44, is in the navy as radio technician. Address: Rt 3/c, U.S.S., Richard P. Leary, DD664, c/o Fleet Post Office, San Francisco, California.

COLLINS, DELBERT E., '45, who was commissioned an Ensign, U.S.N.R., at Notre Dame in November '45, was, at last report, still at Lake City, Florida. Address: Naval Air Station VB-2, Lake City, Florida.

DUSCHA, LLOYD A., '45, Ensign, C.E.C., U.S.N.R., P. O. Box 115, Navy No. 128, Fleet Post Office, San Francisco, California, wrote late in January '46 of his previous experiences. He was assigned to the Director, Western Pacific Division, Bureau of Yards and Docks, on a survey party which carried him over nearly the entire Pacific and into China and Japan, his primary object being to inventory all construction equipment. He was then assigned to Pearl Harbor in the Domestic Transportation office, 14th Naval District, comprising the entire Hawaiian archipelago and many other islands. His work covers procurement, maintenance, and dismantling of equip-

ment used in transportation and the analysis of future needs. Brother Duscha expects to remain in the area for another year after being eligible for discharge and later intends to take a civilian job before returning to school to take courses in business administration.

EGGERS, GORDON H., Ex '45, at the time of this writing, was still in Manila with the army engineers but expected to return to the States sometime in April for discharge. He will resume his undergraduate course and his active membership in the chapter.

EVANS, RICHARD B., '45, who was one of the sure point winners on Minnesota's swimming team in '44 and '45 and an all around good student and swell fellow, was commissioned an Ensign in the Navy Civil Engineering Corps after graduation in October '45. He was at Bremerton Navy Yard when last heard from, where he was assigned to CVE-122 and expected to go overseas.

FARR, LEWIS L., '45, is addressed Ensign, U.S.N.R., U.S.S. Shangri-La, (CV-39) c/o Fleet Post Office, San Francisco, California.

HEULE, ROBERT K., '45, who spent three months at Bremerton Navy Yard after being commissioned an Ensign, was ready to go overseas to be assigned to the 7th Fleet in February. His address is: Ensign, U.S.N.R., Com. 7th Fleet, c/o Fleet Post Office, San Francisco, California.

HUSLEY, LOUIS O., '45, who was commissioned an ensign in the navy in September '45, has been on assignment in this country ever since.

JENNINGS, WILLIS C., '45, Ensign, U.S.N.R., is on duty in Pearl Harbor. His wife recently left the States to join him. Ensign Jennings has the following address: Air Sea Rescue, Hawaiian Sea Frontier, c/o Fleet Post Office, San Francisco, California.

PETERS, HERMAN G., '45, wants his mail sent to Renville, Minnesota.

ROSENE, ROBERT W., '45, an Ensign with the Seabees, is now on Okinawa serving as Public Works and Engineering Officer for the district. He is in charge of village supervisors and serves as executive officer of the station. Address: Ensign, C.E.C., U.S.N.R., Military Govt., Maebaru District, Navy 3256, Fleet Post Office, San Francisco, California.

RUANE, WILLIAM J., '45, was commissioned an Ensign in October '45. His address is U.S.N.R., U.S.S. Pandera, A.P.A. 191, Fleet Post Office, San Francisco, California.

SELMER, CARL C., '45, Ensign, U.S.N.R., left Moffet Field, California around the first of the year and is now in communications service on Guam. He thinks that he may

be home by August. Mail should be addressed Ensign, U.S.N.R., VR-6, N.A.T.S., c/o Fleet Post Office, San Francisco, California.

TOUHEY, ROBERT HOWARD, '45, is on duty with the Navy in the Pacific Area. Mail can be sent to 4344 Wilcox St., Chicago, Illinois.

WICK, CALVIN W., Ex '45, is addressed ETM 3/c, 961-36-80 U.S.N.R., USS YMS 53, c/o Fleet Post Office, San Francisco, California. He wrote to the chapter in January from Shanghai and as yet has no idea of when he will be released to return to finish his undergraduate course.

BETA

KUMKE, CHARLES A., '06, field representative of the U.S. bureau of Mines at Tucson, Arizona, for some years, is joining the staff of the Bureau at Rifle, Colorado.

VARNEY, FRED W., '08, for twelve years general superintendent of the East Mindanao Mining Co. at Placer, Surigao, Philippine Islands, prior to the Japanese invasion, has returned to his home at 3720 Scott St., San Francisco, California. He served for three years with the Philippine guerrilla army on Mindanao. The East Mindanao installation was completely destroyed and no plans for resumption of work there have been made to date.

LONGAN, WALKER B., '09, who returned from Central America last summer, is now at Ouray, Colorado, where he is operating a lead-zinc property.

HOPKINS, HARRY HOWARD, '16, has his home at 732 Church Street, Flint, Michigan.

BEMIS, A. L., '11, is a Lt. Col. in the army.

FERRIS, A. L., '11, is at the Mina Bombona, Tuquerres, Narino, Colombia, South America, c/o Manuel Rosero I.

KLEPETKO, ERNEST, '11, has been elected chairman of the Utah section of the American Institute of Mining Engineers for the ensuing year.

KENDALL, ARTHUR, '17, who is general manager of the Magnet Consolidated Mines Ltd., in the Little Long Lac district of Ontario, Canada, is being addressed at Geraldton, Ontario.

FOUCAULT, JOHN JAMES, '22, is mine superintendent for the Cleveland-Cliffs Iron Co. in Coleraine, Minnesota.

LAWSON, W. C., '23, is now general superintendent of the Morenci, Arizona mines division of the Phelps-Dodge Corporation.

PRATT, J. C., '24, for many years with the Ingersoll Rand Co. has returned to Spain where he can be addressed in care of the company in Madrid, or at the main office, 111 Broadway, New York City.

SATTERLY, R. D., '25, has been made assistant general superintendent of mines by the Inland Steel Co. with headquarters in Iron River, Michigan.

WEED, HERBERT CARROLL, '25, has been appointed general superintendent of the Inspiration Cons., Copper Co., Inspiration, Arizona.

TONNE, LYLE P., '28, a consulting engineer, is starting out on his own, specializing in incineration, mining, metallurgy, and railroad engineering and operation. His address is P. O. Box 103, Detroit 21, Michigan.

TILTON, RUSSELL E., '32, wants his mail sent to 289 Garden Road, Columbus 2, Ohio.

ANDERBERG, R. C., '34, has moved and mail reaches him at 557 Pleasant St., SE., Grand Rapids, Michigan.

SANABRIA, JOHN MARSHALL, '34, should now be addressed in care of American Television Laboratories, 433 East Erie Street, Chicago 11, Illinois.

GAMMA

BENJOVSKY, T. D., '09, is engineer for the New Mexico Bureau of Mines & Natural Resources, Box HH, Socorro, New Mexico.

CONLEY, W. A., '19, has been made superintendent of the Aurora-Xichu Unit of the American Smelting and Refining Co. His new address is Cia, Minera Asarco, S. A., Aurora-Xichu Unit, San Luis de la Paz, Gto. Mexico.

FINKE, HARRY M., '21, Lt. Comdr., U.S.N.R., has been released from the service and can

be reached through Ingersoll-Rand Co., 11 Broadway, New York.

CONNERS, HUGH MURRAY, '22, remains in the army and is Lt. Col. at Ft. Leonard Wood, Missouri.

FOLLETTE, BRUCE BENEDICT, '22, is superintendent of the Coin Department, U. S. Mint in Denver and resides at 2345 Ash St., Denver 7, Colorado.

HERRON, JOHN C., '23, is assistant manager, Natural Gas & Gasoline Division, Shell Oil

- Co., and lives at 5280 East Broadway, Long Beach 3, California.
- SHERIGER, PAUL MAXWELL, '23, is now assistant sales manager, of the Sullivan Machinery Co., Michigan City, Indiana.
- TYLER, FRED L., '23, is division manager for the Reed Roller Bit Co., Los Angeles, Calif.
- DELAHUNTY, FRANK E., '25, who was liberated from Bilibid prison in February 1945, is back at Baguio with the Baguio Gold Mining Co. in the Philippine Islands. He wrote that the mill, power-plant offices and all other surface installations were either destroyed or carried away. He has a small crew and hoped to get underground soon to see what damage has been done.
- BUNTE, ARNOLD S., '26, is geological engineer for the Vickers Petroleum Co., Inc., Roswell, New Mexico.
- BOND, ROBERT ERNEST, '28, is engineer for the U.S. Public Roads Administration and lives at 2316 Grape St., Denver, Colorado.
- WELLS, JAMES R. W., '29, Captain, U.S.A., formerly a Jap prisoner and a member of the Bataan army, can now be addressed at P.O. Box 1912, University Center Station, Cleveland, Ohio.
- BAKER, CLAUDE LAURENS, '31, is technical representative for DuPont in Denver and lives at 1550 Eudora St., Denver, Colorado.
- BURRELL, IVAN G., '31, is with the Ohio Oil Co., Bridgeport, Illinois.
- MARSHALL, J. GILBERT, '31, engineer for the Socony Vacuum Oil Co. lives at 916 State Street, Augusta, Kansas.
- NYLE, HERBERT R., '31, is mill superintendent of the Swenson Milling Co., Mina, Nevada.
- JOHNSON, SHERMAN, '32, general superintendent of mines for Combined Metals Reduction Co. of Salt Lake City, has been appointed engineer in charge of metal sales for the company.
- PRESSETT, EUGENE, '32, formerly assistant superintendent for the Geneva Steel Co.'s mine, is now general superintendent of the mine of the Rock Asphalt Co. at 310 Dooly Bldg., Salt Lake City, 1, Utah.
- RUMP, JOHN S., '32, has a new residence address at 2685 Averill Avenue, San Pedro, California. He is associate mechanical engineer and supervisor of shipbuilding USN for the Ingalls Shipbuilding Corporation.
- HARRISON, ROBERT W., '33, Major, U.S.A., was awarded the Legion of Merit last year. He has now been released from the army and resumed his work as a petroleum engineer with the consulting firm of Boatright & Mitchell, Houston, Texas, 1906 2nd National Bank Bldg.
- JOHNSON, RALPH E., '33, has a new address at 2124 Broadway, Denver 2, Colorado, c/o MITCHELL, JAMES H., '36, Captain, U.S.A., is Sturgeon Electric Co., of which he is assistant manager.
- OSBORN, C. E., '33, is with Armco International, 1524 South Elizabeth St., Denver 10, Colorado.
- BRIERLY, KEPPEL, '34, Major, U.S.A., has been released by the army after serving over two years in Europe. He received the Bronze Star and the Norway Liberation Medal from the King. He is at home at 1378 Dexter St., Denver, Colorado.
- JEFFRIES, E. J., '34, Major, U.S.A., can be reached through APO 183, c/o Postmaster, San Francisco, California.
- MCCLURE, FRANK LEE, '34, is explosive technician for the E. I. DuPont de Nemours Co., 922 Midland Savings Bank Bldg., Denver, Colorado.
- WETZEL, NEVIN F., '34, Lt. Col., U.S. Engineers Corps, is a civilian again after entering the army in 1941 and serving several years in Burma-China area. He has become associated with his father, Walter N. Wetzel in organizing the Wetzel Equipment Agency in Salt Lake City, and Price, Utah, representing well known manufacturing firms of engineering equipment. Brother Wetzel lives at 1955 Michigan Avenue, Salt Lake City. He has the Bronze Star with Oak Leaf cluster.
- COLASANTI, JAMES, '35, Captain, U.S.A., who is head of the Denver office of the St. Louis Ordnance District, has changed his residence to 3925 Clay St., Denver, Colorado.
- HOFMANN, CASPAR, III, '35, is vice president of the Hofmann Mortuary Inc., 601 Broadway, Denver, Colorado. He lives at 3000 E. Seventh Avenue, Parkway, Denver.
- LABAR, FRANCIS PETER, '35, is engineer for the Union Pacific Coal Co. and lives at 112 L. St., Rock Springs, Wyoming.
- REED, GEORGE W., '35, now supervisor, Seismograph Corporation, resides at 247 Waverly Drive, Tulsa, Oklahoma.
- SCHMITT, OTTO L., '35, has returned from war work and resumed his position as assistant manager of Larre Laboratories in Denver. He announces the arrival of a daughter, Nance Faye, and that the family home is at 655 Vine St., Denver, Colo.
- TILZEY, MERVIN SHELLEY, '35, is laboratory assistant of the Colorado State Highway Department, and resides at 3118 N. Speer, Denver, Colorado.
- TRUE, CLYDE L., '35, Captain, U.S.A., is with the Engineer Troop Supply Office, Camp Claiborne, Louisiana.
- BRADLEY, RICHARD M., '36, is now geophysicist for the Cities Service Oil Co., 413 Masonic Bldg., Bartlesville, Oklahoma.

- Post Engineer, P. W. Camp, Ruston, Louisiana.
- SHARPE, C. L.**, '36, who was with the U. S. Gypsum Company in Chicago, is now works manager for the Canadian Gypsum Company, Ltd., Guelph, Ontario, Canada.
- PETERSON, EDMUND F., Jr.**, '37, is now mine superintendent for the Bolivian Tin & Tungsten Mines Corp., at Huanuni, Bolivia, S. A.
- SANDS, CHARLES DUDLEY**, '37, Major, U.S.A., is a civilian again and can be addressed c/o Ohio Oil Co., Hobus, New Mexico.
- SAWITZKE, HOWARD A.**, '37, Lieutenant Colonel, U.S.A., has been appointed Executive Officer in the Engineer Section of the X Corps. He has been overseas for some time and his present address is Hdq. 10th Corps, APO 310, San Francisco, Calif.
- JENKIN, GEORGE F.**, '38, T/4, U.S.A., is with Det. 4817 S.C.U., 8th SVC det. and can be addressed at P. O. Box 527, Santa Fe, New Mexico.
- MARSHALL, W. ADIN**, '38, released recently from the Army, returned to Victor, Colorado, where he is superintendent of the Vindicator Mine of the United Gold Mines Co.
- MOULTON, WESLEY GUNN, JR.**, '38, Major, Engineer Corps, has been released from the army and is now engineer at the Ajax Mine, of the Golden Cycle Corporation, Cripple Creek, Colorado.
- BLAIR, ROBERT J.**, '39, asks that mail be sent to him at Flat Creek, Alabama, where he is assistant general superintendent of mines, Debardeleben Coal Co.
- MCDONALD, HARLEY J.**, '39, is spending part of his terminal leave in Denver, 1170 Holly Street. Major McDonald was stationed overseas from October 1944 to November 1945. He is wearing the Pre-Pearl Harbor ribbon, American Theater, Asiatic-Pacific Theater, Philippine Liberation, and the Victory Ribbons.
- MILLS, EUGENE ARTHUR (Jimmy)**, '39, retired from the Air Corps with the rank of Captain and is now employed by the Riverside Cement Co. Mail should be sent to Route 4, Box 634, Riverside, California.
- PEDERSON, ELMER R.**, '39, Lt. (j-g.) U.S.N.R., NAO, is stationed at Fallbrook California. Mail should be sent to his home address at 446 Clark St., Fresno, California.
- CERT, CHARLES**, '40, is back from overseas and wants his mail sent to 3524 166th Street, Flushing, Long Island, New York.
- DOWLIN, DONALD H.**, '40, Major U.S.A., has been released from the service and can now be addressed c/o Valley Camp Coal Co., Ward, West Virginia.
- FILLO, PAUL V.**, '40, Captain, U.S.A., who was released from the service, is getting acquainted with his son, Paul Edwin, born July 15, 1944. The family is living at 636 North Spruce St., Kingman, Kansas.
- DEGOES, LOUIS, Ex '41**, Captain, U.S.A. hopes to return to college in the fall. Until further notice mail should be sent to him at 4660 Mascot St., Los Angeles, Calif.
- EDWARDS, F. CLINTON**, '41, Captain, U.S.A., an aviator who was released from German prison camp by the 3rd army, has now left the service and is assistant production engineer for the Honolulu Oil Corp., Box 492, Sundown, Texas.
- PARISH, CARMELO WILLIAM**, '41, is assistant to the superintendent of the Somers Mine Pittsburg Coal Co. and lives at 124 Price St., Belle Vernon, Pittsburg, Pa.
- FLYNN, REX, Ex '42**, formerly Major, U.S.A., plans to return to college to complete his education. He entered the army in 1941 with the rank of 2nd Lieutenant and saw service in the South Pacific, in Guadalcanal and New Guinea and in February 1945 was sent to Europe where he was stationed in France and Germany. He received the Bronze Star for meritorious services in the Solomons. At present he and Mrs. Flynn are at 265 N. Harrison, Littleton, Colorado.
- KIERSCH, GEORGE A.**, '42, formerly a Lieutenant, U.S.A., is a Teaching Fellow, University of Arizona, Tucson, Arizona.
- MCPHIE, ROBERT D.**, '42, Lieutenant, U.S.N.R., has been released from the navy and is now being addressed at 580 Franklin St., Denver, Colorado.
- BURFORD, ROBERT F.**, '44, Pvt. USMCR, is stationed with the Marines on Okinawa, and can be addressed c/o Fleet Post Office, San Francisco, California.
- CEDARBLADE, DONALD LEE**, '44, is a junior engineer with Shell Development Co., Emeryville, California. Address: 2708 College Ave., Berkeley, Calif.
- HEDLUND, THOMAS C.**, '44, Lieutenant (j-g.) U.S.N.R., is now with Air Group 38 in the Pacific. His address is VT 38, c/o Fleet Post Office, San Francisco, California. He is radio-radar officer of the group which is on normal patrol duty around Japan and the Chinese Coast.
- SHELTON, BERT JACK**, '44, is an exploitation engineer trainee with Shell Oil Co. and asks that mail be sent to him at 409 Tivoli Avenue, Ancon, Canal Zone.
- JOHNSON, FRANK L.**, '45, informed his friends of the birth of a son born August 18, 1945, and that the family resides at 2500 South Fillmore St., Denver, Colorado. He is a partner in the Denver Wall Panel Co.

DELTA

- KUZELL, C. R., '10, has become assistant general manager of Phelps-Dodge Corporation with headquarters at Douglas, Arizona. For many years he was smelter superintendent and general superintendent for United Verde Copper Co. at Jerome, Arizona. Likewise he is chairman of the Arizona section of the American Institute of Mining Engineers.
- KLOPSCH, OTTO ZWICKER, '22, is assistant to the President of Phelps-Dodge Copper Products Corporation, in New York City and lives at 49 Martindale Road, Short Hills, New Jersey.
- VAN HORN, KENT R., '26, who was head of Alcoa's chemical and corrosion division of the Aluminum Co. of America, will be chief of the Cleveland Division of Aluminum Research Laboratories, 2210 Harvard Avenue.
- PARR, JOHN BURT, '28, is manager of Ewell's Department Store, Blythe, California, and resides on North Palm Street, Blythe, Calif. Mail should be sent to P.O. Box 64, Blythe.
- SHANKLAND, ROBERT S., '29, has again resumed his position as head of the Physics Department at Case after three years doing research work for the Navy. Charles Smith, Jr., '37, is in the same department.
- ARTNER, R. O., '32, is manager of the Detroit Stockroom of the Cleveland Twist Drill Co. now located at 2929 East Grand Boulevard, Detroit 2, Michigan.
- KLEINBERG, LESTER R., '32, has his office at 609 S. Grand Avenue, Suite 1100, Los Angeles 14, California.
- JAMES, ROBB W., '34, informs us of his new address. It's now 3170 W. 160th Street, Cleveland 11, Ohio.
- SYMES, LESTER H., '43, who has moved to 15801 Corsica Avenue, Cleveland 10, Ohio, spends his working hours as structural engineer for Wilbur Watson Associates, in Cleveland.
- TINDAL, CHARLES H., '36, is now an assistant professor in research engineering at Penn State College, State College, Pennsylvania.
- SEEVER, WILLIAM, '38, is with the Pratt & Whitney Aircraft Co., Hartford, Connecticut. He reports that his son is over a year old now.
- SMALLWOOD, CHARLES, '42, T/4 U.S.A., who is in the South Pacific with the U.S. Corps of Engineers, announces the birth of Charles III, on June 23, 1945.
- ESTABROOK, RICHARD, '44, Captain, U.S.A., is on Okinawa and expects to be there some time yet. His address is 55th Reconnaissance Sq., IR Weather, APO 902, San Francisco, California.
- KOEPKE, EDWARD H., '44, with the Fifth Air Force in Tokyo, is busy teaching Plain and Solid Geometry and is in a class taking Business Law, also Psychology. He hopes to return to school at Case School of Applied Science.
- STIRGWOLT, TED, '44, Ensign, U.S.N.R., reports his address as U.S.S. Lewis Hancock DD 775, c/o Fleet Post Office, San Francisco, California.
- BENEDICT, T. SCOTT, '45, Ensign, U.S.N.R., was married October 6, 1945, to Miss Georgia Jeanette Bade, in Hollywood, Florida where he is stationed.

EPSILON

- DOUGHERTY, E. Y., '15, has charge of the field office of the U. S. Bureau of Mines at 509 Chronicle Bldg., Spokane, Washington.
- GEIS, WILFRID H., '16, has opened offices as a consulting petroleum engineer and geologist in the Security Bldg., 510 South Spring Street, Los Angeles, California.
- TRASK, PARKER D., '17, for many years with the U.S. Geological Survey is now head of the Department of Geology, University of Wisconsin, Madison 6, Wisconsin.
- RUSSELL, RICHARD J., '19, Past Grand Regent, announces the birth of a son, John Walter, on November 20, 1945. The family address is 426 State Street, Baton Rouge 13, Louisiana.
- SCHENCK, H. G., '22, Colonel, who is chief of headquarters natural resources section in Japan, says how well the Japanese eat during the coming year will depend on how wisely they use their scant fertilizer supply in putting in their crops during the next four months.
- SHENON, PHILIP J., '22, of the U.S. Geological Survey has returned to his home at 3355 Wellington Place, Spokane, Washington. For the past several years he has been on a geological mission for the Army in the South Pacific.
- PENNEBAKER, E. N., '24, for some years chief geologist for Consolidated Copper Mines Corp. at Kimberly, Nevada, left with his wife for South Africa to conduct a geological survey of the properties of the O'Okiep Copper Co., Ltd. which is controlled jointly

- by the Newmont Mining Corporation and the American Metal Co. Ltd. It is one of the largest of the South African copper producers. The Pennebakers expect to be in Africa for a year. Address: Nababeep Nomaqualand, Union of South Africa.
- ROTT, EDWARD H., '25, has a new mailing address at 1628 21st Street, N.W., Washington, D. C.
- GARDNER, DION L., '29, who, prior to the war, had been geologist for the Marsman Co., Paracae, Camarines Norte, Philippine Islands, and was an internee at Santo Tomas during the war years, now serves as engineer and secretary of the Orange County Water District at Santa Ana, California, where he has offices at 222 Ramona Bldg. He is engaged also in private work in mining and geology.
- MCQUISTON, F. W., JR., '29, is now at Ouray, Colorado, with the Idrado Mining Co. He was formerly with the Empire Star Co. in Grass Valley, California, another Newmont subsidiary.
- SNEDDEN, ALFRED, '33, was transferred from Superintendent of Trench Unit, Patagonia, Arizona to Superintendent of Ground Hog Unit, Vanadium, New Mexico.
- HOGLE, JAMES EDWARD, '33, member of the firm of the J. A. Hogle & Co. in Salt Lake City, lives at 1376 Arlington Drive, Salt Lake City, Utah.
- POE, JOSEPH HERBERT, '36, is Eastern Division Engineer, Socony Vacuum Oil Co. of Venezuela, Caracas, Venezuela, Apartado 246.
- SMITH, ROSCOE M., '36, is living in Yerington, Nevada, where he is a mining engineer.
- THOMPSON, WILLIAM L., '36, gives his mailing address as 1267 Ruberta Street, Glendale 1, California.
- CLOUGH, WILLIAM JAMES, '37, Major U. S. Engineer Corps, wants mail sent to him c/o Federal Mining & Smelting Co., Silverton, Idaho.
- NELSON, DONALD OLIVER, '37, is geologist for the Texas Co. Apartado #877, Bogota, Colombia, South America.
- WHEELER, EDWARD M., '38, Lt. Comdr. U.S.N.R., has been stationed at the Naval Petroleum Reserve, Elks Hills, California, but at last accounts expects discharge early this year.
- CATHCART, JAMES B., JR., '39, is stationed at Treasure Island, California, with the radio technician's training school. While with the U.S.G.S. he met and married an Arkansas girl; they have a young daughter, Janet, and that's all we know about him.
- LANDRETH, THOMAS C., Ex '40, who was captured on Wake Island in December 1941 and spent some years in a Japanese prison camp, has returned to college and is living at 2220 Dwight Way, Berkeley, California.
- METZGER, GRANT W., '40, Major U.S. Marine Air Corps, is a civilian again and working for Phelps-Dodge Co. in Morenci, Arizona. Mail should be sent to P.O. Box 569 Morenci. He announces the birth of Grant William, Jr., on December 11, 1945.
- THOMAS, BLAKEMORE E., '40, should be addressed as follows: Capt. B. E. Blakemore, 0856388, Base Weather Station, Hamilton Field, California.
- BURTCHELL, EDWARD P., '42, asks that his mail be sent to 763 Crogmont Avenue, Berkeley 8, California.
- GREENLEE, DONALD EVERETT, '42, is geologist for the Shell Oil Co., and asks that mail be sent to him at P.O. Box 999, Bakersfield, California.

ZETA

- BROWN, WILLIAM EUGENE, '15, is with the Long Construction Co., 906 Grand Avenue, and lives at 209 West 67th Terrace, Kansas City, Missouri.
- TEMPLIN, ARTHUR WELLINGTON, '16, is chief draftsman for the Builders Steel Co., in North Kansas City, Missouri and lives at 3445 Coleman Avenue, Kansas City, Missouri.
- SCHANZE, AUGUST E., '23, Colonel in the regular army, is assistant chief of staff, 8th Army Headquarters, Japan.
- McGEE, DEAN, '26, is vice president of the Kerlyn Oil Co., Oklahoma City, Oklahoma.
- BOEHM, EDWARD ALBERT, '32, is with the Merchants Delivery Co., 1710 Washington, and resides at 620 S.W. Blvd., Kansas City, Missouri.
- MAGRUDER, H. W., '33, should now be addressed in care of General Electric Co., 1801 N. Lamar Street, Dallas 2, Texas.
- DWYER, THEODORE PAUL, '34, has moved from 1624 Holman Apt. #8, Houston 4, Texas, to 6812 Logan Lane, Overland Park, Kansas, c/o H. B. Hindson.
- KINDSVATER, KARL EDWARD, '35, was honored by the American Society of Civil Engineers by receiving the Collingwood Prize for his paper "The Hydraulic Jump in Sloping Channels." He is associate professor of Civil Engineering at Georgia School of Technology.

MILLER, HOWARD E., '35, Captain, U.S.A. is stationed at Ft. George G. Meade, Maryland.

SMITH, JAMES W., '35, has a change of address from 2230 Nebraska, Kansas City, Kansas to 1801 S. Elizabeth, Wichita, Kansas.

GRIST, JOHN WESLEY, '37, was transferred from Houston by the Worthington Pump & Machine Co., to 810 Dwight Bldg., Kansas City, Missouri.

GAMBER, JESSE E., '39, Captain, U.S.A., is out of the service after two years and is employed by Bloch, Sivalls, & Bryson in Kansas City, Missouri. The family home is at 3004 South Chrysler, Independence, Missouri.

JANZEN, HERMAN, '39, and his family have moved to their new home on Lake Shawnee, Route 1, Topeka, Kansas.

WILLIS, CLIFFORD LEON, '39, should be addressed at 118 South Highland Street, Chanute, Kansas.

BROCK, FRANK C., '40, has a job in the testing laboratory of Wright Aeronautics in Paterson, New Jersey and lives at Point

View Place, Mountain Lakes, New Jersey.

ARBUCKLE, THOMAS E., '41, is out of the army and presently employed by the Southwest Grain Co., Hutchinson, Kansas.

BAER, CHARLES JOHN, III, '41, who was a Captain in U.S. Army, is now teaching in the College of Engineering, University of Kansas, Lawrence, Kansas. His home is at 936 Kentucky Street, Lawrence.

FORSYTH, SAMUEL E., '41, Lieutenant, U.S.A., should be addressed at 930 Ohio Street, Lawrence, Kansas.

DOMINGO, FRANCIS, '42, Captain, Corps of Engineers, U. S. Army, gives his mailing address at 1605 Harrison Street, Topeka, Kansas.

PAULETTE, CHARLES H., '44, Lt. (j.g.) U.S.N.R., is now stationed on Marcus Island as beachmaster. His mailing address is 51st Naval Construction Battalion, c/o Fleet Post Office, San Francisco, California. Mrs. Paulette is at the Area Rent Control office in Great Bend, Kansas.

PROUTS, JOHN O., '45, is with Westinghouse in Philadelphia, Pennsylvania, and lives at 1520 Lincoln, Prospect Park, Pennsylvania.

ETA

BROTHERTON, W. H., '14, has a new home at 4418 Coles Manor, Dallas, Texas.

HUFF, THOMAS H., '15, now has his own firm, Management & Research Inc., in Philadelphia and Upper Darby, Pennsylvania. They have been exceedingly busy in aircraft engineering work as well as acting as managers of the Pennsylvania Aircraft Works Parts Co. in Upper Darby.

LEONARD, RICHARD, '17, is now president of United Chromium Inc.

BROKAW, CHARLES, '22, has been released from the armed forces and is back at 1 South Downing Street, Denver, Colorado. He was a Lt. Col. in the army and participated in

the Mindanao campaign. He was awarded the Bronze Star by General McArthur and the Air Medal.

CARPENTER, DONALD F., '22, has been elected vice president and assistant general manager of Remington Arms, Inc.

DAVIER, MAURICE, '27, has been made manager of planning by Johns-Manville Corporation.

ACKERMAN, GILBERT JOHN, '28, is operating manager of the American Mail Line Steamship Company, 740 Suart Bldg., Seattle, and resides at 2504 42nd Avenue West, Seattle, Washington.

THETA

SPENCE, MALCOLM C., '24, has been elected to the administrative board of the Horace Mann School for boys in New York City.

HOWELL, HENRY W., JR., '26, is vice president in charge of management, Cushman & Wakefield, Inc., New York City, and can be addressed at 25 East 77th St., New York City.

SHERMAN, HENRY A., '27, has been promoted to Lt. Comdr., U.S.N.R., and is stationed in Jacksonville, Florida.

DICKSON, ROBERT B. B., '30, was recently elected president of the Dickson Weatherproof Nail Co., Evanston, Illinois. He was the delegate from Theta to the 1927 Convention.

JENKINS, GEORGE F., '33, is employed by the Carbide & Carbon Chemicals Corp. in South Charleston, West Virginia. His home is at 207 Sheridan Circle, Charleston 4, West Virginia.

BOSE, JOHN HENRY, '34, for some years has

- been doing experimental work in radio and is development engineer for Edwin H. Armstrong, Philosophy Hall, Columbia University. His residence continues to be at 110 Claremont Avenue, New York.
- DUMARESQ, JOHN E., '37, has resumed his practice of patent law with the firm of Hoguet, Neary & Campbell, 90 Broad Street, New York City.
- HUGHES, CHARLES VON ODEN, '37, is a civilian again and now Plant Superintendent for the Great Lakes Carbon Corporation, Waltheria, California.
- BARTON, JAMES, '38, is now with Eastman Kodak, Rochester, New York.
- BENDLER, ALBERT J., '38, announces the birth of a son, David Francis, September 20, 1945.
- BRITZ, NORMAN CHARLES, '38, is still connected with the International Nickel Co. as a metallurgical engineer. He is the father of two daughters—Ellen, 4 years, and Barbara, 1½ years old. The Britz's home is at 330 Walnut St., Huntington, West Virginia.
- COUGHLIN, WILLIAM B., '38, has moved to 2745 Atlantic Avenue, Cincinnati 9, Ohio.
- SHEEHAN, WILLIAM M., '38, again a civilian, can be addressed at 10702 86th Avenue, Richmond Hill, New York.
- HOFFMAN, WILLIAM J., '39, is a civilian again and mail for him should be sent to 1067 Arlington Avenue, Plainfield, New Jersey.
- OZIMEK, HENRY P., '39, is a chemical engineer for Merck & Co. Research Division, New Jersey.
- GREEK, ROBERT W., '40, has been promoted to Lieutenant, U.S.N.R., and was last reported to be with a Commander Training Group overseas.
- MAACK, WALTER F. W., '40, has been released from the armed services and can be addressed at 190 West Main Street, Pennsgrove, New Jersey.
- SNARELY, CLOYD A., '41, former Naval Lieutenant, has won a research fellowship at Battelle Memorial Institute in Columbus, Ohio, and is studying for a doctor's degree at Ohio State University where he is registered in the University's Graduate School. He is a metallurgist and will study the structure and properties of electrodeposited chromium. His home address is 1108 Tremont Ave., S.E., Massillon, Ohio.
- BOGARDUS, ROBERT KENT, '42, has been released from the armed services and can be addressed at 537 53rd Street, Brooklyn, New York.
- FEIERABEND, RAYMOND H., '42, announces the birth of a daughter, Jane Freeman, August 29, 1945.
- LAXAR, FRANCIS H., '43, is engineer with the White Metal Rolling & Stamping Corporation, 376 Lafayette Street, New York City.
- HELM, JOHN, '43, is now project engineer for Aero Manuscripts, Inc., 101 Park Avenue, New York City.
- HIGGINBOTTOM, SAMUEL L., '43, was promoted to Captain AAF, last fall.
- LEON, ALEXANDER SAENZ, '43, is machine division manager for the M. Castellvi Co., 150 Broadway, New York. Home is at 15 Algernon Street, Firthcliffe, New York City.
- SPIROU, ARTHUR, '44, radio technician 3/c, has been assigned to a repair unit in the Admiralty Islands and says it is quite cool compared to New Guinea.
- D'ANNUNZIO, J. C., '46, who was at 1003 Hartley Hall, Columbia University, New York City, is now at 514 Parkway Avenue, Trenton 8, New Jersey.

IOTA

- STIFEL, CARL G., '16, is president of the Pocahontas Mining Co., with offices at 415 N. 8th St., St. Louis 1, Missouri.
- HOUSEHOLDER, CARL ROSS, '17, Major, who has been a specialist staff officer in Solid Fuels and Mining Section of G-4, Division in Supreme Headquarters Allied Expeditionary Forces since January 1, 1945, until SHAEF folded in July, was then with the Office of Chief Engineer. By now he has probably found a way to return to Kingman, Arizona where he maintains a Consulting Engineer office.
- SMILEY, V. X., '19, is construction engineer for the Illinois Division of Highways and receives his mail at P.O. Box 365, Dixon, Illinois.
- SWAYZE, RONALD O., '20, is assistant manager of the Rocky Mt. District, General Petroleum Co., 415 Cons. Royalty Bldg., Casper, Wyoming.
- BEYER, DANIEL C., '20, formerly of Grants Pass, Oregon, is now manager of the Livengood Placers, Inc., a large gold dredging operation at Livengood, Alaska.
- FREY, MUEK L., '23, is now staff metallurgist for Allis Chalmers Manufacturing Co., in Milwaukee, but lives at 6419 W. Wisconsin Avenue, Wauwatosa 13, Wisconsin.
- TEVIS, CHARLES C., '23, is now living at

- 1604 A Jefferson Heights, Jefferson City, Missouri.
- MCBRIDE, HOLLIS E., '25, has moved to Bateville, Arkansas.
- RATHBONE, STUART M., '25, lives at 1812 Sherman Ave., Evanston, Illinois.
- SHIRE, LEO E., '25, has been transferred to the Export Sales Division, Beech Aircraft Corp., Wichita 1, Kansas. His present home is at 5119 East English, Wichita 8, Kansas.
- CRAIG, SAMUEL E., '26, Lieutenant, U.S.A., is with the 1399th Engr. Const. Bn., APO 957, c/o Postmaster, San Francisco, California. His family remains in Salt Lake City, Utah at 1270 Laird Avenue.
- GAMMETER, ERWIN, '26, who resides at 1637 S. 16th Street, Maywood, Illinois, works for the Paul Weir Co., 307 N. Michigan Avenue, Chicago, Illinois.
- HERDER, HOWARD A., '26, gives his address as 375 Argyle Avenue, Elmhurst, Illinois. Brother Herder is fuel engineer for the Sahara Coal Co., 19 East Van Buren St., Chicago, Illinois.
- KENNEDY, DANIEL, '26, Lt. Col. U.S.A., returned last fall after serving 17 months with the 3rd Army under General Patton. He has five battle stars, the Bronze Star, and the Legion of Merit, and also the Purple Heart with cluster received from World War I. He is now connected with the army mapping service of the Corps of Engineers in Washington, D. C. Home is at 1818 Vichy Road, Rolla, Missouri.
- CUSHING, EDWARD R., '27, is with the Celotex Corp., 120 S. LaSalle St., Chicago 3, Illinois and lives at 909 Elmwood Avenue, Evanston, Illinois.
- MCCAW, ROBERT F., '27, announces the birth of a son on December 14, 1945. The McCaws live at 1608 Sherwin, Chicago, Illinois.
- HERMAN, THEODORE, '28, has been appointed manager of claims for the Bethlehem Pacific Coast Steel Corp. He has been with the Bethlehem company in various capacities since his graduation. Headquarters for the firm are at 3391 East Randolph St., Los Angeles, Calif.
- MACHIN, WILLIAM B., '28, Captain, U.S.A., was last reported at Camp Claiborne, Louisiana but mail should be sent to his home now at 2104 Minor St., Ft. Wayne, Indiana.
- MCCOREY, GEORGE T., '29, is engineer for St. Joe Lead Co., at Rivermines, Missouri. His permanent address is Eldon, Missouri.
- RUCKER, BOOKER H., '30, is the proud father of twin sons born on September 5, 1945. They have been named William Hall and John Overton. The Ruckers' live at W. A. Street, Joplin, Missouri.
- FREWER, JOSEPH F., '31, is now living at 4227 Cleveland, St. Louis 10, Missouri.
- HEILIG, E. W., '31, Lt. Col. U.S.A., is in command of the 341st Engineer Regiment, (GS) APO 350, c/o Postmaster, New York City.
- SCALLY, JOSEPH E., '31, having been released from the armed services, has returned to his home at 4055 Humphrey St., St. Louis 16, Missouri.
- WARE, WALTER J., '31, has a new address. It's now 8540 Grant St., Overland Park, Kansas.
- WILLIAMS, REX Z., '31, member of the faculty at Missouri School of Mines, announces the birth of a new son, Mark Hinton, born November 8, 1945.
- WILSON, LOREN A., '31, Major, U.S.A., asks that mail be sent to Box 266, Crane, Missouri.
- ANDRES, OTTO MILTON, '32, is now engineer for the Navy Department Material Disposal Office in St. Louis, Missouri and lives at Smithton Road, Belleville, Illinois.
- HAPPY, ALBERT W., '32, is now planning to enter the University of Michigan to obtain a Master of Science degree. His home is at 319 Washington St., Jefferson City, Missouri.
- MALLOY, STEVEN W., '32, has been discharged from the navy and is working for the U. S. Bureau of Mines station of Rolla, Missouri. Address: 620 Main St., Joplin, Missouri.
- HELMKAMP, ARTHUR RUDOLPH, '33, who lives at No. 3, Heiken Court, Yuba City, California, is with the U.S. Engineers in Marysville, California.
- HESSE, ALFRED HENRY, '33, chief research metallurgist for the R. Lavin & Sons, Inc., in Chicago, lives at 604 South 10th Avenue, La Grange, Illinois.
- IRWIN, WALTER J., '34, now lives at 3203 Halliday Avenue, St. Louis, Missouri.
- KOZENY, EDWARD C., '34, lives at 6212 Odell St., St. Louis 9, Missouri.
- HOLTMAN, LOUIS W., '35, is with the Shell Oil Co. and resides at 123 Eighth St., Woodriver, Illinois.
- KNOLL, R. J., '35, Major, U.S.A., was last heard from while on Okinawa doing construction work. He is with the 174th Engineers Construction Battalion, APO 901, c/o Postmaster, San Francisco, California. Home is at 310 Bellerive Blvd., St. Louis, Mo.
- BOCHENEK, ALFRED FELIX, '37, is a staff member of the American Society of Mechanical Engineers, 20 West 39th St., New York, 18. Brother Bockenek lives at 879 Springfield, Avenue, Summit, New Jersey.

- DONNELLY, WARREN LLOYD, '37, is plant superintendent of the Corundum Division, Linde Air Products, East Chicago, Indiana, and resides at 6734 Wicker Avenue, Hammond, Indiana.
- CORNETT, ROY C., '38, Lieutenant, U.S.A., is with the General Staff Class 450-7 Kearney, Ft. Leavenworth, Kansas. Lt. Cornett's permanent address is 419 Liberty St., Webb City, Missouri.
- LANIER, EUGENE B., '38, Major, U.S.A., is in the 3233rd Engr. Service Battalion, APO 513, c/o Postmaster, New York City. His home address is 3019 South Buchanan, Arlington, Virginia.
- LEGRAND, JESSE S., '38, is now at 16 Lloyd Court, Nutley, New Jersey.
- McCLOSKEY, JOHN R., '38, has moved to 304 E. 13th St., Baxter Springs, Kansas.
- MUELLER, FRED MARION, '38, Lieutenant, U.S.N.R., in the Seabees gives his mailing address as P.O. Box 24, Adrian, Missouri.
- PHILLIPS, ALBERT ARTHUR, '38, Lieutenant, U.S.A., should be addressed at 210 Walnut St., Rolla, Missouri.
- SEIBEL, ROBERT CHARLES, '38, is an electrical engineer for Westinghouse Electric & Manufacturing Co. in East Pittsburgh, Pennsylvania. Home is at 508 South Avenue, Wilkensburg, Pennsylvania.
- LIVINGSTON, ROBERT G., '39, Captain, U.S.A., has been released from the armed forces after several months overseas and is residing at 302 West 10th St., Rolla, Missouri.
- OBERBECK, WILLIAM F., '39, Captain, U.S.A., after 39 months overseas, 16 in Alaska, and 23 in Europe, is now home at 415 Greenfield Drive, St. Louis, 4, Missouri.
- RHODES, ALMON E., '39, is out of the service and sends his address as follows: 14 Sunset Ridge, Littleton, Colorado.
- LAMBELEY, LAWRENCE EMILE, '40, Ensign, U.S.N.R., at last reports was stationed in Washington, D. C. He gives his permanent mailing address as 1024 Morrell Avenue, Rolla, Missouri.
- RAKASKAS, JOE, '40, Major, U.S.A., has been released from the army and is now at home 9 Redwood Avenue, Patterson, New Jersey.
- STURGES, H. D., '40, was elected chairman of the Cincinnati chapter of the American Society for Metals for the ensuing year. Brother Sturges is with Wright Aeronautical Corp. and resides at 945 Congress Avenue, Glendale, Ohio.
- TUCKER, NORMAN P., '40, Major, U.S.A., is stationed at Fairmont AAF and lives at 1206 Elm St., Geneva, Nebraska.
- BRUNE, ARTHUR W., '41, Lieutenant, U.S.A., has been released from the service and is taking graduate work at M.S.M. He had been overseas for two years. Brother Brune gets his mail at 1002 Elm St., Rolla, Missouri.
- EISMAN, WILLIAM, '41, Sgt., U.S.A., gives his address as Battery B, 2FA, Obsn. Bn. APO, 758, c/o Postmaster, New York City.
- FICK, ARMIN F., '41, Major, U.S.A., was recently awarded the Bronze Star. He is now stationed with the 6800th Engineers in Wiesbaden, Germany, APO 717, New York City. His home address is 4406 Clarence Ave., St. Louis, Missouri.
- FIELDS, ROBERT EDWARD, '41, who gets mail addressed P.O. Box 1792, Odessa, Texas, spends his working hours for the Atlantic Refining Co., Magnolia Building, Dallas.
- HACKER, ALDEN G., '41, Major, U.S.A., has been released from the army and can be addressed at 4527a Harris St., St. Louis, Missouri.
- JAMES, HENRY, '41, is now with the Ralston Purina Co. engineering department and can be addressed at his home, 5237 Cates Avenue, St. Louis, Missouri.
- KYLE, FRANK KENNETH, '41, is with Burns & McDonnell Engineering Co., and lives at 4201 Locust St., Kansas City 4, Missouri.
- STEVENS, HARVEY C., '41, Lieutenant, U.S.A., gives his address as APO 534, c/o Postmaster, New York City, 49th Bomb Sqdn., 2nd Bomb Group. His home is at 710 S. Ohio, Sedalia, Missouri.
- KING, WELBY M., '42, announces the birth of a daughter, Delores Lucille, born June 5, 1945. Brother King is with the Lefin Metals Corp., Monsanto, Illinois, and lives at 5387 Pershing Avenue, St. Louis, Missouri.
- LOESING, VERNON T., '42, Major, U.S.A., and Miss Elizabeth Philmore Edwards were married on September 14, 1945 at Greenboro, North Carolina. Brother Loesing entered the army through the Engineer Reserve Corps after graduating and has spent some months overseas where he won the Bronze Star with one Oak Leaf cluster. He has been discharged from the service and can now be addressed at R.R. 10, Box 867, Ferguson, Missouri.
- RUEFF, HAROLD, '42, Lt. Comdr., U.S.N.R., was married on November 4, 1945 to Miss Evelyn Alma Rossman at the Great Lakes Naval Base, Illinois. Brother Rueff plans to return to M.S.M. after his discharge from the navy. Mail should be sent to his home at 5863 Maple Ave., St. Louis, Missouri.
- STOWELL, ROBERT L., '42, Ensign, U.S.N.R., gives his present address as CBMU 573, c/o Fleet Post Office, San Francisco, California.
- WOLFF, LEONARD C., '42, is now getting his

- mail at 7351 Flora Avenue, St. Louis 17, Missouri. He was a Lieutenant (j.g.) U.S.N.R.
- KASTEN, RAYMOND O., '43, wants his mail sent in care of the Union Wire Rope Corporation, 21st and Manchester, Kansas City #3, Missouri.
- McMATH, ROBERT P., '43, Lieutenant, U.S.A., was married in Washington, D. C. on September 19, 1945, to Miss Virginia Adkins of Fredrick, Maryland. He graduated as a mechanical engineer and spent a year overseas. His present address is 615 Newport Avenue, Webster Groves, Missouri.
- MOONEY, KENNETH H., '43, 1st Lt., U.S.A., is in Schwetzingen, Germany. Home address: 4111w Rossalie St., St. Louis, Missouri.
- RADAVICK, FREDERICK J., '43, Pvt. U.S.A., #31104639, is stationed at Aberdeen, Maryland, 2nd ETC. No. 937.
- SPINNER, LEO G., '43, is stationed at Camp Bowie, Texas. His home address is 1411 Durham St., Brownwood, Texas. Brother Spinner is a Lieutenant in Uncle Sam's Army.
- STUDEBAKER, DONALD J., '43, has been discharged from the army and is at home in Humansville, Missouri.
- MILLER, GEORGE J., Ex '44, Sgt. U.S.A., is with the Engineers Administration Section, Hq. 7th Army, Western Military District, APO 758, c/o Postmaster, New York City.
- PROESSER, ALAN P., '44, is in the Navy stationed at the USNTC, Great Lakes, Illinois. His home address is 645 Simmons, Kirkwood, Missouri.
- SIMONS, SANFORD L., '44, T/5 U.S.A., can be addressed as S.E.D. Box 180, Santa Fe, New Mexico.
- STALEY, GLENN LAMB, '44, is in the Navy, Seaman 2/c, USNAB Navy 939, Hut 166, c/o Fleet Post Office, San Francisco, California, but mail should be sent to his home now at 4434 South 37th St., St. Louis, Missouri.
- RANKIN, ROBERT, '45, was promoted to the Chief Engineer's Office as Estimator with the St. Louis Southwestern Ry. Lines. His personal address is P.O. Box 611, and his business address is Chief Engineers Office, 426 Spring St., Tyler, Texas.
- RAY, ROBERT L., '45, is in Yokosuka, Japan. He hopes to return for graduate work at M.S.M. He completed two years at Rolla and then was sent to Illinois under the Navy V-12 program and completed his work for his degree in metallurgy at Illinois.
- SPARLIN, B. J., '45, is living at 719 College Ave., Morgantown, West Virginia, and is teaching at the University of West Virginia.
- JONES, RAYMOND B., '46, FREDERICK R. RICHARDSON, '46, and PAUL M. BENNETT, '47, were selected by a faculty committee to receive Scholarships from the James Foundation. Six such scholarships were awarded to students at M.S.M. last fall and thus three were given to members of Iota Chapter.
- REILLY, JOHN G., Ex '47, Pvt. U.S.M.C., Co. A 80th Repl. Draft, c/o Fleet Post Office, San Francisco, Calif., is the son of John H. G. Reilly, Iota '17, and mail should be sent to Apartado 3, Pachuca, Hidalgo, Mexico.

KAPPA

- NAGEL, CHARLES AUGUST, '19, lives at 7111 West Wells, Milwaukee, Wisconsin.
- MILLER, CLIFTON WARNER, '20, is District Manager of the Sullivan Machinery Co. 30 Church Street, New York City, and resides at 108 Crescent Avenue, Plainfield, New Jersey.
- BULLEY, ALLAN E., '22, is vice president of Bulley & Andrews, General Contractors, 2040 W. Harrison, Chicago, Illinois, and lives at 220 Sheridan Road, Kenilworth, Illinois.
- STRIKE, CLIFFORD S., '24, president of the F. H. McGraw Co., Hartford, Connecticut, has been chief of the building materials and housing branch, Economic Division, U. S. Group Council for Germany. His job was the supervising of construction by the Germans themselves of temporary living quarters for 11 million people who were without shelter of any kind. He also has directed the building of water and sanitation systems.
- NIEMAN, ARTHUR R., '29, formerly assistant general manager of the Swan Island shipyard of the Kaiser Co., Inc. near Portland, has incorporated the general contracting firm of Nieman Company, Inc., Vancouver, Washington.
- SCHUBERT, ALVIN E., '30, has been promoted to the position of superintendent of Rekordat and special products with the Eastman Kodak Co., Rochester, New York.
- JOHNSTONE, DON, '31, Comdr., U.S.N.R., formerly on the faculty at Ohio State, is the officer in charge Advance Base Depot, Gulport, Mississippi.
- LUCKMAN, CHARLES, '31, is now executive

vice-president of Lever Brothers in Boston. KOWITZ, ARTHUR W., '32, is back again at his old job with the Soil Conservation Service, with headquarters in White Hall, Illinois.

BARBER, HARRY ASHLEY, '33, is vice president and director of Barber-Greene Manufactur-

ing Co., Aurora, Illinois, and resides at 1346 Carfield, Avenue, Aurora.

MONNIER, CHARLES STANLEY, '38, Lt. Col., U.S.A., has been returned to civilian ranks and is engineer with the U.S. Public Roads Commission. His home is in Tremont, Illinois.

LAMBDA

HAYWARD WILLIAM GAMMON, '18, is a civil engineer with the National Park Service and lives at 536 Quintana Place N.W., Washington, D. C.

YOUNG, MARSHALL, '18, superintendent of the Bureau of Reclamation has been transferred to Chico, California, to supervise operation and maintenance in the Sacramento Valley District.

BONNER, JAMES T., '20, has moved to Downieville, California, where he receives mail at P.O. Box 109. He formerly was located at Home, Oregon and is a mining engineer.

WINN, JOHN RODNEY, '23, is employed by the Tin Processing Corporation, Texas City, Texas, as smelter superintendent. Brother Winn's correspondence can be addressed to him at 5006 Avenue P., Galveston, Texas.

BRADFORD, ROBERT D., '24, manager of the El Paso smelter of the American Smelting & Refining Co., was recently elected chairman of the El Paso section of the American Institute of Mining Engineers. His most convenient mailing address is P.O. Box 1111, El Paso, Texas.

SAMPSON, JOHN H., JR., '24, Colonel in the regular army field artillery was awarded the Croix de Guerre with Palm, the Bronze Star and the Legion of Merit.

CHRISTENSEN, ANDREW LEE, '25, is geologist for the Utah Construction Co., Salt Lake City, Utah.

TERRY, IRA ANDERSON, '25, has been appointed Works Engineer of the Ft. Wayne Division of the General Electric Co. in Ft. Wayne, Indiana.

JONES, GEO. M., '28, returned to civil life from the Navy last fall and became sales manager of the Landes Machinery Co., 171 West South Temple Street, Salt Lake City.

McLESSE, ROY WALLACE, '30, is chief engineer of the Utah State Road Commission, and resides at 1248 Laird Avenue, Salt Lake City, Utah.

AHLF, AUGUST LOUIS, '34, was honored by the American Society of Civil Engineers by receiving the Alfred Noble Prize, The Engineering Societies Joint Award. He is with the U. S. Bureau of Reclamation in Denver, Colorado, where he resides at 1851 Oneida Street.

KASTLER, JOHN IRVINE, '34, is engineer for The U.S. Bureau of Mines in Salt Lake City, Utah, and lives at 4942 Cottonwood Lane, Salt Lake City.

KENNARD, MAX, '34, plant engineer at the Piche Mines has been appointed general superintendent of mines for Combined Metals Reduction Co. of Salt Lake City.

GREENE, HAROLD FREDERICK, '35, Lt. Col., U.S.A., is stationed at Ft. Monroe, Virginia, but has been making an extended visit in Salt Lake City with his wife's parents, Mr. and Mrs. DeVoe Woolf, 79 P Street.

TOWER, DELL KNIGHT, '37, has moved from R.D. Darby Road, Newton Square, Pennsylvania to Verbank Road, Millbrook, New York.

MORGAN, RAY, '39, is with General Electric Co. in Los Angeles.

SHILLING, ROBERT W., '39, who was with Phelps Dodge in Arizona, has joined the Navy and by this time has probably gone overseas. His home address is 1401 Sigsbee Avenue, Salt Lake City, Utah.

WILSTED, HAROLD DEAN, '39, wants his mail sent to him at 65 French St., Berea, Ohio.

WEYER, ROBERT H., '40, has been released from the army, and should now be addressed at his home 1498 West 8th South, Salt Lake City, Utah.

VARNEY, CHARLES RAYMOND, '43, Ensign, CEC, U.S.N.R., can be reached at 908 South 11th East, Salt Lake City, 5, Utah.

McKEEHAN, MACLYN, '47, transferred from Upsilon chapter and affiliated with Lambda where he is now an active member.

MU

PALLISTER, HUGH, Honorary, has completed his work with the U.S. Bureau of Mines and is now on the staff of the University of Alabama to do research on the iron and steel industry in the southeast.

JONES, CARL T., '29, Col. U.S.A., has been released from the service and is back in his old position as engineer for G. W. Jones & Sons, Huntsville, Alabama. While in the service he was with the 151st Combat Engineers in Alaska and became chief of staff of the Kiska Task Force. Later he was sent to the ETO as deputy chief of staff with the XIX Corps and served in Normandy and through France to the Rhine. He was awarded the Legion of Merit, the Bronze Star, the Croix de Guerre with Palms, the Legion of Honor by General De Gaulle himself.

CLARK, DANIEL, '25, is now employed by the U. S. Bureau of Reclamation. Brother Clark is an engineer in the Electrical Design Section. His home address is 210 East 10th Avenue, Apartment 17, Denver 3, Colorado.

HURT, CECIL A., '30, Lt. Col. U.S.A., should now be addressed at 10 Ridgeway Road, Chattanooga, Tennessee.

EVANS, ROBERT E., '31, gives his home address as 4320 Chester Drive, Youngstown 7, Ohio.

TERRY, ALLEN L., '32, Major, U.S.A., should be addressed at P.O. Box 199, Selma, Alabama.

BOWERS, WILLIAM FREDERICK, JR., '33, received his B.S. in Civil Engineering at the University of Pittsburgh in 1936. He is assistant general superintendent of Rotary Electric Steel Co., 21400 Mound St., Detroit, Michigan, but mail should be sent to 361 Covington Drive, Detroit 3, Michigan.

HALL, KEITH W., '33, gives his mailing address as 1731 Gilbert Road, Toledo 9, Ohio.

TEAGUE, ROBERT L., '34, who resides at 3525 Stanford, Dallas, Texas, works for the American Cast Iron Pipe Co. in Dallas, Texas, as a representative.

MACKEY, JACK W., '35, who is with the Alabama Cast Iron Pipe Co. of Birmingham, wants his mail sent to his home at 1500 27th Street, Ensley, Alabama.

TRAMMELL, WILLIAM H., '35, has moved from Columbus, Ohio to 4433 Calmont, Fort Worth, Texas.

ATKINSON, CLIFF, JR., '36, Lt. Col., U.S.M.C., has received the Legion of Merit for services on Guadalcanal, New Georgia, Tarawa, Saipan, and Tinian. Mail should now be sent to him at 814 17th Avenue, Tuscaloosa, Alabama.

DANIEL, KENNETH R., '36, Lt. Col., U.S.A., wants mail sent to 810 Greensboro Avenue, Tuscaloosa, Alabama.

LANKENAU, HENRY G., '36, who returned this fall from 30 months overseas service in the North African and Italian theaters, has accepted a position with the Engineering Department of the General American Process Equipment Division, 420 Lexington Avenue, New York 17, New York. His home address is 60 First Street, Harrison, New York. Brother Lankenau was a captain in the Water Supply Division of the Engineers while across.

HANSON, HORACE B., JR., '38, Lt. Col. U.S.A., can be reached at Cochrane, Alabama.

LIGHT, JOHN H., '38, was a captain in the Army and was stationed overseas with the 63rd Engineering Combat Battalion. Mail reaches him addressed to Summit Point, Jefferson County, West Virginia.

MERRILL, WILLIAM C., JR., '39, Captain, U.S.A., has been discharged from the army and now resides at Apt. 12, Berkeley Apartments, Gadsden, Alabama.

MORGAN, PATRICK N., '39, Ensign, whose home is at 1001 Endicott Street, Chattanooga 5, Tennessee, is now stationed out in the Pacific.

REYNOLDS, WM. G., '39, Major, U.S.A., can be addressed at 535 Greensboro Avenue, Tuscaloosa, Alabama.

ARGO, JAMES P., '40, Lieutenant, U.S.N.R., gives his home address as 8304 10th Avenue, N., Birmingham, Alabama. He hopes to be a civilian soon.

CONDICCHIE, D. H., '40, gets his mail at P.O. Box 1858, Louisville, Kentucky.

GEORGE, ERNEST T., JR., '40, Captain, has returned from service overseas with the 815th Engineer Aviation Battalion and is stationed at Hdq. 463rd AAFBU, Geiger Field, Washington.

SANDLIN, PATRICK H., '40, gives his present address as 609 Prospect Drive, Decatur, Alabama. He was previously stationed at the Engineer's School at Ft. Belvoir.

ADAMS, CLINTON W., '41, Captain, U. S. Army, is at Ft. Sill taking advanced radar work. Mail should be addressed to him at 1710 Columbia, Lawton, Oklahoma.

BUNCE, FRANK EDGAR, '41, gives his address as 233 Nassau Avenue, Huntington, New York. Brother Bunce is an engineer with the Gruman Aircraft Engineering Corporation, Bethpage, Long Island, New York.

GREENE, JOHN H., '41, was married to Miss Lovie Cathryn Milam of Port Arthur, Texas, on November 30, 1945. Brother

- Greene is still employed as a chemical engineer for the Texas Company in the Port Arthur Refinery and they are living at 1237 Seventh Street, Port Arthur.
- MASON, FLOYD HARRIS, '41, Captain, U.S.A., has been released from the service and is now living at 3746 Morrison Place, Cincinnati, Ohio.
- MOONEY, JOHN J., '41, was a major in the Army Corps of Engineers. Since being discharged, he has been working with the Terry Steam Turbine Company at Hartford, Connecticut. Brother Mooney desires that his correspondence be addressed to him at 121 Blue Hills Avenue, Hartford 5, Conn.
- CHUDY, FRANK S., '42, metallurgist for the Bridgeport Brass Co. has recently been transferred to their plant at Exeter, New Hampshire.
- HAMIL, JOHN CLEMENT, '42, Captain, U.S.A., APO 901, c/o Postmaster, San Francisco, California, gives his permanent mailing address as P.O. Box 518, Whittington Drive, Oakdale, Louisiana.
- JOWERS, AFTON B., '42, discharged from the services should be addressed at 533 Broadway, Birmingham, Alabama.
- KUZMIK, ANDREW, '42, is now working as Flight Test Engineer for the Kaiser Cargo Corporation, Fleetwings Division. His address is 365 Concord Avenue, Trenton, New Jersey.
- McKINNON, JULIAN T., '42, Captain, U.S.A., began his terminal leave in March. Prior to that time he was at the Chemical Warfare School at the Edgewood Arsenal in Maryland.
- MILLER, WILLIAM E., '42, whose home address is 443 North Pine Street, Florence, Alabama, is employed as a structural engineer for the Department of Chemical Engineering, Tennessee Valley Authority in Knoxville, Tennessee.
- SHILLITO, THOMAS B., '42, employed as a Major Engineer by Boeing Aircraft Co. in Seattle, Washington, gets his mail at the College Club, 601 Spring Street, Seattle 4, Washington.
- ACKERMANN, KENNETH G., '43, Lt. (j.g.) whose home is in Berwyn, Illinois, may be addressed as follows: U.S.S. Poseidon (ARL-12), c/o Fleet Post Office, San Francisco, Calif.
- CROW, WILLIAM W., '43, now resides at 810 N. Broad Street, Elizabeth, New Jersey.
- DITORO, MICHAEL, '43, is now a Radio Technician, second class, in the U. S. Navy. His service address reads as follows: U.S.S. Topeka, (CL-67) I-Div., c/o Fleet Post Office, San Francisco, California. Michael's home address is 333 Parsonage St., Pittston, Pennsylvania.
- ELLIS, ELON E., '43, is working as an assistant engineer for Boeing Aircraft Industry in Seattle and resides at 2407 41st Street, Seattle, Washington.
- ELLIOTT, JAMES W., '43, Sgt. U.S.A., has been stationed in China. His home address is Route 3, Jasper, Alabama.
- HEGENWALD, JAMES F., '43, is working as a draftsman for North American Aviation Inc., in Inglewood, California but lives at 3245 Selby Avenue, Los Angeles 34, Calif.
- LEROY, J. R., '45, S/Sgt., U.S.A., at last reports was still overseas and mail for him should be sent to 101 N. Capitol Parkway, Montgomery, Alabama.
- MOSS, FELIX R., '43, Lieutenant, U.S.A., reported to be in Europe, asks that mail be sent to 1453 N. 21st Street, Birmingham, Alabama.
- OWEN, HAROLD MURPHY, '43, whose home is at 18 Oakwood Court, Tuscaloosa, Alabama, is now stationed with the Hdq. Btry. 44th FA Bn., Camp Butler, North Carolina. Brother Owen is a Lieutenant.
- SAWYER, JAMES T., '43, Ensign, U.S.N.R., wants mail sent to his home in New Brockton, Alabama.
- WILSON, STANLEY F., '43, Lieutenant, U.S.N.R., has his home address as Box 74, Lake Kushaqua, New York.
- WILSON, WALTER S., '43, Lieutenant, U.S.A., returned from Italy, gives his home address as 62 Norwood Circle, Birmingham 4, Alabama.
- ABBZIA, MILTON, '44, is now employed by North American Aviation Inc., in Inglewood, California and lives at 857 Crenshaw Blvd.
- COMISAROW, PAUL, '44, is an aeronautical engineer for the National Advisory Committee for Aeronautics. He gives his mailing address as 86 D-Elizabeth Road, Hampton, Virginia.
- McFARLAND, FRED S., '44, gives his mailing address as 818 West Sixth St., Birmingham 4, Alabama.
- WEEMS, FRANK T., '44, is still in the navy. Mail should be sent to his home at 4316 Gadsden St., Birmingham, Alabama. When last heard from he was stationed with Co. 208, Bill 413, Navy Pier, Chicago, Illinois.

NU

MORRIS, JACK E., '32, Lt. Col. in the U.S. Army, has been awarded the Legion of Merit

for service rendered in Iceland, in the South Pacific and at Okinawa. The citation

credits him with exceptional meritorious conduct as an air field design officer in Okinawa, planning and organizing the construction of the island's numerous air fields. He also supervised preparation of plans for all other Army construction at the rapidly expanding base of Okinawa, which by the war's end had been converted into a powerful staging area for the planned assault on Japan.

BURNS, WILLIAM J., '33, at the present time is engaged in a power plant design project for Mathieson Alkali Works in Saltville, Vir-

ginia. He should be addressed in care of the company at Saltville.

MENG, FRED, '33, is back at his pre-war position of open hearth metallurgist for National Tube Company's Lorain, Ohio plant. His address is 216 Howe Street, Elyria, Ohio.

CREDE, CHARLES EDWIN, '35, who lived at 802 Potomac Avenue, Alexandria, Virginia, has moved to 19 Stevens Street, Winchester, Massachusetts.

ROTZLER, ROSS WM., '40, is with the Monsanto Chemical Co. in Marshall, Texas.

OMICRON

GRIGG, LESLIE R., '32, wants his mail sent to 1138 First Avenue West, Cedar Rapids, Iowa.

YOUNG, GERALD, '32, is out of the army and is applying visual education to business in Chicago. His address is Kottcamp & Young, 111 W. Washington, Chicago, Illinois.

BOWMAN, JAMES W., '40, spends his working hours as an assistant engineer with Erik Floor and Associates, consulting engineers in Chicago. Mail should be sent to him in care of the company at 139 N. Clark Street, Chicago, Illinois.

GREEN, ALVIN W., '40, is sanitary engineer for the City of Tacoma and lives at Apt. 313, 422 S. Tacoma Avenue, Tacoma, Washington.

KIPPENHAN, CHARLES J., '40, is out of the navy and is working on a Master's degree

in Mechanical Engineering at the University of Iowa.

POSTLEWAIT, JOHN, '42, who did dive bombing for the Marines a while back, is now back at Iowa finishing up a postponed degree.

POTTHOFF, ROMAN, '42, has been gathering up tanks in France and preparing them for shipment. He expects to be home soon.

BURMAN, HOWARD RICHARD, '43, deserted the bachelor ranks; on February 2, 1946, he was united in marriage to Miss Billye Jean Bradshaw at the First Baptist Church in Borger, Texas.

LUTZ, GEORGE, '43, who wrote to this office in January, said he was hoping to clear up his work in Alaska in several months and was eagerly looking forward to getting back to Missouri where his wife is teaching school.

PI

HENDERSON, THOMAS H., '24, Lieutenant, U.S.A., has been released from the army and is at present with the E. I. DuPont de Nemours Co. in Orange, Texas.

MCDAVITT, MARCELLUS BALLI, '24, is radio transmission engineer at the Bell Telephone Laboratories, New York City, and lives at 15 Mercer Avenue, Hartsdale, New York.

PALMER, AUBREY E., '34, is an instructor in Civil Engineering at Duke University.

EDWARDS, HOWARD B., '36, is living in Hampton, Virginia.

COOPER, ROBERT G., '39, released from prison camp in the Philippines is living in Waynesboro, Virginia.

FERRER, PETER, JR., '38, is living in Richmond, Virginia.

COLVIN, GRATTAN, '39, after seeing action in the Pacific from Tulagi to Tokyo, is now

with the U.S. Geological Survey in Charlottesville, Virginia.

SIMPSON, JOHN P., JR., '39, is living in Lynchburg, Virginia.

WARD, JOHN T., '40, is living in Raleigh, North Carolina.

WILSON, CHARLES H., '42, has been released from the service and has returned to the Plastics Dept., General Electric Co., Pittsfield, Massachusetts.

MILLER, EUGENE, '43, is reported to be with Eastman Kodak Co. in Rochester, New York.

SPICER, GARLAND, JR., '44, was married on December 13, 1945, in Kew Garden Hills, New York, to Miss Doris Ann Fisher.

CATLIN, AVERY, '45, was reported to have left Okinawa for China.

RHO

- BAKER, FRANK KUGLER, '23, is plant superintendent for Lever Brothers Co., in Edgewater, New Jersey and lives at 149 Paulin Blvd., Leonia, New Jersey.
- LUTHER, ROBERT WILLARD, '26, is plant superintendent of the City Water Works, Elizabeth City, North Carolina.
- STUDDERT, WILLIAM W., '27, Capt. U.S.N.R., has been released from the Navy and plans to open an engineering office in New Bern, North Carolina.
- WOOD, JOHN SAMUEL, '27, is district engineer for the Jeffrey Manufacturing Co. of Columbus, Ohio and gives his mailing address as Raleigh Heights, Box 1469, Beckley, West Virginia.
- SULLIVAN, HUBBARD L., '28, is addressed at 2645 River Road, N.W., Atlanta, Georgia.
- TURNER, FRANK B., '28, gives his mailing address as Box 6165, Five Points Station, Raleigh, North Carolina.
- ELLIS, H. M., '29, has a new mailing address at 2708 Hazelwood Drive, Raleigh, North Carolina.
- HIBBARD, CHARLES, '29, has been released by the navy and has returned to Richmond, Virginia, where he is with the National Fire Group.
- KOONTZ, KARL K., '29, asks that mail be addressed to 16 Shirley Road, Hilton Village, Newport News, Virginia.
- GOEHGAN, JOHN T., '31, is now with the Ecusta Paper Co. at Brevard, North Carolina.
- JOHNSON, JAMES M., '31, recently released from the navy, is now assistant director of the State Division of Purchases and Contracts.
- PETROFF, BORIS B., '33, has sent in a new address—4535 Klingle Street, N.W., Washington 16, D. C.
- STEPHENS, ROMULUS W., '35, of Apex, North Carolina announces the birth of Romulus, Jr., on November 2, 1945.
- SMITH, HENRY B., '38, gives an address as P. D. Technical Command, Edgewood Arsenal, Maryland.
- TERRELL, W. S., III, '38, Major, U.S.A., whose home is in Dunn, North Carolina has reported that he will remain in the army at least until June, 1947. He was in action in Algiers, Tunisia, and French Morocco, and was wounded on November 2, 1942. Following his release from the hospital he was stationed at Ft. Benning, Georgia, and was in Manila from June until November 1945.
- WHITELY, HERBERT S., '39, Major, U.S.A., has an APO address, San Francisco.
- DAVIDSON, EDWARD PRUDEN, '40, Captain, U. S. Air Corps, has an overseas address of Engineer Officer, 9th Fighter Squadron, c/o Postmaster, San Francisco, Calif. His home address is 109 Campbell St., Murphy, North Carolina.
- BURNHAM, JAMES MACKAY, III, '41, Major, U.S.A., was married last summer to Miss Virginia Holmes Brinkely, daughter of Mr. and Mrs. Ira Share Brinkely of Hagerstown, Maryland. Previous to his return he had been with the 9th Airforce for 18 months and wears the Air Medal with two Oak Leaf clusters.
- DIXON, GEORGE T., '41, is now Lt. Comdr. U.S.N.R., and stationed in Schenectady as an inspector of Navy material.
- HATHAWAY, J. B., '41, Major, U.S.A., has been discharged from the army and is now at home in Dayton, Ohio. He plans to return to his old job with the Hercules Powder Co. of Wilmington, Delaware. Mail should be sent to 232 Rockhill Ave., Dayton 9, Ohio.
- LEFLER, HAROLD B., '41, Lt. Comdr. U.S.N.R., of Hagerstown, Maryland, has been placed on the inactive list. He entered the Navy in June 1941 and was assigned to duty in the Bureau of Aeronautics as an aeronautical engineer. He is the son of Mrs. R. H. Lefler of Albemarle, North Carolina.
- TATUM, RICHARD L., '41, Capt. U.S.A., has returned from overseas and is now at Fort Dix, New Jersey, with the air transport command. He plans to stay in the army. Capt. Tatum's address is box 340, Army Air Base.
- LUKE, EDWIN BRYANT, '42, Lt. U.S.A., who returned last fall after three years service in the Southwest Pacific area, was married on November 24, 1945, to Miss Annie Mary Matthews of Laurinburg, North Carolina.
- JOHNSON, W. S., JR., '42, Captain, U.S.A., is now to be addressed at 112 N. Hull St., Montgomery, Alabama.
- STURKEY, JAMES M., '42, Lt. U.S.N.R., has been released by the Navy and is making his home in Seattle, Washington, 1300 Lake Washington Blvd.
- GRAVES, WILLIAM GRIFFIN, II, '43, 1st Lt., U.S.A., was married on September 1, 1945, in the chapel at Scott Field, Illinois, to Miss Mary Elise Brownell Sweeney, daughter of Mr. and Mrs. Robert F. Brownell of Jamestown, New York. He is the son of Mr. and Mrs. Felix Williamson Graves, Oak Manor, Mebane, North Carolina.
- HETHERINGTON, IRVINE J., '43, receives mail at 1528 Trenton Avenue, Bristol, Pennsylvania.
- FOX, HARRISON W., '44, Lieutenant, U.S.N.R.,

receives mail at 1200 N. Kennebec St., Arlington, Virginia.

GOODRUM, W. J., '44, has been transferred to the Chicago office of Spencer Kellogg & Sons, Inc., 2200 Lumber St., Chicago 16, Illinois.

HEFFERMAN, JAMES A., '44, asks that mail be sent to 42-51 247th St., Little Neck, Long Island, New York.

WHITEHURST, THOMAS BAYARD, JR., '45, is now located at 526 Euclid Avenue, Bristol, Virginia.

ROE, WILLIAM C., '46, has been elected president of the War Veteran's society at North Carolina State. Over 1000 veterans were registered for the winter term.

SIGMA

REUWEE, LYMAN F., '35, spends his working hours in the Engineering Department for the Westinghouse Electric Corporation in East Springfield, Massachusetts. He is one of the engineers assigned to the development of a post-war food mixer. Address: 12 Varney Street, Agawan, Massachusetts.

DERKENBERGER, R. G., '39, Lieutenant, U.S.A., announces the birth of a daughter, Nancy

Jane, on August 1, 1945 at Havre de Grace, Maryland.

McFEE, JOHN ALVERD, '40, Captain, U. S. Engineer Corps, stationed at Ft. Belvoir, Virginia, was married on October 14, 1943, to Miss Leah Walker, of Washington, D. C.

SMELKER, JAMES WALLACE, '44, wants his mail sent to 164 E. Como Avenue, Columbus, Ohio.

TAU

MITCHELL, STERLING B., '35, we have been informed, has his mail sent to Route 1, Shadywood, Wayzata, Minnesota.

FLOYD, ROBERT, '37, has a new mailing address. It's P. O. Box 47, Geneva, New York.

UPSILON

BROOKS, R. M., '29, Lieutenant, U.S.N.R., has returned to his home in Little Rock, Arkansas after three years with the Civil Engineering Corps of the U.S. Navy where he was engineer in charge of planning and construction at an air base on Adak in the Aleutians for a year and a half before being stationed at the Advance Air Base at Davisville, Rhode Island as administrative assistant to the Executive officer.

McGHEE, EDWARD PELHAM, JR., '29, BSCE, M.D. '41, announces the birth of Edward Pelham, III on February 23, 1946. Dr. McGhee served overseas in Europe and was a German prisoner for a time. He is a Physician in Lake Village, Arkansas.

BECKMAN, FRANK, '34, wants his mail sent c/o General Engineering Company, Merchants National Bank Bldg., Fort Smith, Arkansas.

DAVIS, SAMUEL LADD, '37, formerly a Major, U.S.A., has gone to Lima, Peru, where he is associate chief of party in charge of sanitation engineering for the Peruvian government under the Health & Sanitation Division, Institute of Inter-American Affairs.

STELZNER, WILLIAM, JR., '39, announces the

neer in the Industrial Department of the General Electric Co. in Lynn, Massachusetts and the family home is at 175 Washington birth of a son, Stephen William, on September 27, 1943. The proud father is engineer, Marblehead, Massachusetts.

FITTON, DAVID E., JR., Ex '41, Lieutenant U.S.A., who is stationed at Clark Field, Philippine Islands, announces the birth of David Edwards III, on August 15, 1943, in Little Rock, Arkansas.

SHACKELFORD, LLOYD C., '41, has informed us of his new address at 2734 Broadway, Schenectady, New York.

OLIVER, WALLACE, '42, Lieutenant, U.S. Air Corps, returned home in December after being stationed in India during the past year.

BROWNE, HUGH, Ex '45, Ensign, U.S.N.R., whose home is in Fayetteville, was married last year to Miss Eva Jo Denney also of Fayetteville, Arkansas. He is presently stationed in Washington, D. C.

DYKE, MARTIN TRESTER, III, '45, is taking graduate work at Massachusetts Institute of Technology.

RAGSDALE, JOHN, JR., Ex '45, Pvt., U.S.A., whose home is in El Dorado, Arkansas, was

married recently to Miss Dora Dean Johnson of Hackett, Arkansas.

TAYLOR, JAMES LEE, Ex '45, Pfc. U.S.M.C., whose home is in Sparkman, Arkansas, was awarded the Bronze Star for "heroic conduct in action against the enemy while serving with a Marine rifle company on Okinawa in May, 1945." The citation re-

ports that Taylor, who also wears the Purple Heart with Oak Leaf Cluster, carried a wounded Marine from the path of heavy enemy fire to a place of safety. He is now stationed in China with the First Marine Division. He enlisted in June 1944 while a Junior in the College of Engineering.

PHI

CLOUD, HAROLD W., '32, Lt. Col. U.S. Army, has his GEARS sent to 2368 Victory Parkway, Cincinnati, Ohio.

CONNELL, LLOYD L., '32, of Richmond, Indiana, has been appointed Technical Director of the Stoker Manufacturers Association.

MARSHALL, HAROLD B., '33, asks that his mail be sent to 233 Manor Avenue, Elkhart, Indiana.

WEIMER, HAROLD C., '35, spends his working hours with the J. I. Case Co., 3232 16th

Avenue, Rock Island, Illinois, as foundry engineer.

TRBOVICH, NICK, '37, wants his mail sent to 4225 Ivy Street, East Chicago, Indiana.

OTT, WILLIAM R., '40, is working for Proctor and Gamble Co. at Ivorydale, Cincinnati, Ohio. His temporary address is 438 Millville Avenue, Hamilton, Ohio.

KUZNICKI, JOHN F., '41, Captain, is addressed Department of Motors F.A.S., Fort Sill, Oklahoma.

CHI

STEENBERGEN, WILLIAM A., '27, Colonel, U.S.A., gives his address as 637 Pennsylvania Street, Boulder, Colorado.

ROBERTS, FREDERICK CARLYLE, JR., '28, Capt. has been appointed to the regular U. S. Public Health Corps. He has had wide experience in public health work, serving as Arizona's first sanitary engineer from 1933 until 1941 when he was called to active duty as an Army public health officer. His accomplishments were recognized by the award of a professional degree in 1937 by the University of Arizona.

BACON, IRA P., JR., '28, Captain, U. S. Army, has moved from 4016 Clifton, El Paso, Texas, to the Iowa Ordnance Plant, Burlington, Iowa.

STEENBERGEN, WILLIAM A., '29, Colonel, U.S.A., has returned from Okinawa, where he was with the headquarters airforce. Since receiving his discharge, he has resumed his position on the faculty at the University of Arizona.

GOAR, ROY M., '31, is application engineer for General Electric Co., 106 W. 19th Street, Kansas City 6, Missouri.

ERICKSON, JACOB, '31, is with the U.S. Bureau of Public Roads, 303 West Jefferson, Phoenix, Arizona.

McMULLEN, HERSCHEL H., '31, has been released from the armed services and returned to his former position of secretary-treasurer of the Samuel Hill Hardware Co. in Prescott, Arizona.

LAINÉ, LEO LAURI, '31, is engineer for the U.S. Geological Survey, 411 Federal Bldg., Oklahoma City, Oklahoma, and lives at 1716 N. Phillips Avenue, Oklahoma City.

PETERS, GEORGE W., '31, Capt., gives his new address as Republic Mine, Dragoon, Arizona.

BOOHER, LAWRENCE J., '33, announces the birth of a son in Tucson, on April 25, 1945.

GERHARDT, ALVIN W., '33, has moved to Route 5 Box 824, 1110 Halcyon, Tucson, Arizona.

BATE, CLAUDE S., '34, Major, U.S.A., is with the headquarters staff, Andrews Field, Washington, D. C.

LOSEE, FRANK BURR, '34, Lt. Col. U.S.A. has been discharged and is living at 310 West Coronado, Phoenix, Arizona.

YOUNG, STANLEY A., '34, Lt. Col. U.S.A., has been discharged and his address is 1142 Gwinda Street, Palo Alto, California. He received the Silver Star on Attu in 1943.

KELLER, FRANK, '35, is with the Soil Conservation Service as field engineer in Tucson, having just been discharged from the armed forces. Mail should be sent to 112 Calle El Centro, Tucson, Arizona.

POWELL, COLLINS MARTIN, '35, is now a civil engineer with the U.S. Indian Service, 311 Hightower Bldg., and resides at 1809 North Woodward Avenue, Oklahoma City, Okla.

DINDINGER, WILLIAM R., '36, Major, U.S.A., has been discharged and can be found at 1010 Cedar Avenue, Miami, Arizona.

- RAUSCHER, JOHN F., '36, Captain, in the Air Force, has been discharged and can be addressed at 2115 East Speedway, Tucson, Arizona.
- CONROY, THOMAS C., '37, Lt. Col., U.S.A., was married on October 14, 1945 at Belle Vernon, Pa. to Chief Warrant Officer Valerie F. Brinegar. He left for Germany on November 4th to join the occupational airforce. He has been decorated with the Legion of Merit, the Silver Star, the Distinguished Flying Cross, with two clusters, the Air Medal with three clusters and the French Croix de Guerre.
- HOUSTON, CLYDE E., '37, gives his home address as 111 Elm St., Reno, Nevada. He is working with the S.C.S. Snow Survey in Reno.
- PEARSON, ARTHUR E., '37, is still in the Army Air Force as a Captain and can be reached c/o 463rd Bomb Sq., 346th Bomb Group, APO 902, San Francisco, Calif.
- KNIGHT, W. F., '38, started to work for the Goodyear flying squadron at Los Angeles soon after graduation. In March 1940 he was transferred to the home plant at Akron, Ohio. Following this in July, he accepted a position as designer-draftsman at the "Wingfoot Lake Airship Base" a division of Goodyear Aircraft, and in August 1942 became manager of engineering. During this time he became a blimp pilot along with his engineering duties.
- BABCOCK, HORACE M., '39, Lieutenant, U.S.N.R., has been discharged and wants his mail sent to 1318 N. Second Street, Phoenix, Arizona. He is now with the U.S. Geological Survey in Phoenix.
- CHASE, CHARLES H., '39, who has been in the Marine Air Corps, has been released from service and is mill superintendent for the Shenandoah Dives Mining Co. at Silverton, Colorado, where his mailing address is P.O. Box 361.
- MEDFORD, JAY, '39, was recently discharged from the Navy after having served as a Lieutenant with the Seabees in the South Pacific, and has accepted a position with the National Bureau of Standards in Washington, D. C. and lives at 3839 Rodman Street, N.W., Washington, D. C.
- NICHOLAS, CHARLES, '39, Lt. Comdr., U.S.N.R., has been discharged after six and one-half years in the Navy. He spent 30 months on the West Virginia and was transferred to the Maryland when the West Virginia was sunk at Pearl Harbor. He can be addressed at 423 Parker Street, Globe, Arizona.
- PALICIO, FIRMIN, JR., '39, who is with the army of occupation in Germany, is addressed as Cpl., "A" Battery, 787th FA Bn., APO 403, c/o Postmaster, New York.
- TUCHER, SAMUEL, '39, Lieutenant (j.g.) U.S.N.R., has a mailing address as follows: CEC, 521st Naval Construction Bn. Maintenance Unit, c/o Fleet Post Office, San Francisco, California. He is doing construction work on Okinawa.
- VAN LOO, HERMAN WILLET, '39, Ensign, is hoping to be released from the Navy in the near future after traveling "all over the Pacific in every boat the Navy has." He gives his address as 2329 C. St., Apt. 1, San Diego 2, California.
- WEST, LAMONT, '39, has moved from Boulder City, Nevada, to Salt Lake City, Utah. He picks up his mail at P.O. Box 1446.
- GARRETT, HARRY J., '40, Captain, U.S.A., announces that the stork came to his home in Brownsville, Texas, bringing a son, James Douglas, on August 10, 1944.
- WALSER, PAUL L., '40, is addressed Captain Paul L. Walser, 854 Eng. Avn. Bn., APO 902, c/o Postmaster, San Francisco, California. Captain Walser is hoping for a speedy return to the States.
- CARETTO, JOHN D., '41, is employed as an engineer by the Curtis Wright Aeronautical Corp. in Patterson, New Jersey.
- YAEGER, AMOS J., '41, is now general mine foreman for the A.S. & R. Co., at Parral, Chihuahua, Mexico.
- SHELLEY, GEORGE E., '42, wants his mail sent to 629 N. Wilson, Tucson, Arizona.
- BRITAIN, RICHARD L., '43, Lieutenant, U.S.A., is on Okinawa. His mail should be addressed as follows: Hq. 53rd Med. Port. T. Co., APO 180, c/o Postmaster, San Francisco, California.
- FIEDLER, FRED S., '43, who was released from the Air Corps (B-29 Flight Engineer) on January 9, is working for the Union Oil Co. of California in the sales construction dept. Mail should be sent to 710 S. Walnut Street, Inglewood, California.
- JONES, A. MAXWELL, '43, is now in San Juan, Puerto Rico serving as lubrication engineer with Texaco, having been in foreign fields for about a year and a half. Address: P.O. Box 4429, San Juan, Puerto Rico.
- KING, THOMAS C., '43, Lt. (j.g.) U.S.N.R., was married in Madison, Wisconsin on June 19, 1945, to Miss Phyllis Klock.
- KINNEY, WILLIAM HENRY, '43, Lieutenant, U.S.A., was married in Van Nuys, California, on January 11, 1946, to Miss Shirley Ruth Krausnick of Reseda, Calif. He served in the European campaigns and has the Purple Heart, Bronze Star, Silver Star, and Croix de Guerre. He is the son of Mr. and Mrs. J. H. Kinnel, 801 East Speedway,

Tucson, Arizona. Wm. Kinsey, Chi '44, Lt. (j.g.) U.S.N.R., was best man at the wedding.

NOURSE, WILLIAM K. C., JR., Ex '43, Lieutenant can be addressed C Co., 2nd Engr. Bn. 3rd Pltn., 2nd Marine Division, F.M.F., c/o Fleet Post Office, San Francisco, California. He is reported to be in Japan.

CULIN, FRANK L., III, Ex '44, announces the birth of a daughter in Tucson, Arizona on June 21, 1945.

KIMSEY, WILLIAM L., '44, Lt. (j.g.) U.S.N.R., was married in the Naval Chapel on Treasure Island, California, to Miss Margaret L. Bowes on May 24, 1945.

KINKEAD, JOSEPH C., '44, Lieutenant, U.S.A., and Barbara James, were married on July 24, 1945, in Flagstaff, Arizona.

KOMADINE, GEORGE, '44, Pfc. writes from Germany that he expects to be home any time. During the war he drove an ammunition truck in the 774th Tank Battalion.

JONES, ORVIL R., Ex '45, Lieutenant, U.S.A. and Miss Claire Joss were married on May 30, 1945, in Douglas, Arizona.

MOSEIER, PETER M., '46, was married on August 27, 1945 to Miss Patricia E. Henderson in Douglas, Arizona.

PSI

PERETTI, E. A., '34, has sent in his resignation as chapter adviser to Theta chapter since he has been appointed Associate Professor of Metallurgy at the University of Notre Dame, South Bend, Indiana.

BLAKE, ROBERT A., '38, has recently been transferred from East Helena, Montana to Leadville, Colorado where he is employed as mill metallurgist in the Leadville Milling Unit of the American Smelting and Refining Co.

GILBERT RAY E., '39, has left the Jardine Mining Co. in Montana to be geologist for the New Park Mining Co., Keetley, Utah. His personal address is P. O. Box 674, Park City, Utah.

RAMBOSEK, AUGUST F., '40, who enlisted in the army in 1911, has been released from military service and has returned to the Montana School of Mines for his master's degree. He held the rank of captain.

GRAYER, GEORGE D., JR., '41, who graduated at the Missouri School of Mines in 1942, is now living at 8437 N. Hawthorne Street, Milwaukee 13, Wisconsin.

SCHOLZ, EDGAR A., '41, until recently with the U.S. Geological Survey, is now at the Golden Sunlight mine at Whitehall, Montana, which is being operated by the Martin Brothers Co. of Helena, Montana.

OMEGA

KAMMERMAN, J. O., '07, has returned from the army and has resumed his position as head of the electrical department of the School of Mines, Rapid City, South Dakota.

SAYLER, EDWIN, '32, Lieutenant, U.S.N.R., is assistant to the Base Operations Officer at Guantanamo Bay, Cuba. He gives his address as Navy 115, Box 57, c/o Fleet Post Office, New York City.

LAMPERT, JOHN A., '33, Lieutenant, U.S.N.R., is on Okinawa and has sent word that he expects to be there some time. He and his wife worked 20 months at the second atomic bomb plant at Pasco, Washington. He received a commission in the Navy about a year ago.

GAGSTETTER, NOEL, '34, is out of the Navy and is visiting his parents in Hill City, South Dakota.

BERRY, EUGENE L., '35, is a structural designer of dams for the U.S. Engineers, Ft. Peck, Montana.

DOOLITTLE, RICHARD N., '35, has notified us

of his change of address. It is now 414 Denham Building, Denver, 2, Colorado.

FORCHTYNER, JAMES, '35, has returned to his job as chief engineer for the Northwest Bell Telephone Co. in Omaha, Nebraska after being an officer with the Signal Corps in Italy. His address is 1422 South 48th Street, Omaha, Nebraska.

SPENCER, J. C., '35, Lt. Comdr. U.S.N.R., can be addressed at Bureau of Ships, Code 947C, Room T5-2412 Navy Department, Washington 25, D.C.

DORWIN, JOHN, '37, for the last four years was service engineer for Lockheed Aircraft Corp. He now holds the position of assistant service manager for the Oliver Corp at Charles City, Iowa. Address: 800 Gilbert Street, Charles City, Iowa.

FERGUSON, STUART D., '37, is now in Custer, South Dakota.

GREMMELS, WILLIAM, '37, is at Roscoe, California, working with the termination

- branch of the engineers on the settlement of construction contracts.
- WHITHAM, WOODROW C., '37, is out of the armed forces after being in the Low Countries and Germany and is located with the Milwaukee Railway at Savannah, Illinois.
- BUUS, H. W., '38, announces the arrival of Diane Elizabeth, September 6, 1945.
- CRAWFORD, CLAIR C., '39, Major, U.S.A., has been released from the service and is with the U.S. Bureau of Reclamation in Denver, Colorado.
- DAVIES, DAVID L., '39, Lieutenant, U.S.N.R., has received his discharge and returned to his home in Rapid City, South Dakota.
- LIND, JAMES E., '39, is assistant engineer of the U.S. Geological Survey whose headquarters are in Lincoln, Nebraska, but mail should be sent to 3629 Grant St., Omaha, Nebr.
- STANLEY, IRA L., '39, is out of the Navy and now with the U.S. Bureau of Reclamation, Box 328, Bismark, North Dakota.
- LEE, ELMER, '40, is now with the U.S. Bureau of Reclamation, in Denver and can be addressed at 1070 Downing Street, Denver, Colorado.
- ZEIDNER, HARRY HAMMON, '40, who spends his working hours with the Brown Instrument Company, Wayne & Roberts, Philadelphia, lives at 5044 Erringer Place, Philadelphia, Pennsylvania.
- ATWATER, VERNON, '41, U.S.N.R., and Miss Margaret Lucas were married on Treasure Island, California, on November 24, 1945. They are living at 201 Vidal Drive, San Francisco, 12, California.
- GILBOROUGH, MALFORD, '41, is now with the General Engineering Co., a firm of Civil Engineers in Seattle, and lives at 2813 West Graham, Seattle.
- HILL, ROBERT B., '42, was married in Baton Rouge, Louisiana on November 18, 1945 to Miss Theresa Rayne of Plaquemine, Louisiana. They are at home in Baton Rouge.
- MCGARVIE, DONALD, '42, has left Lima, Ohio and returned to Curtis-Wright at Patterson, New Jersey.
- SCHMID, LEONARD J., '42, Lieutenant (j.g.) U.S.N.R., was skipper of a landing craft LTC in the South Pacific. Now mail should be sent to 730 Allen Avenue, Rapid City, South Dakota.
- SHEED, JOHN L. JR., '42, wants his GEARs sent to 423 So. Lincoln St., Aberdeen, South Dakota.
- SIMPSON, RAY A., '42, is with Wright Aeronautical Corporation in Cincinnati, Ohio.
- VOBEJDA, WILLIAM F., '42, has his mailing address at 2016 Downing, Denver 5, Colorado.
- BAKER, COLE D., '43, is in the research laboratory of the Aluminum Co. of America, and lives at 141 Aluminum City Terrace, New Kensington, Pennsylvania.
- BREVIK, ELMER L., '43, Lieutenant, (j.g.) (U.S.N.R.), is on the carrier Antietam and when last heard from was off the coast of China. His address is VB 89, c/o Fleet Post Office, San Francisco, California.
- DAVIES, ARTHUR LLOYD, '43, is with the engineering department of the Milwaukee Ry., in Aberdeen, South Dakota.
- FRAME, THOMAS, '43, Ensign, is on the USS Paroka anchored near Wakayama in southern Honshu. It is rumored that the boat is anchored for the winter, which he hopes is just a rumor.
- HANNAN, WILLIAM S. JR., '43, RT 2/c, U.S.N., broke his shoulder in Manila Bay while transferring from an LCM to his ship in rough water and was sent to Ward 102 W., U.S. Naval Hospital, Great Lakes, Illinois. He expected to enter M.I.T. for graduate work.
- JUKKOLA, EDWIN E., '43, is with Wright Aeronautical Corporation in Cincinnati, Ohio.
- MOLANDER, BLAIR L., '43, lives in La Canada, California. He is metallurgist in the jet propulsion laboratory of Cal-Tech.
- MORCOM, LEWIS, Ex '43, Cpl. U.S.A., has been on bridge inspection work on Honshu, Japan. He expects to return to complete his education and in the meantime asks that mail be sent to him #37484988, Co. A, 102nd Engr. Bn. (c), APO 27, San Francisco, Calif.
- NORMAN, WALTER E., '43, Sgt. U.S.A., is now a student in radar and can be addressed as Sgt. 3939174, 462 AAFBU, Box 418, Camp Pinedale, Fresno, California.
- REDMAN, DONALD, '43, Ensign, U.S.N.R., is on ordnance disposal work in the Pacific and his address is c/o N.A.D. Navy 926, c/o Fleet Post Office, San Francisco.
- VERONDA, DOMINIC, '43, Ensign, U.S.N.R., has a late address as U.S.S., LCI (L) 1017, c/o Fleet Post Office, San Francisco, California.
- WILCOX, A. L., '43, in Uncle Sam's navy, reports the birth of Phyllis Ann, August 15, 1945. His address is Coxswain 32nd Special Batt., Sec. 2, Co. D. Platoon 5, c/o Fleet Post Office, San Francisco, California.
- WINKLER, ROBERT O., '43, RT 3/c is on the USS Stentor, (RL-26) c/o Fleet Post Office, San Francisco, California.
- KULPACA, ROBERT L., '44, Ensign, U.S.N.R., is at Pearl Harbor. He reported chances of discharge rather remote and wants mail sent to him at M.E.I.U. No. 4, c/o Fleet Post Office, San Francisco, California. On

August 21, 1945 he was married to Miss Sarah Louise Brown of Lead, South Dakota. MICKLE, RALPH G., '44, is with the St. Joe Lead Co. at Herculaneum, Missouri, as a metallurgist.

MEYER, HARLAN W., '44, is in the South Pacific somewhere. His address is Ensign Harlan W. Meyer, U.S.N.R., CEC, Ser. for Pacific, c/o Fleet Post Office, San Francisco, California.

SOLOMON, JAMES, '44, is located at Post Chicago,

California and can be addressed as Ensign, U.S.N.R., Naval Magazine BOQ.

EICKELMAN, F. L., '45, is with the Climax Molbdenum Co., Climax, Colorado.

JOHNSON, WALTER J., '45, is with the Allis Chalmers Manufacturing Co. and can be addressed at 1240 South 77th Street, Milwaukee 14, Wisconsin.

PANERIO, ALBENO, '46, is now employed in the metallurgical department of the Homestake Mining Co. Lead, South Dakota.

DELTA BETA

HUNTER, SEATON, '41, has a new home address at 804 North Twelfth Avenue, Texas City, Texas.

SMITHSON, FRANK W., '41, has his mailing address as 328 Bridge Street, Franklin, Tennessee.

A sailor attending an auction was doing some spirited bidding for a parrot. He bid \$5. Someone bid \$10. He bid \$15. Someone bid \$20. Finally he got the bird for \$40.

Feeling a little foolish, he said to the auctioneer, "That's a lot to pay for a parrot, can he talk?"

Whereupon the parrot replied, "And who do you think was bidding against you?"

She: Sometimes my father takes things apart to see why they don't go.

He: So what?

She: So you'd better go.

Just before the launching, the woman who was to christen the vessel rushed up to the shipyard superintendent and nervously asked:

"How hard do I have to hit it to knock it into the water?"

A Swede walked into a saloon and asked for a drink of squirrel whiskey. The bartender said: "I haven't any squirrel whiskey, but have some Old Crow." The Swede said "I don't want

to fly, I yus want to jump round a little."

Two men were seated together in a crowded bus. One of them noticed that his friend had his eyes closed.

"What's the matter, Bill," he asked, "feeling ill?"

"No, I'm all right," answered Bill, "but I hate to see ladies standing."

Two hillbillies who had never been on a train before had been drafted and were on their way to camp. A food butcher came through the train selling bananas. The two mountaineers had never seen bananas and each bought one. As one of them bit into his banana the train entered a tunnel. His voice came to his companion in the darkness.

First Mountaineer: "Have you et yours yet?"

Second Mounatineer: "Not yet, why?"

First Mountaineer: "Well, don't touch it. I've eaten one bite and gone blind."

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