

The Gear of Theta Tau



PAUL L. MERCER
Grand Inner Guard

SPRING, 1943

Volume XXXII

Number 2



The GEAR *of*
THETA TAU



SPRING, 1943

VOLUME XXXII

NUMBER 2

Theta Tau Fraternity

Founded at the University of Minnesota October 13, 1904

FOUNDERS

ERICH J. SCHRADER
W. MURRAY LEWIS

ISAAC B. HANKS
ELWIN L. VINAL

EXECUTIVE COUNCIL

RUSSELL G. GLASS, Sigma '24 *Grand Regent*
Home address: 23401 Chardon Road, Euclid, Ohio (Serving in Navy)

R. W. NUSSE, Zeta '28 *Grand Vice-Regent*
c/o Sheffield Steel Corp., P. O. Box 3129, Houston, Texas

ERICH J. SCHRADER, Alpha '05 *Grand Scribe*
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107 Engineering Hall, University of Illinois, Urbana, Illinois

PROF. DONALD D. CURTIS, Omicron Hon. '19 *Grand Marshal*
Clemson, South Carolina

PAUL L. MERCER, Omicron '21 *Grand Inner Guard*
704 Orleans Ave., Keokuk, Iowa

PROF. A. D. HINCKLEY *Grand Outer Guard*
Columbia University, School of Engineering, New York City

P. L. MERCER, Omicron '21, and J. W. HOWE, Omicron '24
Engineering Building, Iowa City, Iowa

DELEGATE AT LARGE

PROF. J. M. DANIELS, Nu Hon. '22 *Past Grand Regent*
Carnegie Institute of Technology, Pittsburgh, Pa.

ALUMNI ASSOCIATIONS

Central Ohio—R. J. Ebner, 1052 Parkway Drive, Columbus, Ohio

Chicago—J. B. Finch, 25th and Madison Street, Bellwood, Ill.

Cleveland—W. R. Uffelman, 1680 E. 117 St., Cleveland, Ohio

Intermountain—C. Milton Anderson, P. O. Box 403, Salt Lake City, Utah

Kansas City—R. S. Patterson, 4900 Wyoming St., Kansas City, Mo.

National Capital—William J. Ellenberger, 6524 Luzon Ave., N.W., Washington, D. C.

St. Louis—M. H. Kapps, 8222 Madison, Vinita Park, Missouri

Twin City—L. F. Martin, 2166 Schaffer Ave., St. Paul, Minn.

Louisville Alumni Club—c/o Theta Tau Fraternity, 2022 S. First St., Louisville, Ky.

Los Angeles Alumni Club—T. J. Douglas, 15724 Sherman Way, Van Nuys, Cal.

Northwestern Alumni Club—Rayworth F. Howe, 937 S. Dakota St., Butte, Montana



MEMBERS OF THE PROFESSIONAL INTERFRATERNITY CONFERENCE

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Chapters

- ALPHA, Founded October 13, 1904 - - - - University of Minnesota
(Chapter house) 324 Walnut St., S. E., Minneapolis, Minn.
- BETA, Established March 26, 1906 - Michigan College of Mining and Tech.
(Chapter house) 1403 College Avenue, Houghton, Mich.
- GAMMA, Established November 3, 1907 - - - Colorado School of Mines
c/o Prof. M. I. Signer, Colo. School of Mines, Golden, Colo.
- DELTA, Established May 23, 1911 - - - Case School of Applied Science
Theta Tau Box, Case School of Applied Science, Cleveland, Ohio
- EPSILON, Established May 4, 1911 - - - - University of California
Box, Hearst Mining Bldg., University of California, Berkeley, Calif.
- ZETA, Established April 17, 1912 - - - - University of Kansas
(Chapter house) 1602 Louisiana St., Lawrence, Kansas
- THETA, Established May 26, 1914 - - - - Columbia University
c/o Prof. A. D. Hinckley, Eng. Bldg., Columbia University, New York City
- IOTA, Established February 5, 1916 - - - Missouri School of Mines
104 E. 10th Street, Rolla, Missouri
- LAMBDA, Established January 3, 1922 - - - - University of Utah
Theta Tau Fraternity, Union Bldg., University of Utah, Salt Lake City, Utah
- MU, Established January 3, 1922 - - - - University of Alabama
c/o Professor J. M. Faircloth, Civil Engineering Department, University, Ala.
- NU, Established January 1, 1922 - - Carnegie Institute of Technology
P. O. Box 114, Carnegie Institute of Technology, Pittsburgh, Pa.
- OMICRON, Established February 3, 1923 - - - - University of Iowa
(Chapter house) 804 North Dubuque Street, Iowa City, Iowa
- PI, Established May 26, 1923 - - - - University of Virginia
(Chapter house) Carrollton, Charlottesville, Virginia
- RHO, Established February 16, 1924 - N. C. State College of Ag. and Eng.
P. O. Box 5325, State College Station, Raleigh, N. C.
- SIGMA, Established November 29, 1924 - - - Ohio State University
(Chapter house) 1965 Indianola Ave., Columbus, Ohio
- TAU, Established December 12, 1925 - - - - Syracuse University
c/o Prof. E. F. Berry, College of Applied Science, Syracuse, New York
- UPSILON, Established April 7, 1928 - - - - University of Arkansas
537 Leverett St., Fayetteville, Arkansas
- PXI, Established April 21, 1928 - - - - Purdue University
(Chapter house) 416 North Chauncy, West Lafayette, Indiana
- CII, Established April 23, 1930 - - - - University of Arizona
Theta Tau Box, Engineering Bldg., University of Arizona, Tucson, Ariz.
- PSI, Established May 7, 1932 - - - - Montana School of Mines
Theta Tau Fraternity, Cate of Montana School of Mines, Butte, Montana
- OMEGA, Established March 26, 1932 - - - - S. Dakota School of Mines
(Chapter house) 107 Kansas City St., Rapid City, South Dakota
- GAMMA BETA, Established March 16, 1935 - George Washington University
c/o Dean of School of Engineering, George Washington University,
Washington, D. C.
- DELTA BETA, Established May 20, 1939 - - University of Louisville
(Chapter house) 2022 S. First St., Louisville, Ky.



Notice to Seniors

All Theta Taus graduating from school this Spring and in good financial standing with their chapters are entitled to life subscriptions to the GEAR. Chapters should provide the Editors with a list of Seniors eligible from the financial standpoint and individual members should send addresses to which the GEAR is to be sent. The GEAR is mailed *only to those who do this.*



Grand Inner Guard

by Brother Editor

During his student days at Iowa, Paul affiliated with Phi Gamma Delta, in general fraternity, and with Tau Beta Pi and Sigma Xi. During his Junior year in college he collaborated with Gordon R. Lunt and Robert W. Dethlefs, fellow classmates in Civil Engi-

ing in Ottumwa and Iowa City.

Following high school, "Penny", as he was then known, enrolled in the College of Engineering, State University of Iowa, where he graduated as a Civil Engineer in 1921. With an appointment as Research Assistant, he returned to the campus and, majoring in Hydraulics, received the M.S. degree in June of 1922.

In July of that year, Brother Mercer became associated with the Mississippi River Power Company of Keokuk, Iowa, as an Assistant Engineer in the Hydraulic Department. Serving continuously with this Company since 1922, he was promoted to Mechanical Engineer in 1930 and to Plant Manager in 1940. The Keokuk hydro-electric plant of the Mississippi River Power Company was, at the time of its completion in 1913, the largest development of its kind in the world. Since then it has been dwarfed by several of the later plants, particularly those built with public funds, but Keokuk still remains one of the largest hydro generating stations in the country.



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Introducing the Grand Inner Guard

An Exposé by His Brother Editor

Although not an alumnus of Phi Chapter, Brother Paul L. Mercer, O '21, our Grand Inner Guard since his election to this office at the 15th Biennial Convention, is none-the-less a Hoosier. This distinction is his, in part at least, by accident of birth, since his parents thoughtfully chose Indianapolis, Indiana, for that happy occasion. After a pleasant early childhood spent in this environment, Paul, following Horace Greeley's advice, journeyed with his family to Iowa, where he received most of his schooling in Ottumwa and Iowa City.

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ther Mercer served in the same S.A. T.C. unit with Don Curtis. Reporting together on sick call one morning, they first became close friends while convalescing from influenza. Perhaps it was this early association which, in 1929 when Grand Marshal Curtis relinquished the GEAR Editor's chair, contributed to Mercer and Howe accepting these duties jointly. At any rate, because of this work and by

virtue of attendance at all the National Conventions since then, Brother Mercer has had relatively close contact with the Fraternity over a considerable period of years, which together with his fraternity and Masonic experience make him well qualified to fill the position of Grand Inner Guard of the Fraternity in these critical times.

Message from Grand Regent Glass

Before leaving for overseas service I wish once more to address the fraternity, and particularly the active chapters through the pages of the GEAR. With conditions as they are, no one can tell from one day to the next what will happen, and it is, therefore, up to every active person in each and every one of our chapters to do everything possible to maintain his chapter

in particular, and the fraternity as a whole.

Some of these schools where the Navy program is being adopted may not have much difficulty in doing this as the navy men will be permitted to engage in campus activities. Also, there may be men who are classified as A2, and even though the Chapter drops down to a dozen men, it will be far better to continue with a limited membership and practically no activity than to close the chapter out entirely.

I sincerely believe that when this war is over and the period of readjustment takes place, our fraternity can play an important part in the lives of most of its members, and it therefore behooves us to keep it together and going. While it is true we may not be offering much of a program today, I do believe that the training received in chapter management does play an important part in the success of these men in their fields.

Furthermore, when the war is over there will be a long period of readjustment in which the fraternity can really do its part. It is, therefore, my recommendation that each chapter be maintained to the highest possible



Russell G. Glass

stage with the same type of men we have been initiating in the past. If this is done, our own program of re-establishing any chapters which do fall by the wayside will be made much easier.

I want to take this opportunity of wishing the fraternity as a whole the best of luck, and if it is my pleasure to ever meet any of the men, they may be assured a hearty Theta Tau welcome.

Stiver, Omicron '35, Cited for Bravery

One of 19 men cited by the war department for gallantry in action was Capt. Neil J. Stiver, Omicron '35, of Des Moines, member of the Corps of Engineers. He received the Silver Star.

His citation was the result of his action with other engineers at Milne Bay, New Guinea, August 26-29, 1942. According to dispatches at the time, the engineers left their spades and tools to repulse a Jap landing party.

Brother Stiver's wife, the former Vera Hall, Drake University music graduate, is now a member of the WAAC.

After attending Missouri Military Academy, Drake, and Iowa State College, Brother Stiver graduated from the State University of Iowa. He entered the service in 1940 and left for foreign duty in January, 1942. He operated a garage in Des Moines



Neil J. Stiver.

in the interim between his terms at the State College and the State University.

—Des Moines Tribune

E. S. Borgquist, Lambda '11, Heads C.E. Dept. at Arizona

After sixteen years' teaching service in Arizona, Professor E. S. Borgquist has been advanced to the position of Head of the Department of Civil Engineering, at the University of Arizona.

Brother Borgquist (Lambda, 1911), together with Brother Harold A. Jimsen of Zeta Chapter, was instrumental in bringing Theta Tau to the Ari-

zona campus. A few years after arriving in Arizona, he helped establish a local professional engineering fraternity, Pi Delta Tau, which later petitioned Theta Tau and was granted a charter. Chi Chapter was established April 23, 1930. Since its inception, Chi Chapter has had Professor Borgquist as Chapter adviser, a position which he still holds.



E. S. Borgquist

During his time as a student, Brother Borgquist was connected with the U-Techs at the University of Utah. This organization later petitioned Theta Tau and was granted a charter, thus establishing Lambda Chapter in Salt Lake City. Brother Borgquist was graduated from the University of Utah with a B.S. degree in Civil Engineering in 1911, and five years later, received the C.E. degree upon presentation of a report and thesis at the University of Utah.

Professor Borgquist began his professional engineering career as a Junior

Engineer with the U. S. Reclamation Service on the Strawberry Valley Project in Utah in 1911. He later served with the State Engineering Forces in Utah where he was Resident Engineer on construction on the Prute Dam. He entered the Armed Services in the First World War and became a First Lieutenant of Engineers, serving in France 2½ years ago with an Engineer unit.

After the war, he became Resident Engineer with the Utah State Highway Commission and worked up in position to Assistant Chief Engineer. He has left many monuments in concrete and steel in the form of roads, bridges, canals, and dams constructed under his engineering supervision.

He went to Arizona in the Fall of 1926, and has served continuously with the Department of Civil Engineering since that time. His special field is hydraulics and water supply and sewage.

Besides maintaining an active membership in Theta Tau, Brother Borgquist is a member of Tau Beta Pi, the American Association of Engineers, the American Society of Civil Engineers, and the Society for the Promotion of Engineering Education, as well as being an active member of the Arizona Sewage and Water Works Association, of which he is now Vice-President.

Russell Johnston Parker, Gamma '19, Assistant to the President, Kennecott Copper Co.

Prospecting for alluvial diamonds, reconnaissance expeditions into undeveloped regions of the Dark Continent, the mapping and geologizing of two thousand square miles of Northern Rhodesia, and finally a key part

in the momentous mining developments from which emerged the Roan Antelope and Mulfulura Mines and others of the now-famous Rhodesian coppers—such are a few of the enviable experiences which have high-

lighted the career of the native Coloradoan, lately returned from twenty-three years in South Africa and England, who now occupies the post of assistant to the president of Kennecott Copper Corporation.

Brother Parker was born in Olney Springs, Colorado, August 31, 1897, the son of Sarah J. and D. W. Parker. Following primary schooling in the little mountain town of Crestone, high in the Sangre de Cristo range of the Colorado Rockies, he attended West Denver High School before entering the Colorado School of Mines, from which he received his Mining Engineer's degree in 1919.

Brother Parker's choice of a foreign field was no accident, but the realization of a fixed resolve. Immediately following his graduation, he spent five years in the Kasai district of the Belgian Congo prospecting and mining alluvial diamonds for the Société Internationale Forestière et Minière du Congo. This work involved long expeditions on foot through country which was then just beginning to be opened up. On a typical diamond mining operation, one white man had charge of as many as a thousand natives.

At the end of this period, he made a reconnaissance trip across Africa to the head of the railway at Bukama on the Lualaba River, whence he proceeded down through the Katanga copper belt into Northern Rhodesia. Here he formed his own impression that big mining developments were impending and, with the objective of associating himself with a strong mining company interested in Rhodesia, lost no time in reaching London. After some delay, he was finally commissioned by Selection Trust, Ltd., to carry out a broad program of mine



Russell Johnston Parker

examination work covering options which the company had secured on scattered copper properties in Northern Rhodesia. The Roan Antelope claims were among these options, and it was here that the first of the large sulphide mines of the Rhodesian Copper Belt was developed. As a result of his early experience in Northern Rhodesia, he formed a theory involving the association of copper deposits with certain feldspathic sediments, and was later given an opportunity to apply his hunches when Selection Trust took over the N'kana Concession. Here Brother Parker planned and carried out the geological survey and development of 2,000 square miles in the heart of the Copper Belt. The exploration work he directed resulted in the successful development of Mufulira Mine, one of the most amazing orebodies of recent copper mining history, as well as several smaller properties which have not yet been completely developed.

In 1931, he went to the London

office of Selection Trust to become Assistant to Arthur Storke, managing director of Roan Antelope and Mulfulira Companies and filled his position continuously until June, 1942. In 1935, he was made a director of Roan Antelope Copper Mines, Ltd., and Rhodesian Selection Trust, Ltd., and in 1938, became managing director of Consolidated African Selection Trust, Ltd., and Sierra Leone Selection Trust, Ltd. The two latter companies were engaged in mining alluvial diamonds on a large scale in the British West African Colonies of Gold Coast and Sierra Leone.

In June, 1942, Brother Parker resigned from the Selection Trust group of companies to take up his present duties as assistant to the president of Kennecott Copper Corporation, with

headquarters at the company's office in New York City, where he now makes his home at 12 East 86th Street. In addition he holds the offices of vice-president and director of Alaska Development and Mineral Company, and is a director of the Utah Copper Company, the Bingham and Garfield Railroad, and the Gallup-American Coal Mining Company. He is a member and vice-president of the Institution of Mining and Metallurgy, the Society of Economic Geologies, and other professional societies.

He married Mildred Best in London, England, in 1927, and has three children—Michael, Patrick, and Ann.

As a boy, Brother Parker came to know intimately the sport for which Colorado's streams are famous. Trout fishing is still his favorite pastime.

—*Explosive Engineer Magazine*

Hugh M. Connors, Gamma '22, Wins Majority

Hugh M. Connors, Gamma '22, was called to service August 1941 and sent to Ft. Belvoir, Virginia, for training and assigned as Captain in command of a company at Belvoir. In May 1942 he was transferred to Camp Edwards, Mass., and promoted to Major, 332nd E.S.R.

—*Mines Magazine*



Hugh M. Connors

*John W. Buch, Zeta '23,
Gets Promotion*

John W. Buch, Zeta '23, assistant professor of mining engineering at the Pennsylvania State College, has been named chief of the coal economics division, economics and statistics branch, U. S. Bureau of Mines in Washington.

A.I.M.M.E. Magazine



John W. Buch

George Sowers Wins Bliss Award

George F. Sowers, Delta '43, recently was given the Philip Bliss award of \$100 and the President Wickenden award of a War Bond for his contribution to scholastic and campus life at the Case School of Applied Science.

George, a top notch student, has

proved to be a chip off the old block, being the son of George B. Sowers, '13, a well known consulting engineer. The award of a professional degree to George B. Sowers coincided with his son's graduation making possible the accompanying picture.



George F. Sowers—George B. Sowers

Robert C. Weed Receives Silver Cross

Lieutenant Robert C. Weed, Beta '42, has been awarded the Army Silver Cross for gallantry in North Africa according to an official announcement about March 11th. The announcement stated that Lt. Weed, serving



Robert C. Weed

with the combat engineers, requested and received permission to lead a group of five volunteers to scout enemy positions in North Africa. In carrying out the assignment under constant enemy rifle and machine gun fire, Weed was reported to have killed two Germans and his men wounded others. The group led by Weed routed a strong enemy patrol during the scouting expedition.

Lieutenant Weed was one of seven, four from the midwest, who received the Silver Star.

Brother Weed entered the army June 16, 1942, with the combat engineers following his graduation from the Michigan College of Mining. In his letters of late, Brother Weed had indicated that he has had some interesting experiences in North Africa, and that he has slept under a roof only once since November 7. Those men who knew Brother Weed at Michigan Tech know that he is up to all this, and that he is no one to let hardships bother him.

James J. Doland, Kappa '14

Prof. James J. Doland, Kappa '14, nationally-known authority on civil engineering has been in Washington as an adviser to the War Department on various engineering phases of the new U. S. program for training soldiers in colleges and universities. Brother Doland is not a stranger in Washington. Since 1916 he has served as an Associate Water Consultant to the National Resources Planning Board. He is also the author of several well-known books dealing with water supply.

U. of Ill. Alumni Magazine



James J. Doland

Harold Eads Receives Major's Commission

Harold E. Eads, Gamma '30, entered the service in the Philippines last year and was commissioned Captain in the Air Corps and assigned to Fort Santiago, Manila. In May of this year he was promoted to Major and transferred to Australia. Now he is engaged in active duty in various sections of the South Pacific.

—*Mines Magazine*



Major Harold E. Eads

Present Chapter Advisers

Alpha—Fred Teske, Alpha '26 (Acting)

Beta—Leo F. Duggan, Beta Hon. '12

Gamma—M. I. Signer, Iota '22

Delta—L. J. Reardon, Delta '27

Epsilon—Howell Williams, Epsilon '20

Zeta—G. W. Bradshaw, Zeta '21

Theta—A. D. Hinckley, Theta '27

Iota—Clair V. Mann, Hon. Iota '14

Lambda—George W. Carter, Lambda '33

Mu—James M. Faircloth, Rho '28

Nu—J. M. Daniels, Hon. Nu '22

Omicron—J. W. Howe, Omicron '24 (Acting)

Pi—E. J. Oglesby, Pi Hon.

Rho—T. C. Brown, Rho Hon. '31

W. F. Babcock, Rho Hon. '39

Sigma—Claude H. Wall, Sigma '20

Tau—Edward F. Berry, Tau '13

Upsilon—William B. Stelzner, Upsilon Hon. '07

Phi—George P. Springer, Phi '11

Harry L. Solberg, Phi '21

Chi—E. S. Borgquist, Lambda '11

Psi—O. A. Dingman, Zeta '14

Omega—James D. Bump, Omega '29

Gamma Beta—Norman B. Ames, Gamma Beta '17

Delta Beta—H. H. Fenwick, Delta Beta '23

W. R. Barnes, Delta Beta '37

Additions to Membership

ALPHA

- 411 John H. Samsen, St. Paul, Minn.
 414 to 418 was published in Spring issue of 1942
 419 C. A. Thomson, Cornell, Wis.
 440 Elmer E. C. Malkow, Owatonna, Minn.
 441 Harry R. Dahlberg, Minneapolis, Minn.
 442 Miles B. Olson, St. Paul, Minn.
 443 Robert R. Anderson, St. Paul, Minn.
 444 John Brand Maxness, Foley, Minn.

BETA

- 121 Henry Otto Beard, Jr., Detroit, Mich.
 122 Sidney Howard DePriest, Jr., Montgomery, Ala.
 123 James Wilbur Martin, LaPorte, Mich.
 124 Robert Maximo Anolin, Calumet, Mich.
 125 Robert Carlisle Grand, Cleveland, Ohio
 126 Waldemar Arthur Knoll, Jr., Ironwood, Mich.
 127 Robert William Poull, Lake Linden, Mich.
 128 William Robert Sutherland, East Cleveland, Ohio
 129 John Alfred Jefferys, Toledo, Ohio
 130 Edgar William Lebowitz, Iron Mountain, Mich.
 131 Kenneth Ross Marsh, Royal Oak, Mich.
 132 Robert Earle Vander Klipp, Grand Rapids, Mich.
 133 Howard John Comstock, Detroit, Mich.
 134 Billy Jay Ellerhorpe, Detroit, Mich.
 135 William Bruce Cary, Detroit, Mich.
 136 Owen Howard Kane, Ironwood, Mich.
 137 Orrin Hughlet Wright, Barrow, Florida
 138 Bernard Elmer Beckner, Detroit, Mich.
 139 Edward Paul Scott, Benton Harbor, Mich.

GAMMA

- 141 William Francis McNamara, Walden, Colo.
 144 Frederick Charles Aldrich, Long Beach, Calif.
 147 John F. Press, Bronzville, New York
 148 Horace Dell Redding, Denver, Colo.
 149 Ralph Charles Trimble, Jr., La Junta, Colo.
 190 Robert Edwin Kenney, Denver, Colo.
 191 John Milton Hunt, Greeley, Colo.
 192 Ernest Robin Anderson, Vancouver, B. C., Canada
 193 Howard Charlton Smith, North Tonawanda, N. Y.
 194 Thomas E. Phipps, Denver, Colo.
 195 Robert Warren Keil, Denver, Colo.
 196 Robert Helt Everett, Golden, Colo.
 197 James Bernard Kenney, Denver, Colo.
 198 Charles William Brown, Denver, Colo.
 199 Robert Alton Hopper, Denver, Colo.

- 600 Joseph Leo Murphy, Canon City, Colo.
 601 Gene Volpi, Burbank, Calif.
 602 Edwin Stanton Rugg, Denver, Colo.
 603 Robert Harris Gallahue, Jr., Excelsior, Minn.
 604 Harry Clyde Bishop, Jr., Bowawa, Nev.
 605 Francis Worthington Mann, Denver, Colo.

DELTA

- 481 Calvin Byron Dalton, Shaker Heights, Ohio
 484 Richard Earl Israelsbrook, Buffalo, N. Y.
 485 Richard John Martin, Lakewood, Ohio
 486 John Richard Reitz, Cleveland, Ohio
 487 Edwin Richard Schellenstrager, Shaker Heights, Ohio
 488 William Joseph Schrenk, Jr., Sandusky, Ohio
 489 Charles Allan Schurr, Lakewood, Ohio
 490 Ralph Charles Snow, Cleveland, Ohio
 491 Genio Radin Vitantonio, Cleveland Heights, Ohio
 492 Fred Albert Yanny, Strasburg, Ohio
 493 Paul Leslie Hoover, Mansfield, Ohio
 494 Wesley Pope Sykes, Brockville, Ohio
 495 William Elgin Wickenden, Cleveland Heights, Ohio
 496 Albert Lewis Buetti, Coshocton, Ohio
 497 Robert Walter Bastian, Cayahoga Falls, Ohio
 498 Anton Jacob Eichmuller, Parma, Ohio
 499 Charles Robert Karcher, Cleveland, Ohio
 500 Edward Howard Koupke, Cleveland, Ohio
 501 Henry V. Kominck, Lakewood, Ohio
 502 Edward Louis Kovachy, North Olmsted, Ohio
 503 John Wirt Lewis, Cleveland Heights, Ohio
 504 Ernest Harry Mansel, Cleveland, Ohio
 505 Milton Gene Pollock, Parma, Ohio
 506 Fred James Schrober, Fairview Village, Ohio
 507 Russell Ellis Umbenhauer, Jr., Canton, Ohio

EPSILON

- 518 Carlton James Leith, Madison, Wis.
 519 Patrick Bernard McGrath, Alhambra, Calif.
 520 Lawrence George Eginton, Long Beach, Calif.
 521 George Hensrud Larsen, Burlingame, Calif.
 522 Peter Warren Gesser, Berkeley, Calif.
 523 Robert William Hongola, Chino, Calif.
 524 John Adair Bogard, Berkeley, Calif.
 525 William Frederick Cox, Alameda, Calif.
 526 James Robert Dunn, Burlingame, Calif.

- 127 Wilbur Herbert Somerton, Long Beach, Calif.
 128 Perry Wesley Holograf, Long Beach, Calif.
 129 Magnus Waldemar Kjelsberg, Oakland, Calif.
 130 Forrest Clinton Griggs, Jr., Eureka, Calif.
 131 David Wesley Mitchell, San Francisco, Calif.
 132 John Joseph Reed, Los Angeles, Calif.
 133 Duncan Joseph McNeil, Los Angeles, Calif.
 134 James Plummer Morgan, Pasadena, Calif.
 135 Lee Andrew Tume, Jr., Oakland, Calif.
 136 Karl Alfred Parker, Stockton, Calif.
 137 Charles Alfred B. Cleeves, La Crescenta, Calif.
 138 Guy Clarence Abrahamson, Whittier, Calif.
 139 Manuel George Bonilla, Sacramento, Calif.
 140 Preston Tuthill Mencher, Carmel, Calif.
 141 John Ravenhurst Kinzie, Topeka, Kan.
 142 Melvin Paul Landis, Wichita, Kan.
- 143 William Pearson Cook, III, Brightwaters, New York
 144 John Pearson Bartels, New York City
 145 Kenneth M. Lopez, Mexico, D.F., Mexico
 146 David Donaldson, New York City
 147 Fernando Leon, Nanuet, N. Y.
 148 William West Winter, Jr., New York City
 149 William Victor Storch, Jr., New York City
 150 William Mackenzie Webb, Leonia, N. J.
 151 William Lawrence MacMichael, Mansfield, Ohio
 152 Roland Arthur Kurlik, Bagutta, N. J.
 153 Arthur Raymond Allshon, Long Island, N. Y.
 154 James Kostas Rosen, New York City
 155 Henry Charles Beck, Bronx, N. Y.
 156 Ralph Roy Sternberg, Long Island City, N. Y.
 157 William Joseph Ubrich, North Canton, Ohio
 158 Robert William Schubert, Germantown, Pa.
 159 James Francis Burns, Jr., Teaneck, N. J.
 160 George William Michalek, Cliffside, N. J.
 161 Albert Arthur Shanks, North Tarrytown, N. Y.
 162 Gilbert Meredith Turner, Fair Haven, N. J.
 163 Walter Henry Richters, New York City
 164 Henry Gordon Bonin, New York City
 165 Norris Matthews, Richmond Hill, N. Y.
 166 Arthur George Spiros, Brooklyn, N. Y.
 167 John Krensis Mladinov, Tacoma, Wash.

ZETA

Numbers of the following men were corrected since last publication:

- 447 Charles Vernon Foster, Parsons, Kan.
 448 Robert Lee Brothers, Cheneyvale, Kan.
 449 John Frederick Williams, Troy, N. Y.
 450 Robert Arthur Meredith, Lincoln, Kan.
 451 Burnley Miles Asel, Lawrence, Kan.
 452 Gerald Daniel Dean, Glen Elder, Kan.
 453 David Frank Shoad, Lawrence, Kan.

NEW INITIATES

- 454 Francis William VanBentham, Atchison, Kansas
 455 Charles William Bohler, Ellis, Kan.
 456 James Gault Jacobs, Jr., Mankato, Kan.
 457 Kenneth Dale Murphy, Independence, Kan.
 458 Clair Lee Summers, Elkworth, Kan.
 459 Orvie Herman Hempler, Phillipsburg, Kan.
 460 Harold Lee Nelson, Larned, Kan.
 461 Charles Jay Blin, Perry, Kan.
 462 John Oldham Pious, Lawrence, Kan.
 463 Eldon Richard Todd, Lawrence, Kan.
 464 John Young Waugh, Eskridge, Kan.
 465 Ralph Waldo May, Okaloosa, Kan.
 466 Frank Edwin Sims, Baxter Springs, Kan.

THETA

- 556 Robert Leland Smith, Brooklyn, N. Y.
 557 Francis Harold Laxer, Corvosa, N. Y.
 558 Benedict Francis Melucci, New York City
 559 Theodore Roberti, Elizabeth, N. J.
 560 Francis Xavier McCaffery, New York City

IOTA

- 448 Willis Howell Clark, Fort Worth, Tex.
 449 John Allen Cooper, Hurley, N. M.
 450 Charles Alfred Dick, Paris, Tenn.
 451 Ralph John Feldhaus, St. Louis, Mo.
 452 Charles Donald Geiger, California, Mo.
 453 Leo Eldon Goodwin, Palerino, Ill.
 454 John Charles Hovey, Springfield, Mo.
 455 Frederick John Kaderich, Greenfield, Mass.
 456 Robert Frederick Schmidt, Hinsdale, Ill.
 457 Donald Statler Smith, Salem, Mo.
 458 Richard David Wheat, Springfield, Mo.
 459 Joe Beatty Butler, Yates Center, Kan.
 460 John Henry Bostjar, Hannibal, Mo.
 461 Paul Fleming Carlton, Rolla, Mo.
 462 Robert Allen Crosby, Kirkwood, Mo.
 463 Wesley Jay Dolginoff, Sedalia, Mo.
 464 Russell Elliott Frame, Rolla, Mo.
 465 William Jarrard Goodwin, Ft. McClellan, Ala.
 466 Glendon Dewey Jett, Washington, Mo.
 467 Robert Hall Kendall, Webster Groves, Mo.
 468 Matthew Kerper, St. Louis, Mo.
 469 George James Miller, St. Louis, Mo.
 470 John Morris Moore, Jr., Camp Crowder, Mo.

- 471 Robert Palmer McMath, St. Louis, Mo.
 472 Ormond Morris Severi, St. Louis, Mo.
 473 John Herman Van Os, St. Louis, Mo.
 474 Kenneth Norman Wygant, Rock Stream, N. Y.

LAMBDA

- 413 Latt Creer Nielsen, Sandy, Utah
 414 Claron E. Nelson, Salt Lake City, Utah
 415 Dale Shirley Worden, Salt Lake City, Utah
 416 Wayne Abbott Swenson, Salt Lake City, Utah
 417 Robert Ostler Vance, Ogden, Utah
 418 Abram H. Brewster, Salt Lake City, Utah
 419 Burnell Fred Fowler, Smoot, Utah
 420 Sidney Lusher Case, Jr., Salt Lake City, Utah
 421 Robert Barlow Barker, Salt Lake City, Utah
 422 Glen Elwood Eggleston, Salt Lake City, Utah
 423 Claude Elmo Middleton, Salt Lake City, Utah
 424 Jay Leon Gleason, Lark, Utah
 425 Richard Donald Van Derck, Salt Lake City, Utah
 426 John William Jenkins, Salt Lake City, Utah
 427 Lyle D. Connell, Ogden, Utah
 428 G. C. Earl, Salt Lake City, Utah
 429 Earl E. Hicks, Salt Lake City, Utah
 430 Keith Hyrum Bates, Salt Lake City, Utah
 431 James Warren Sonnenicht, Salt Lake City, Utah
 432 William James Lucas, Ogden, Utah
 433 Benson Hayward Edwards, Salt Lake City, Utah
 434 Frederick Lucas Richardson, Philadelphia, Pa.
 435 Robert Edmund Bell, Salt Lake City, Utah
 436 Warren Powers Grundfor, Salt Lake City, Utah
 437 Curtis Stanley Rhoad, Ogden, Utah
 438 Morton C. Larson, Salt Lake City, Utah
 439 Conrad Phyll Horne, Tremonton, Utah
 440 Donald Lott Fox, Lohi, Utah
 441 Thomas Elza Lucas, Ogden, Utah
 442 Lyle Osborne Wahlquist, Salt Lake City, Utah
 443 Charles Raymond Varley, Salt Lake City, Utah
 444 Kenneth Ray Wyatt, Magna, Utah

NU

- 167 Robert Eugene Phillips, Dallas, Texas
 168 Robert Warren Culbertson, Pittsburgh, Pa.
 169 Robert Earl Neas, Allison Park, Pa.
 170 James Eugene Horis, Ironton, Ohio
 171 Earl William Oberinger, Pittsburgh, Pa.
 172 Theodore Myles Bollen, Pittsburgh, Pa.
 173 Robert Marvin Dudd, Omaha, Neb.

- 174 Robert Arnold Wenston, Pittsburgh, Pa.
 175 William Herbert Newton, West View, Pa.

OMICRON

- 271 Eugene John Hogan, Iowa City, Iowa
 272 James Peter Huber, Molineville, Iowa
 273 Joseph Carl Greshow, Dubuque, Iowa
 274 Charles William Jondak, Cedar Rapids, Iowa
 275 William Edward Schweitzer, Cleveland, Ohio

PI

- 276 George Ruti Andrews, III, Rutherford, N. J.
 277 Avery Carlin, Charlottesville, Va.
 278 Ralph Sales Fessler, Jr., Winchester, Va.
 279 Harold Robert Hunsell, Maplewood, N. J.
 280 James Richard Eden, Berryville, Va.
 281 Alexander Patton Jamison, Charlottesville, Va.
 282 William Max Kelly, Portsmouth, Va.
 283 Linwood Allen Lacy, Charlottesville, Va.
 284 Preston Pope Lee, Washington, D. C.
 285 William Francis Markwood, Jr., Charlottesville, Va.
 286 William Waverly Miller, Jr., Wyomissing, Pa.
 287 Ralph Eli O'Dette, New York City
 288 Theodore Thomas Patterson, Jr., (USN) Postmaster, N. Y.
 289 Robert Burland Payne, Salt Lake City, Utah
 290 Joseph Bernard Sadler, Norfolk, Va.
 291 John Tinnison Tierce, Alexandria, Va.
 292 Harold Evers Witherley, Jr., Hagerstown, Md.
 293 William Robert Winbrow, Machipongo, Va.
 294 William Dulany Wood, Earlysville, Va.

RHO

- 295 Charles Thomas Rhyme, Jr., Newport, Tenn.
 296 Willard Farrington Babcock, Cambridge, Mass.
 297 Theodore Cecil Brown, Ashland, Ky.
 298 Douglas Alwyn Craven, Fayetteville, N. C.
 299 Joseph Kendall Betts, Woodbury, N. J.
 300 Clarence Ninian Steele, Statesville, N. C.
 301 Robert Walter Smithwick, Jr., Lenoirburg, N. C.
 302 Arthur Cliff Spauld, Jr., Goldsboro, N. C.
 303 James Bramley Lambeth, High Point, N. C.
 304 Stanley Arthur Toiser, Henderson, N. C.
 305 Frank Shirley Boyer, Rocky Mount, N. C.
 306 Henry Gilmore, Jr., Fairhaven, Mass.
 307 William Roy Hayes, Jr., Norfolk, N. C.

- 298 James A. Huffman, Little Neck, Long Island
 299 Preston Douglas Page, Fairmont, N. C.
 300 Carlyle Aubrey Wiggins, Kinston, N. C.
 301 Floyd Powell Barnes, Henderson, N. C.

SIGMA

- 211 Norman Beinwenger, Cleveland, Ohio
 212 James William Calk, Lima, Ohio
 213 Francis Donald Dickson, Schenectady, N. Y.
 214 William S. Gresham, Schenectady, N. Y.
 215 Gerald William Hindol, Deviden, Ohio
 216 Harold Emerson Kohler, Mansfield, Ohio
 217 John Christ Mlansofsky, New Milford, Ohio
 218 Robert Jerome Reel, Columbus, Ohio
 219
 220 David Jenks Mason, Lorain, Ohio
 221
 222 George Harvey Montgomery, Jr., Brookville, Ohio
 223 Oran Danylske, Warren, Ohio
 224 William Joseph DeBuman, Tiffin, Ohio
 225 Carl Frederick Wall, Tiffin, Ohio
 226 Robert C. Stewart, Clairville, Ohio
 227 William Richard Prince, Columbus, Ohio
 228 Nathan Paul Foljame, Madison, Wis.
 229 Edward Joseph Komatowski, Toledo, Ohio
 230 Victor Charles Smith, Jr., Dayton, Ohio
 231 William Hamilton Cameron, Dayton, Ohio
 232 Norman Taylor Carter, Zanesville, Ohio
 233 Ernest Leroy Spencer, Warren, Ohio
 234
 235 Lewis Coulter Hallinger, Zanesville, Ohio
 236 Richard Dason Mitchell, Columbus, Ohio

TAU

- 221 Donald Bakeman, Atlanta, Ga.
 222 Julius August Brenner, Syracuse, N. Y.
 223 Jack Christopher, Syracuse, N. Y.
 224 Harrison Frederick Dunbrook, Watertown, N. Y.
 225 Donald Edward Francis, Syracuse, N. Y.
 226 Harold Frederick Grinner, Palmyra, N. Y.
 227 Paul Williams Herzog, Syracuse, N. Y.
 228 Francis Patrick King, Jr., Syracuse, N. Y.
 229 Edward Joseph Kackut, Painesville, N. J.
 230 James Richard Lakin, Binghamton, N. Y.
 231 Norman Berry Levey, Syracuse, N. Y.
 232 Donald Andrew Knier, Syracuse, N. Y.
 233 Dante A. Ross, Syracuse, N. Y.
 234 Harold Martin Smith, Syracuse, N. Y.
 235 John Francis Welch, Syracuse, N. Y.
 236 John Henry Lynch, Syracuse, N. Y.
 237 H. Eugene Taylor, Jamesville, N. Y.
 238 Earl Frank Church, Syracuse, N. Y.
 239 Howard Arthur Kallanich, Dewitt, N. Y.
 240 Edward Harvey Snyder, Alexandria, Va.

- 301 George Myron Neyer, Syracuse, N. Y.
 302 Raymond Andrew Reschke, Syracuse, N. Y.
 303 John W. Palucki, Charleroi, Pa.

UPSILON

- 190 Jack Vassar Berry, Manila, Ark.
 191 Jasper Earl Tullon, Warren, Ark.
 192 Lawrence O. Gregory, Lexa, Ark.
 193 Robert Harry Kuhlman, Little Rock, Ark.
 194 Robert Warren Tardy, Helena, Ark.
 195 James Kerry Trimble, Berryville, Ark.
 196 Joseph Edward Reynolds, Jr., Salina, Okla.
 197 Robert H. Combs, El Dorado, Ark.
 198 Dill Gus McFarland, Nashville, Ark.
 199 Paul Anthony Kermody, Beason, N. Y.
 200 James Olin Brown, Rogers, Ark.
 201 James Brun Johnson, Fort Smith, Ark.
 202 Hugh Franklin Robinson, Miami, Okla.
 203 Hiram Francis Brandon, Ft. Smith, Ark.
 204 Garnett Louis Rabenock, Pine Bluff, Ark.
 205 Ralph Johnson, Jr., Menz, Ark.

PHI

- 179 Richard Allen Robinson, Chicago, Ill.
 180 Joseph Casey Kotarski, Whiting, Ind.
 181 John William Mayhew, Chicago, Ill.
 182 Charles Anthony Micheli, Calvert City, Ill.
 183 Max Paul Shandhaugh, Ft. Wayne, Ind.
 184 Carl Theodore Androff, Hammond, Ind.
 185 Richard Andrew Strasser, Fort Wayne, Indiana
 186 Harry Robert Schwartz, Grubill, Ind.
 187 George William Dicks, Auburn, Ind.
 188 John Belton Sparling, Ft. Wayne, Ind.
 189 Carl Adolf Hofer, Ft. Wayne, Ind.

CHI

- 240 Ralph Victor Bameris, Jerome, Ariz.
 241 Fred Stanton Fiedler, Superior, Ariz.
 242 Denman Keith Holmes, Keene, N. H.
 243 Joseph Clyde Kinkaid, Globe, Ariz.
 244 Barrington Langens Long, Tucson, Ariz.
 245 Robert Muir McGeorge, Honolulu, Hawaii
 246 Frank Emmett McGinley, Flagstaff, Ariz.
 247 Richard C. Prince, Prescott, Ariz.
 248 Van Halen Swale, Superior, Ariz.
 249 Keith C. Andrus, Braham, Minn.
 250 Ralph L. Crull, Phoenix, Ariz.
 251 Frank Lewis Culin, San Luis Obispo, Calif.
 252 John W. F. Dulles, New York City
 253 Rexce Judson Dunaway, Coolidge, Ariz.
 254 Grant R. Ellsworth, Mesa, Ariz.
 255 Edward Leroy Jones, III, Scottsdale, Ariz.
 256 Richard Charles Mullen, Jerome, Ariz.
 257 C. Frank Nance, Bisbee, Ariz.
 258 William Kenneth Nourse, Tucson, Ariz.
 259 Herbert Perry Vail, Glendale, Calif.
 260 George Everett Wilbur, Gilbert, Ariz.

PSI

- 169 Laurence Louis Shoss, San Francisco, Calif.
 170 Clarence Lawrence Nordstrom, Walkerville, Mont.
 171 Henry John Roletto, Walkerville, Mont.
 172 Terence G. Kirkland, Glasgow, Mont.
 173 Clarence Wells, Jr., Anaconda, Mont.
 174 Clinton Leslie Miller, Jr., Coeur d'Alene, Idaho
 175 Edwin Walter Stevens, Walla Walla, Wash.
 176 Emmet Michael Gilmore, Butte, Mont.
 177 Robert Emmatt Sullivan, Butte, Mont.
 178 John X. Combo, Butte, Mont.
 179 Edward Daniel King, Butte, Mont.
 180 Robert Charles Lyford, Butte, Mont.
 181 Jean Alan Hardisty, Billings, Mont.
 182 Terry Gerald Horne, Lethbridge, Alberta, Canada
 183 Robert Lindon Burns, Kalispel, Mont.
 184 Jack Bernard McCoy, Anaconda, Mont.
 185 Herbert Carl Eck, Anaconda, Mont.
 186 Sidney Leigh Engstrom, Missoula, Mont.
 187 Robert Glen Thompson, Kalispel, Mont.
 188 Harold Nils S. Johnson, Anaconda, Mont.
 189 Jack Warren Nordquist, Anaconda, Mont.
 190 Thomas Murdock McKenzie, Anaconda, Mont.
 191 Alfred Sutherland, Norwood, Mass.
 192 Vinton Arthur Sternitz, Corwin Springs, Mont.
- OMEGA
- 171 Thomas E. Frame, Dugess, S. D.
 176 Blair Linton Molander, Faulkton, S. D.
 177 Gordon Rolide Ingwersen, Sioux Falls, S. D.
 178 Lewis Wesley Morcom, Lead, S. D.
 179 Edward Charles DeLand, Rapid City, S. D.
 180 Charles P. F. Boka, Rapid City, S. D.
 181 Elmer L. Brevik, Watertown, S. D.
 182 Howard K. House, Salem, S. D.
 183 Arden Eric Swanson, Lead, S. D.
 184 Walter Edward Norman, Rapid City, S. D.
 185 Joseph James Rowett, Jr., Sturgis, S. D.
 186 Dominic Ray Veronda, Lead, S. D.
- 187 Dennis Robert Benson, Rapid City, S. D.
 188 Richard Louis Taylor, Rapid City, S. D.
 189 William Seaton Hanson, Jr., Pierre, S. D.
 190 Jack Reed Clanton, Forest City, Mo.
 191 Howard H. Walls, Hitchcock, S. D.
 192 Ralph Glover Mickle, Jr., Rapid City, S. D.
 193 Robert Lyle Kulpaca, Lead, S. D.
 194 Jack Elliot Nelson, Belle Fourche, S. D.
 195 Clarence Albert Dickey, Spearfish, S. D.
 196 Robert LeRoy Sandvig, Lead, S. D.
 197 Lawrence Arthur Allen, Rapid City, S. D.
 198 Durwood Donald Ruinecke, Seneca, S. D.
 199 William Reznick Benn, Kennebec, S. D.
 200 William Ensley Morse, Jr., Rapid City, S. D.
 201 Robert Keith Collins, Belle Fourche, S. D.
- GAMMA BETA
- 126 Dwight Edward Shytle, Shelby, N. C.
 127 David Jenningston Carlton, Brooklyn, N. Y.
 128 Clifton Russell Williamson, Washington, D. C.
 129 Boyd Ellison Horne, W. Falls Church, Va.
 130 Albert Emil Seidler, Washington, D. C.
- DELTA BETA
- 44 Robert Edward Delahanty, Louisville, Ky.
 45 Leo George Kuhn, Jr., Louisville, Ky.
 66 Russell D. Harned, Louisville, Ky.
 67 Neil Shaw Balfour, Louisville, Ky.
 68 Charles Joseph Crash, Louisville, Ky.
 69 Earl F. Gibbons, Cumberland County, Ky.
 70 Charles Jackson Youngblood, Jr., Mobile, Ala.
 71 Vaughn Anderson, Jeffertown, Ky.
 72 Richard White, Louisville, Ky.
 73 Jack Nicholas Danheiser, Louisville, Ky.
 74 George Joseph Ellerhamp, Pekin, Ill.
 75 Thomas McLean Sumner, Louisville, Ky.
 76 Robert Lee Conley, Louisville, Ky.
 77 Thomas Francis Henly, Detroit, Mich.
 78 James Robert Whitehead, Louisville, Ky.
 79 Robert J. Ditto, Louisville, Ky.

Letters to Editors

January 28, 1943

Dear Brother Howe:

How is the fraternity making out this year? Many are the times I've recalled past experiences in fraternity life. Occasionally we "shoot the bull" about our college days and

it is with pride I can say I belonged to a Professional Engineering Fraternity.

Just to give you a very brief summary of what I'm doing nowadays. I'm a navigator on B-17's, the Flying Fortress, and am well along in my training here. We really are

proud of these 17's and consider it lucky to fly in them.

Lately, we've been making cross-country flights and of course that agrees with everyone.

Our training is quite intensive and at times we are really "on the go." You undoubtedly have some idea of the "makeup" of a heavy bombardment crew and what they do, etc., from the papers. It is interesting and keeps on becoming more so.

I must retire soon as we go up again early tomorrow. I'm expecting to spend a few days at home soon and if by chance I'm in Iowa City long I will try to drop by the Engineering building.

Hope this finds Omicron "on the ball" and doing okay.

Yours in H. & T.,

L. V. MAYNARD DIX, Omicron '38

Lt. Dix did drop in as he expected to and we were glad to say "Good Luck" to a swell guy who is doing an important job.

Rosario Club

San Juanito, Honduras, C. A.

February 23, 1943

Dear Brothers Mercer and Howe:

Please hold my Spring issue of THE GEAR until I send you a new address. Within a couple weeks—I hope—I will be leaving for "somewhere in Brazil" and from there I will let you know where to send the copy of the publication we Hammer and Ting men so anxiously await all over the world.

Since I dropped in at the Gear office for a pleasant chat with Brother Howe in March, 1941, quite a number of events have come to pass in my personal life. For two and a half months that summer I was in charge of the engineering office while the boss was in the states on vacation, and in August, 1941, I went into the mine as Shift Boss, at my own request. On September 14, 1941, I was married to Miss Monica Harber, of Spearfish, South Dakota; we were married by the 'president del Distrito Central' in Tegucigalpa, the capital, after flying up from the coast where I had met 'the Mrs.' with a chartered plane. For a pledge about 1940 we present Will Harber-Burleson, born in Tegucigalpa on June 21, 1942; since the middle of August he and his mother have been in Rochester, Minnesota, where 'Little Bill' is having some straightening done on his feet, quite successfully at this writing. They flew out and Pan American officials informed us he was their youngest passenger thus far. For two and a half months just before the turn of the year I was temporarily Asst. Mine Foreman, and now I am waiting for someone in Washington to look

my way long enough to arrange my plane reservation, et al., to go to Beard on some kind of Purchasing Commission with the Board of Economic Warfare.

Getting 'blood from a turnip' or whatever it was would be easy compared with trying to hurry up those fellows up there. So far I have been corresponding with them since December 28th and all I have so far is a confirmation of my acceptance. And they were urging speedy acceptance because of the importance of the work in connection with a development program of strategic minerals for this war—or maybe it is for the next one. Quien sabe.

The Fall issue arrived last week and was duly appreciated. Hope the paper shortage doesn't force curtailment of your fine work.

Yours in H. & T.,

WILL A. BURLESON, Omega '37

Thanks for this interesting letter, Brother Burleson. We hope THE GEAR can continue to find you and that you will write again.

8 Mill Street

Vincennes, New Jersey

December 8, 1942

Dear Brothers:

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

After graduation last June, I was employed in the Experimental Test Department of Worthington Pump and Machinery Corp., Harrison, N. J. In August I enlisted in an Aviation Cadet in the Army Air Corps. The Second Service Command hasn't requested my services yet, but I expect to be called in the near future.

Soon after I was at Worthington, I ran across another Theta Tau there, Brother Greg Sgroi, from Tau. We did a lot of reminiscing about the Regional Convention at Gamma Beta two years ago.

On my last visit to Pi, I found that they have a serious problem facing them. Probably they have explained to the other chapters that the Governor of Virginia is putting on pressure to abolish all fraternities in State supported schools. The brothers of Pi are co-operating with the other fraternities and I certainly hope that a reasonable compromise can be worked out.

Yours in H. & T.,

W. PAUL COWGILL, Pi '42

Thanks for writing, Brother Cowgill. Between the Governor and the War, Pi must be having an interesting time. But we have our money on Pi.

1211 Park Street
Charlottesville, Virginia
January 29, 1943

Dear Editor:

The fall Gear finally caught up with me a few days back, and I enjoyed it very much. I only wish my Pi brothers would send alumni notes more frequently.

To bring myself up-to-date in your records: I graduated from advanced flight school at Luke Field, Arizona, on last October 30th, receiving my wings and commission at that time. I was assigned to a West Coast pursuit squadron, flying P-38's, for a short time. At present I am on my way overseas to have a crack at aerial combat.

Since my official address will be only a changing APO number, my permanent address (above) will be the best bet for the duration, and sending the Gear and any correspondence there will save confusion in the mails.

No more news at present.

Yours in H. & T.,

LT. J. D. (DONG) HAMM, Pi '40

Thanks for the news, Lieutenant,
and best of luck to you!

Post Engineer
Rosencrantz Field
St. Joseph, Missouri
March 1, 1943

Dear Joe:

I have been here since September 1st as Post Engineer and this work is most educational; if one's experience has not been varied, it will be when he has finished a year as Post Engineer. I have been on this work for 18 months and can't get out of it. Had orders all set once to go to Panama and then Headquarters in Omaha intercepted them and substituted another man. From your letter it sounds as though the University was planning to help the Army—would be a good thing.

Yours in H. & T.,

CAPTAIN S. R. SATRA, Omicron '37

Glad to hear from you, Rex. Congratulations on that Captaincy!

411 Magnolia Ave.
Long Beach, Calif.
March 9, 1943

Dear Joe:

Things are about the same with me since I last wrote to you. I have had two substantial raises in salary, and am now a pilot plane operator.

Not long after the last Gear came out, I received a letter from Brother E. J. Schrader

giving me the address of some brother Theta Tau in this area. I really was flattered that he should take such personal interest in me.

Well, this is about all for now.

Yours in H. & T.,

GEORGE C. FEWSON, Omicron '41

You are not the first brother to learn that Eric Schrader is interested in all Theta Taus, George. Thanks for writing and congratulations on having more money to put into bonds!

219 Gibson Avenue
De Queen, Arkansas
January 10, 1943

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

Dear Brother Howe:

My copy of THE GEAR arrived yesterday, and as usual, I resolved to drop you a line, but this time I have actually gotten around to doing it.

My address has changed, but very superficially, as street addresses in a town of 1000 population are about as necessary as glasses to a blind man. Also, I think I've acquired another little Income Tax deduction since I wrote you last. We now have two girls, Patricia Ann, age 7, and Martha Virginia, age 19 months.

I was glad to learn the whereabouts of some of the brothers, as well as to discover a brother in this same company, J. Robert Welsh, Kappa '24, with S.W.G. & E. Co. at Shreveport, La.

I was grieved to learn of Brother Dave Thornberry's death last year. He was a good friend and a faithful member of Theta Tau.

It is interesting to note how many of the brothers are in the armed forces and how many of them are well up in the ranks. That is an indication, it seems to me, of the need for technically trained men in this modern, mechanized army.

As usual, this issue is interesting all the way through; keep up the good work!

In H. & T.,

DAN R. JAMISON, Upsilon '30

Even the little income tax deductions didn't help much this year, did they Brother Jamison? However, we are all glad to be able to pay it. Money is a small thing in comparison to one's self—and many are giving both!

923 Francis Ave.
Schenectady, N. Y.
March 12, 1943

I hope the boys at Omicron are getting along O.K. Give my regards to all of them.
Yours in H. & T.,
J. P. MAY, Omicron '40

Dear Brother Howe:

I am still with General Electric and unless "Uncle Sam" thinks I can be of better service elsewhere, I shall be in Schenectady for the duration.

I received my "Gear" a short time ago and have read it from cover to cover and am now anxiously awaiting the next issue.

We are considering offering you a proof reader's position, Brother May, for we have always thought that the proof reader and the linotype operator were the only ones who read it all.

Letters to Grand Scribe

Oak Ordnance Plant
Illipolis, Illinois
February 4, 1943

It will be noted that I have been transferred from Aberdeen to this plant—in fact, several months ago. My work here has been very interesting.

I graduated with a B.S. in mining engineering. The M.S. is for my master's in metallurgy—also from the University of Arizona.

My address can only be in care of this plant for now. I was married last November and my wife lives in Decatur. However, my permanent address is 4016 Clifton, El Paso, Texas.

After leaving New Mexico I spent some two years in the high Rockies of Colorado and another in Texas before going back into the Army.

I received the last Gear and needless to say, enjoyed it immensely. I, too, think a lot of the Arizona chapter and, in fact, of anything connected with that school, for my three years there will always be remembered as being the outstanding years of my life. Thanks for writing me and may I hear from you again.

Best of luck.

In H. and T.,

IRA F. BACON, JR., Chi '29
1st Lt. Ordnance Dept.

P. O. Box 1662
Poeche, Nevada
February 15, 1943

Dear Brother Schrader:

Your very welcome letter arrived a few days ago and I was certainly glad to hear from you. Although I have been back in the States for over a year now, I have spent practically all my time up here so have not been in contact with many people.

Yes, I am probably one of the luckiest fellows in the world to get out of the Philippines when I did. I left there on November 26th on a little Norwegian freighter.

We sailed for Hongkong and then sailed from there on December 1, 1941. We sailed back down by the P. I. and through the San Bernardino straits into the Pacific. The day of Pearl Harbor, December 8 to us, we had just passed Guam; in fact, we steamed by there about 1:30 a.m. with full lights on and only about 8 miles north. That day we heard about Pearl Harbor and I would not have given much more than a plugged nickel for our chances of getting through to the States for we were practically in the midst of the Japanese Mandated Islands.

However, we started on a zig-zag course, posted sub lookouts among the passengers, and trusted to luck. There were just 8 Norwegian officers aboard, a crew of 28 Chinese, 6 male, and 1 female passengers. We had the life boats swung out and ready to launch and completely stocked with water, food, sextant, etc. However, we did not see a thing, although there were several false alarms. When you look at the sea, constantly on watch, you can see most anything.

We finally got about due south of the Hawaiian group and as we really didn't know what the score was, and because we were running short of fuel oil due to our zig-zag course, the captain decided to try to make some Hawaiian port, get some oil and very likely to get into some convoy. So we started north towards Hilo. We were about 60 miles from Johnston Islands the day that the Japs attacked there; so the captain said, "To Hell with this; we'll try to make it to San Pedro."

Several days later we got our biggest thrill, for about seven o'clock in the morning someone spotted a small dot on our after horizon. After a few minutes we could make-out that it was a plane and that it was coming toward us. The big question was "Is it Jap or an American?" The aircraft finally got closer and we could see that it was a four-motored plane and we felt a little better for we did not know of any place near enough to us, except American soil, where a large plane like

that could take off. It certainly was not a carrier-based plane. It finally got close enough for us to see the markings of the American Navy; and what a thrill that was! They flashed instructions to us and after that we were picked up every day by a plane which stayed with us in the morning for awhile and another came out just before dark.

This escort continued until we got about half-way across to the Pacific Coast from the Hawaiian. This was a sort of no-man's-land as it was too far for the patrol planes to come from either side. However, we were soon picked up by the patrol planes from the California coast and finally docked in San Pedro, California, on January 31, 1942. What a swell feeling that was and a grand way to start the new year. We landed there with just 27 tons of oil left in the tanks, not quite enough for two days running.

Soon afterwards I got a job with the American Metals Co., Ltd., and was sent up here to Pioche to take charge of a chum drilling program for lead and zinc. I have my wife and young son here with me and we like the place quite well as there are some very nice people in this town and we have been here long enough to get really acquainted.

Yes, I know Max Kennard, Lambda '34, very well. In fact, he lives right next door to me. I also know Ed Snyder, Beta '12, and have done quite a bit of business with him and we are now drilling on some of his ground. Max and I had quite a bull-session the other night when I told him that I was a Theta Tau.

There were a lot of swell Theta Taus and excellent engineers caught over in the P. I. and it makes me boiling mad to think about it. Ward Graham, Gamma '26, and Frank Delahanty, Gamma '25, two of my very good friends, were caught there with their families. I hate to think of their possible fate as I know the Japs fairly well myself, having spent over three years in Japan and Korea before going to the Philippines.

I certainly shall look you up when I get

to Reno. Thank you again for your very welcome letter. With best regards, I am,

In H. and T.,

P. A. LEWIN, Gamma '40

Woonung War Prisoners Camp
Shanghai, China

Barracks No. 3

May 30, 1942

Shanghai War Prisoners Camp
Japanese Field Post Office No. 106
Central China

Dear Folks:

I am happy to be writing that my only affliction is a first class case of homesickness. The rigours of winter have passed and the sunshine which has come with a belated spring makes living a great deal more interesting. The daily routine included inspections morning and night with three meals and six hours work interspersed throughout the day. My work is so called surveying, performed with our own improvised instruments and carried out with the same bunch of fellows I worked with on Wake.

With the possibility of mail routes opening I hope that letters will come through. Please inform all the family and friends of the above address and express my desire to hear from one and all.

Have wondered only too often if you have gone on with the plan of moving and increasing your flock of chickens. I hope these changes were possible and things are going as scheduled.

Am attending a Spanish class given by one of the men and so have something constructive to occupy my mind.

My thoughts turn to you and John all too often. There is no cause to worry in my behalf and I am optimistic concerning the hazy reunion for which we all hope.

Lovingly,

Bob

Thomas C. Landreth, Epsilon '41

This is a copy of a letter sent to his mother in September, 1942.

In Memoriam

Francis Kennedy Finan, Gamma Beta '41, was killed in action during September, 1942, presumably on Guadalcanal in the Solomon Islands. Brother Finan was a second Lieutenant in the Marine Corps at the time. Francis Finan was born in Cumberland, Maryland, on November 18, 1911, and entered George Washington University as a student of mechanical engineering in 1934. While in school he was very active in the student chap-

ter of the A.S.M.E. and served on the engineer's council. After graduation in 1941 he was employed by the Public Works Administration of the Interior Department in Washington until he entered the service of the country.

Memorial services were held for him by the alumni and actives of Gamma Beta at the meeting of October 17, 1942.

Leslie Harold Dodd, Zeta '34, died at his home in Maplewood, Missouri, on March 21, 1943. He was educated at the University of Kansas receiving the degree of B.S. in Civil Engineering in 1914. A fine student, he was elected to Tau Beta Pi and Sigma Xi honorary scholastic societies. After a varied experience as a bridge and construction engineer he became District Engineer for the American Institute of Steel Construction Inc. in 1933 and held that position at the time of his death. He was a member of the A.S.C.E. and numerous other professional societies. He attended the dinner at the St. Louis Convention in 1941. A fine engineer and a fine Theta Tau whose passing is regretted by all who knew him.

THE GEAR has been informed of the death of A. D. Wilcox, Epsilon 11, but as yet has received no further information.

Lt. Russell Samuel Gribble, Beta '41, met his death at Fort Belvoir, Virginia, in an accident while demonstrating demolition work. The accident occurred February 19, 1941. Lt. Gribble had been in the army since his graduation from Michigan College of Mining and Technology where he was the honor cadet in the R.O.T.C. On the basis of this, he was given a commission in the regular army and was sent to Fort Custer with the combat engineers. He then went to Iceland where he married Miss Mary Jean McCaleb of Battle Creek, Michigan. Lt. Gribble formerly lived in Ironwood, Michigan, where his parents still live. Besides his wife and parents, he is survived by a brother, Lt. William Gribble, and a sister. While at Michigan Tech he was an outstanding student, a member of Blue Key, and president of Tau Nu Tau. He graduated with degrees in Mining Engineering and Geology, was manager of the basket-

ball team in his senior year, and was on the rifle team for four years, being captain his last year. He had many friends on his college campus and elsewhere.

Sgt. Pilot John W. Callinan, Beta '43, was killed in active service with the R. C. A. F. March 10, 1943, at Cirencester, Gloucestershire, England. Sgt. Pilot Callinan dropped school at Michigan College of Mining and Technology where he was a third year mining student in 1941 to enlist in the R. C. A. F. He received his wings October 8, 1942, and had been in England since November of that year. Brother Callinan was born in Toronto, Ontario, Canada, where his family still live, and had his early education at De La Salle where he played hockey and football. At Michigan College of Mining and Technology he was very popular on the campus and was a good student. Surviving are John W. Callinan and Flin Flon Mines Ltd., and Mrs. Callinan and three sisters.



Russell Samuel Gribble

APOLOGY

There is a first time for everything and in the last issue THE GEAR perpetrated its first picture mixup. Apology is made to Professor Earl F. Church, honorary member of Tau Chapter, and to the Chapter, as well, for printing the picture of Brother F. Charles Boynton, Tau '43, on page 11 as Brother Church.

The GEAR of THETA TAU

OFFICIAL PUBLICATION OF THE FRATERNITY

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

Editors

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CIVILIAN OR SOLDIER?

Many a young engineering student feels that he should be in uniform to avoid the stigma of "draft dodging." This feeling has already prompted many to enlist. That enlistment takes courage is not denied, but as to whether it is best for our country is quite another matter.

The demand for engineering training becomes more and more apparent as the war goes on. For the first time in our history, the engineer is "top dog." Not only are industries practically "shanghaiing" young graduates but now the army is combing its ranks to find tens of thousands of men with aptitudes for engineering training. These young men are being put back into the colleges where they receive a course that is essentially the same as that given to civilians. It is, therefore, quite likely that those with the type of mental equipment capable of engineering thinking will find themselves going through mathematics, physics, mechanics, etc., even though wearing the uniform.

In view of this situation it is clear that civilians now in the engineering colleges can save their Uncle Sam a lot of trouble by staying there. When the enlistment bug bites they should apply a little horse sense, and remember that both the army and navy are planning to put thousands back into the engineering schools to take the

very work that those now in school are getting.

WAR PROBLEMS

Wars are hard on fraternities. Just how hard, we are about to find out. Many general fraternities are faced with the direct loss of chapter personnel and perhaps their partially-paid-for houses which can not be rented. Honorary fraternities are in the best position, since their existence does not depend upon numerical strength.

The professional fraternity is in a fairly good position temporarily. If Bulletin 11 (amended March 1, 1943) of the Selective Service System is not recinded, practically any engineering student now in school will be allowed to graduate, providing his school is following an accelerated program. This Bulletin exempts from draft those in good standing who can graduate on or before July 1, 1945. Even with this directive in effect, the civilian enrollment will shrink with each convocation, for new men will probably not enter the engineering colleges with no assurance of being allowed to remain. Losses due to enlistment in the Reserves will further decrease the normal enrollment.

The only antidote to this rapid loss of chapter material is the navy training program. The men in this category are permitted to enter into col-

legiate activities. This is not true of the army trainees. Hence, only if a school has a navy program can the chapter look forward to continuing its normal life.

With these conditions in mind, chapters should get ready to take appropriate action. If the house is mortgaged, rental contracts with other parties should be sought. If renting is not feasible, property should be sold and the money laid away for use when the war is over.

One guiding principle is apparent.

The story is going around about a woman who went up to the window in a bank to buy a bond. As she counted the money out of her purse, she remarked: "I've been saving this money to divorce my husband but I can stand him better than I can Hitler."

He dropped around at a girl's house, and as he ran up the steps he was confronted by her little brother.

"Hi, Billy."

"Hi," said the brat.

"Is your sister expecting me?"

"Yeah."

"How do you know?"

"She's gone out."

"So you met your wife at a dance? Wasn't that romantic?" asked one truck driver of another.

"No, embarrassing as the dickens," replied the other. "I thought she was home taking care of the kids."

"What are you running for?"

"Going to stop a fight."

"Who's going to fight?"

"Just me and another fellow."

If the financial condition of a chapter is sound at the end of the war, it will be easy for that chapter to start up again even though it may have lain dormant through the war period. It is easier to start chapters than to maintain them. An effort should therefore be made to avoid debts due to operating houses with insufficient personnel and to keep chapter finances in good order so that those who take over after the war will not have the millstone of other people's debts around their necks.

Lady: "How much are those tomatoes?"

Grocer: "Seven cents a pound, ma'am."

Lady: "Did you raise them yourself?"

Grocer: "Yes, they were five cents a pound yesterday."

An asylum inmate sat with his fishing pole dangling over a flower bed. A visitor, filled with sympathy and wishing to be pleasant, asked, "How many have you caught?"

"You're the tenth today," was the answer.

A hillbilly was visiting a Nebraska farmer. The farmer said, "Doggone it all, Bill, I sure have the toughest luck. A week ago I had a carload of prime hogs ready for market, and they got cholera and died. It's the craziest ailment ever."

"You is all wrong there," retorted the mountaineer. "Down where I come from it's wuss. The mud balls up on the pigs' tails so bad that it pulls their eyelids back so they can't wink, and they die from lack of sleep."

Letters from the Chapters

Alpha Has Good Winter



Alpha extends its greetings and best wishes to our alumni and brother chapters.

Our fall quarter activities were somewhat limited and were covered in our fall letter. The quarter ended with another Alpha man leaving for the armed forces when Marlowe Nelson went on active duty as an ensign in the navy. Another of our prominent seniors, Max Madsen, also graduated and left for Washington, D. C., to accept a government engineering position.

At the start of the winter quarter we had 13 actives and three pledges with several prospects from the fall quarter smoker.

Alpha entered into the Inter-Pro Basketball and Bowling Leagues to vie for honors. Our basketball team, however, received more injuries than honors, with but two first team players left at the end of the last game. Our bowling was decidedly more successful, and we won second place with 13 wins and 2 losses, being nosed out of the championship by one game.

Our first social function of the quarter was the Inter-Pro Ball, held this year on the campus at the Giffman Memorial Union. There was a large turnout and all will attest to the success of the affair.

The annual Engineers' Day was held on February 19 and 20, with Miles Olson of Alpha as general chairman. Thanks to his efforts, the celebration was one of the best of recent years, although no parade was held because of war time conditions. The events were climaxed by the Beerd held at the Radisson Hotel.

The annual Tri-Tech dinner dance was moved up one quarter so that seniors graduating under the accelerated program could

attend. The dance was held at the Radisson Hotel and was a huge success.

Several Alpha men have gained prominence in various organizations on the campus. Miles Olson, in addition to being Engineers' Day chairman, has been elected to the All-U-Council, to the Tech Commission, and is secretary and treasurer of the A. F. A. Others are: Bill Boyum, Vice-President of the A. A. M. E.; Bud Hoerschgen, President of the Mines Society; and Harry Dahlberg, President of the A. F. A. and President of the A. I. M. E.

On February 26 and 27, Alpha was honored by a visit from Brother H. H. Hopkins, past Grand Regent. Brother Hopkins spoke at an alumni dinner the evening of the 26th and was the chapter's guest at a noonday luncheon on the 27th after which he visited with the actives at the house. His visit was an inspiration to all and his advice and comments were greatly appreciated. We sincerely hope that Brother Hopkins will return again soon.

At the last meeting of the quarter, the annual election of officers was held. The new officers for the coming year are as follows: Regent, Miles Olson; Vice-Regent, Winston Bergiman; Scribe, Robert Anderson; Treasurer, Jack Mosner; Corresponding Secretary, Warren Underwood; and Inter-Pro Representative, Winston Bergiman. Alpha also has a new chapter adviser in Fred Toke, Civil Engineering Instructor who replaces Prof. Schlecten who left the campus some time ago. Brother Toke has helped us greatly when we were without an adviser and we feel we are very fortunate to have him in that position.

The prospects for the spring quarter are moderately good, but with the call of the army reserve very soon and the navy reserve in July, our membership will be hit heavily.

In H. & T.,

WARREN UNDERWOOD
Corresponding Secretary

Beta Strong But Uncertain of Future



With Spring term just getting under way, and with three feet of snow on the ground, Beta finds itself with a full house, but a not too certain future. At present we have 24 men living at the house and 28 men

boarding here. Our present membership totals

29 men. This gives Beta a good start considering that the campus at Michigan Tech is nearly all "army" with 400 Army Air Force cadets in the dorm, and a like number of engineers expected in the near future. In addition to all these uniforms, all the R.O.T.C. is now in uniform all the time, so with a total enrollment of only 325 students, we have few civilians left.

Since the last issue of THE GEAR, we have



Theta Tau Snow Statue, second prize
Wala, Buckner



Wood, Campbell, McPhail, Christensen
After supper singing



initiated pledges Baird, Crounworth, Cole, Dorff, and Kestner. At present we have just pledged the following nine men: George Couillard, Bill Edwards, Morda Hutchinson, Harold Peterson, Dick Shubert, Bill Turnbull, Ed Weilton, Pat Weber, and Bob Whitney. Most of these men are living in the house.

Beta is continually sending fine men to the armed forces, with the biggest contingent going at the end of last term when the ERC was called to active duty. This call was heeded by all ERC men except the senior R.O.T.C. men who may go on active duty and live in barracks until they finish school in June. Very recently, two of Beta's best men made the supreme sacrifice in the line of duty for the allied forces. On February 19, 1943, Russell S. Gribble was killed at Fort Belvoir, Virginia, where he was demonstrating explosives, and shortly after the first of March, we received word that John Callinan, who left school in 1941 to join the RCAF, was killed in action over England. Brother Gribble was a native of Ironwood, Michigan, and Brother Callinan was from Toronto, Ontario, Canada.

Social activities along our way on College Avenue have been running true to form with several informal gatherings, a Halloween party, a sleigh ride, a Christmas party, and a bigger and better winter carnival which was attended by many out-of-town girls. Beta won a close second prize in the winter carnival snow-statue contest, but the climax of all was the awarding of the Schrader Award to

the chapter by the delegate at large, J. M. Daniels. This was done at a special meeting in the chapter room. Brother Daniels was with us three days, and we enjoyed his visit very much. Other winter carnival activities were a hockey game, the Snow Ball, the ice review, skiing, etc. Lt. Fred Walker, '42, and Tom Clements, '42, were with us for the carnival, and Larry Barrett, '42, kept in close contact with us by phone from Ely, Minnesota.

At the end of last term, the chapter had a banquet at Gino's for our housemother, "Mom" Harrington, on her birthday. Mom has been preparing those famous meals for us for 13 years, and she is more than just a housemother to us.

During the winter term, Brothers Jim Martin and Art Dorff were taken in by Tau Beta Pi, national engineering honor fraternity.

We are going to elect new officers very shortly, and the old officers who will go out are: Regent, Henry Haskell; Vice-Regent, Dale Wood; Scribe, Wendell Davis; Steward, Hugh McPhail; Marshal, Jack Ruhl; Inner Guard, Robert Eddy; Outer Guard, Arthur Siwert. Norman Eddy was recently elected Treasurer for the coming year.

Michigan Tech's fine hockey team might well have been tagged Theta Tau hockey team, as we had six men on the squad, and it was not uncommon to see all six men on the ice at the start of a game. Our intramural hockey team took up right where the varsity left off,

and went through the season undefeated to help the other intramural teams put us on top of the intramural standings. We hope to cop the cup for the second straight year. Due to the fact that there is no varsity basketball team this year, we are allowed to use these men on the intramural teams.

The outlook for this summer and next year is undecided at the present. Our faculty advisor, Mr. L. F. Duggan is putting a lot of

interest in the house as usual, and is trying to find a suitable program for the house. We thought for a time that the army might take it over, but they decided against it. It seems certain that we won't have enough members to operate on our present basis after this term.

Yours in H. & T.,

WENDELL R. DAVIS, Scribe

Delta Carrying on Despite Losses



With the college campus in a whirl and the war-time program in full force, Delta is managing to maintain its high standards and is doing its share in the war effort. The chapter continues to be the source of War

Savings Stamps on the Case campus. This work is now under the direction of Ed Schellenrager. Last month Delta sponsored a drive for the collection of pennies for the war effort. A booth was placed in the Administration Building and pennies were exchanged for War Stamps. The drive was quite successful.

Delta is planning to sponsor an all-College assembly during the semester, and plans for this are being carried out by the new publicity committee under the direction of R. C. Snow. Progress is being made under the sponsorship of the chapter for the formation of an "engineering council" to be composed of representatives of all technical societies on the campus. This work is under the chairmanship of Bob Karcher and Ernie Manual, originators of the idea.

Delta was hit quite hard by the early graduation of the ten active members of the senior class on December 28. Regent Dick Estabrook, '44, was called to active duty in

the U. S. Army Air Force at the end of 1942, and is now at Boca Raton, Florida. C. Allan Schurr was elected to fill this vacancy. Bro. Schurr is also a member of Blue Key, Gamma Phi, Eta Kappa Nu, and Tau Beta Pi honoraries.

Professor "Les" Beardon of the Mechanics and Materials Dept. is the new faculty advisor for the chapter. Prof. Beardon has been serving very capably in his new position.

In honoraries Delta is very well represented. In Tau Beta Pi we have seven men. Fred Yenny is the president of the local chapter. There are also eight men in Blue Key, national activities honorary. In Eta Kappa Nu, electrical honorary, we have three men, all officers in the chapter. C. A. Schurr is the president of the local chapter.

Ten prominent juniors were recently pledged. They are Ted Stierwald, Bill Higgs, Bruce Baty, Mel Rubin, John Limberson, Harry Schuler, Joe Vermillion, Jack Young, Glenn Snow, and Steve Workman.

The present officers are C. A. Schurr, Regent; Bill Shrook, Vice-Regent; Bob Bastian, Treasurer; John Reitz, Scribe; Bob Karcher, Corresponding Secretary; Fred Yenny, Inner Guard; Ed Schellenrager, Outer Guard, and Ralph Snow, Marshal. At present there are 21 actives and 10 pledges.

Yours in H. and T.,

RALPH C. SNOW, Marshal

Epsilon Will Not Lower Standards



Several of the active brothers of Epsilon Chapter have been recently called in the Enlisted Reserve, and more will be leaving at the end of the Spring semester. There are sixteen actives on the roll book, but prospec-

tive new members have not as yet been chosen. The future beyond this Spring semester is

very uncertain, but we have hopes that enough men will be left to keep the chapter going. It has been suggested that some of the alumni who live in the Bay Area be made active for the duration to keep the spirit of Epsilon and Theta Tau intact. In any event, it has been generally agreed to temporarily disband the chapter rather than lower its standards for membership.

The Spring semester was started off by an Installation Banquet for the new officers who



First row: Caplan, McLaughlin, Taliaferro, Williams, Mitchell

Second row: Landis, Gay, McNeil, Griggs

Third row: Cox, Gibson, McGrath, Kinnie, Morgan

Fourth row: Dunn, Reed, Gester, Mencher

are: Regent John Gay, Vice-Regent Jim Morgan, Scribe Lee Tume, Treasurer Pearson Mencher, and Corresponding Secretary John Reed. Our present adviser is Prof. Huwel Williams, Epsilon '28, of the Geology Department. The banquet was well attended, with many alumni joining the activities in starting the semester off with a bang.

The University of California at Berkeley has been designated as an engineering and meteorology training center by the Army and Navy, and we are therefore expecting a large percentage of Servicemen among the students on campus in the near future. Many of the present engineering students will no doubt simply put on uniforms and continue in school.

When the College of Mining was incorporated into the combined College of Engineering in the Summer of 1942, Donald H. McLaughlin, Epsilon '14, previously new Dean of the College of Mining, was named Dean of the combined College of Engineering. He is a very busy man these days, and doing an excellent job as Dean, much to the satisfaction of the Mining Department in general.

It will be of interest to members of Gamma Chapter to know that Lester D. Knill, Gamma '33, is now with the Bureau of Mines Safety Division here on the coast, and has been teaching the Mine Rescue and First Aid course to members of the Mining Department here. He may be reached at the Bureau of Mines Safety Division, 422 Ashmun Bldg., Berkeley, California.

In campus activities, Brother Cox, Member, and Tume are members of Tau Beta Pi, while Brother Cox is also a Phi Beta Kappa, as is Brother Jerry Seins who is now an Ensign on active duty with the Navy and is training at Harvard. Brother Gester is at present Advertising Manager of the Daily Californian, and it is reported that he is soon to become Editor.

To Epsilon alumni, we send our regards and a wish for good luck. We are always glad to hear from you, so please drop us a line now and then to let us know where you are and what you're doing.

Yours in H. & T.,

JOHN REED

Corresponding Secretary

Zeta Finds Itself in Strong Position

LAWRENCE KANSAS

The appearance of the first robot on the campus finds Zeta in excellent condition despite the fact that several of our members have been called to the armed forces. Until the Air Corp Reserve was called to active duty, the latter part of February, our losses to the draft and enlistment had been negligible. Brothers Bill Weldon, Frank Sims, Eldon Todd, Clair Summers, Beet Ladd, and pledge Don Keast reported to Jefferson Barracks for their Pre-flight training. Brother Morris Borene has

been accepted for the Air Corps Meteorology program and will spend the next sixteen months in some other school taking his training. Pledge Ronald Pittenger enlisted in the army at the end of the fall semester and as soon as he finishes his basic training he will go to Officers Candidate School. In addition to these fellows who have gone on active duty, we have seven men taking advanced R.O.T.C., four in the Army, Enlisted Reserve, and seven in the Naval Reserve.

In spite of the loss of these members, our house is full, while most of the other fraternities are from twenty to fifty percent be-

low their normal size. We now have an active chapter of twenty-eight and a very promising pledge class of four.

Under the guidance of Pledging Chairman Bill Rohler, Zeta at the present time is carrying on an extensive pledging program to keep our chapter at full strength for the duration or as long as it is possible to do so.

Formal initiation was held February 7, for Morris Borene, Bert Ladd, Dean Smalley, Wallace Proctor, Jack White, Duane Hunt, Joe Berles, Dudley Hanning and Bob Kenny. Zeta is well pleased with its new brothers and is looking forward to initiating another large class at the beginning of the summer semester.

Zeta Chapter is well represented in honorary fraternities and societies. Tau Beta Pi is represented by Brother Malcolm Harned and Ralph May. Brothers Gernard Dean, Bernley Aiel, Ted Moser, Malcolm Harned, Frank Lichty and Vernon Foster are members of Sigma Tau, with Harned serving as president. Brother Malcolm Harned carries the honors in Pi Tau Sigma. Brothers Bernley Aiel and Malcolm Harned were presented with student memberships in the American Society for Testing Materials.

In Intramurals our basketball team kept up the splendid record of our football team by winning second place in their division with six wins and one loss. In the play-offs we

were defeated by the Phi Gamma who went on to win the Championship.

Our social activities have been somewhat curtailed, but we have been having numerous informal parties to keep the fellows up on their hedge game, dancing, etc. On November 20, Zeta entertained with its traditional "Red Dog Inn" Party at the Chapter house. The living room was appropriately decorated as an old time dance hall, while the dining room was transformed into a "gay sinuities saloon" complete with bar and sawdust floor. Following tradition there were many rare and original costumes to fit the occasion. The engineers are making plans for their annual "Huh Nail Hop", and we are hoping that, following tradition, the Theta Tau candidate for queen will be elected.

The officers for the spring semester are: Regent, Ted Moser; Vice-Regent, David Shaid; Scribe, Robert Brothers; Treasures, Locker Bontly; Assistant Treasurer, Ralph May; Corresponding Secretary, Ken Murphy; Assistant Corresponding Secretary, Wallace Proctor; and Pledge "Papa" Gernard Dean. Professor G. W. Bradshaw of the Civil Engineering Department is our faculty adviser.

In closing, Zeta extends best wishes to the other chapters of the fraternity.

Yours in H. R. T.,

ROBERT L. BROTHERS, Scribe

Theta Wonders What's Next



Theta Chapter this spring faces an uncertain future. About July 1st, six hundred men will enter the Engineering School of Columbia University to be trained under the Navy's engineering training program. So far as we know, the only departments not completely absorbed in the program will be those of Chemical and Mining Engineering. As no definite announcements of the plans have been made, we don't know just how this will affect the chapter, but curtailment of our membership and activities seems likely. For the present, however, we are carrying on with nearly normal activities adjusted to the accelerated program in effect now.

Our social events have consisted of several dances, and a banquet and beer party in celebration of the initiation held on November 21, 1942. We were especially honored by the presence of Grand Regent Glass at the initiation and banquet. A spring rushing program is now beginning, largely for the benefit of the lowerclassmen who (as juniors) will enter the Engineering School in June.

Under the pressure of accelerated studies, the extracurricular activities of the school have been considerably curtailed, but Theta Tau is foremost in the remaining activities. Regent Bill MacMichael is president of the Senior Class and of the Student Council, which is now a purely Theta Tau affair. The Council, elected by the one class now in the school, consists of Brothers MacMichael, Turner, Burns, and Storch. Dumbells, the senior honorary society, at the fall election elected Brothers MacMichael, Storch, Sharke, Spiro, Burns, Webb, and Richters. Brother MacMichael won the additional honor of the 1892 Prize Room. Seven Theta Taus were elected to Tau Beta Pi. Brothers Higgenbottom, Kisch, Lazar, Mafucci, Pietromoni (who graduated in January), Turner, and Fernando Luss who will graduate in September.

At the November 21st initiation, the following men entered Theta Chapter: Hank Beck, Harry Benic, Jim Burns, Norris Matthews, George Michalec, John Mladinov, Walter Richters, Jim Roros, Bob Schubert, Al Sharke, Art Spiro, Ralph Sternberg, Gil Turner, and Bill Ubrich. Our numbers having been depleted by the January graduation and by a few men being called up for active

duty in the Air Corps; the chapter still now numbers twenty men. The officers are: Regent, Bill MacMichael; Vice-Regent, John Helm; Treasurer, Bill Storch; Scribe, Gil Turner; Corresponding Secretary, Dave Donaldson; Marshal, Fernando Leon; Inner Guard,

Jim Burns. Brother Hinckley, in addition to being Grand Outer Guard, is our chapter adviser. In closing, Theta extends best wishes to her sister chapters and to all Theta Taus.

Yours in H. & T.,

GILBERT M. TURNER, Scribe

Iota Keeps Fingers Crossed and Buys Bonds



Iota sends greetings to all Theta Taus. At present everything is running smoothly with our chapter, but we are somewhat concerned about our future after this semester.

Only eight of our present twenty-eight actives will still be in school in June. Most of the fellows will go into the army through advanced R.O.T.C. Two actives will graduate and others expect calls from the Navy Air Corps. We will elect pledges in April, but probably many of them will soon enter the service. However, Iota will survive if it is at all possible. You can depend on that!

Our new pledges, formally initiated January 18, are Boetjer, Carlton, Crosby, Dulgimoff, Frame, W. J. Goodwin, Kerper, Kendall, Jett, Miller, Moore, McMath, Seviert, Van Os, and Wygant.

Our officers for the year are: Regent, Donald S. Smith; Vice-Regent, Charlie Mitchell; Scribe, Rao E. Goodwin; Treasurer, Thomas L. Brannick; Marshal, Charles A. Dick; Inner Guard, Richard Wheat; Outer Guard, Robert Schmidt; and Corresponding Secretary, Johnny Van Os. Our chapter adviser is Dr. Clair V. Mann.

As always at M. S. M. Theta Taus are the leaders on the campus. Tom Brannick is president of the Student Council and Charlie Mitchell is president of Blue Key. Jack Doerres is president of A.S.C.E.; Rao Goodwin heads the A.I.M.E.; Al Dick is captain-elect of the football team and also president of the Kappa Sigma fraternity; "Bill" Clark is Treasurer of Blue Key, Vice-President of the Student Council and President of Psi Kappa Alpha; Dick Wheat is president of Lambda Chi Alpha; Bob Schmidt heads Kappa Alpha; Don Smith calls the "M" Club to order, and Ralph Feldhaus wields the gavel for the Junior Class.

Theta Taus are also active in other organizations. Five of the members of the varsity basketball team are Theta Taus. Six of the members of the Student Council are Theta Taus. Eight of our men wear Blue Keys. Several of our fellows are active in A.S.M., S. A.M.E., A.S.M.E., A.I.E.E., A. Cer., Soc.,

Miner and Rollamo Boards, St. Pat's Board, and various other organizations.

Iota's past Vice-Regent Bill Anderson has the distinction of being chosen by the faculty of M.S.M. as the outstanding Fraternity man of the year last semester.

We are also proud to announce that Iota Chapter of Theta Tau had the highest scholastic average of the three professional fraternities on the campus last semester. George Miller won the A.I.M.E.

In February, Brother Bob Kendall was called by the Navy Air Corps and is now enjoying field maneuvers, pop tent and all!

Our "House" has been brightened up remarkably with the addition of a bright new sign above the door. It is a large replica of our Theta Tau pin in red and gold and set with white lights and a red light symbolic of the garnet in the center.

Our recent pledges made a collection of one hundred "beer-hour" songs to sing at our



Jack Doerres, a typical Iota man

social gatherings. This collection includes a number of Theta Tau songs, old school songs and many strictly "beer-bum" tunes. These are expected to add greatly to the enjoyment of our unofficial frolics.

Iota's policy of each member donating 15c per month toward the purchase of war bonds is still in effect. At the present we have purchased two \$100 bonds and the third is tentative at this writing.

Iota is cooperating with the local fire department and the Forest Service in this area.

Due to lack of men in the Forest Service and on the farms of the Mark Twain National Forest, the Forest Service asked the fraternities on the campus to help fight any brush fires which might break out. Iota is of course glad to help conserve our national forests as we feel it to be a real Theta Tau principle.

Best wishes to all chapters for the coming year.

In H. & T.,

REX E. GOODWIN, Scribe

Lambda Has Large Membership



Activity has been the outstanding item for the month of February in the Lambda Chapter on the campus of the University of Utah. Complete participation in sports, election of new officers, initiation of new members, a rush party for new members, an alumni banquet, and a formal dance have occupied the attention of all the members.

A short time ago the school started this year's intramural sports program. The U. of U. Engineering Society, under the direction of Don A. Olson, chapter Marshal, instituted an Engineering intramural basketball sports league. Ten teams, all Engineering students, were entered. The big thing about it was that Lambda chapter members of Theta Tau composed some part and in some cases all the members of the entering teams as well as entering two complete teams. Almost everyone played basketball, and those who did enjoyed themselves very much.

During the middle of the month of February a rush party was held for about twelve prospective members. The new fellows were made acquainted with the members as they joined in the fun. Refreshments were served.

The week of February 13 was devoted to going. Assignments were made with regard to special problems which were to be handed in at the end of the week. Candy and gum, if they could find any, were the order of the day (the actives had to be satisfied, of course). The following Sunday was the initiation, which was held in a downtown hotel. Guests were everywhere, looking for pennies under rugs, chairs, and elevators. Fun and frolics were soon forgotten as the initiation ceremony was beautifully given under the direction of Regent Fred Dunkin. Eleven members were initiated.

The following Thursday elections for officers for the next year were held. Care was

taken that those who were elected would be attending school for another year. The new officers are as follows: Fred Dunkin, Regent; L. William Jenkins, Vice-Regent; J. Eugene Risson, Scribe; Kenneth Wyatt, Treasurer; Russell Fowler, Corresponding Secretary.

On March 6th the 23rd anniversary installation banquet of the Intermountain Alumni Association of Theta Tau was held. Brother Gene Sumnicht, Lambda chapter Treasurer, member of Tau Beta Pi and Phi Kappa Phi Honorary Fraternity, was awarded the Alumni Scholarship Award. Alumni officers for the new year were elected and are as follows: J. Perry Erickson, President; Mervin Hogan, Vice-President; C. Milton Anderson, Sec. and Treas. The main speaker of the evening was Brother LeRoy Davis, Lambda '22. Brother Davis, who has just completed an 8-month assignment in charge of the construction of a major portion of the Great Alaskan Highway, spoke on his experiences in building this great road. Brother Davis is leaving shortly for Alaska where he will complete another assignment on the project. The rest of the program was provided by the Lambda chapter actives in the form of a mock initiation which was played from recordings made during the initiation of the new members.

March 18th will be a day to remember for the actives from this chapter. It will be the Spring Formal, held in the Hotel Utah.

At present Lambda Chapter has an enrollment of 31 members. By June, however, the chapter will have lost 26 members, about 12 to the armed forces and the rest because of graduation.

The Brothers who have been initiated into Tau Beta Pi Honorary Fraternity are: Gene Sumnicht, Ken Wyatt, Dale Warden, A. Bywater, Mark Bryner.

In closing Lambda chapter extends its best wishes to all members of Theta Tau.

In H. & T.,

RUSSELL FOWLER
Corresponding Secretary

Omicron Has to Buy Its Meat



We of Omicron extend our greetings to all our alumni in the armed forces, and we wish the best of luck to the following boys who are Omicron's recent losses, but Uncle Sam's gains: George Lutz, air corps; Joe Grabow, air corps; Leland Hausler, army meteorology; Delmar Hitchcock, army; Bill Burger, air corps; Don Long, air corps; and Walt Trymbulak, air corps. We may also lose three upperclassmen if the advanced R.O.T.C. students are called at the end of the semester. At present the chapter numbers 13 activists and 4 pledges.

These losses are partially offset by our recent initiation of Bill Burger, Hank Fisselman, Jim Gray, Delmar Hitchcock, John Reid, John Sangster and Dale Toms. We are now in the midst of another extensive pledging campaign under the direction of our present officers: Ed Larsen, Regent; Bill Schweitzer, Vice-Regent; Howard Burman, Scribe; and Clair Thomas, Treasurer. In spite of such a rapid turnover in the chapter and the flooding of the campus by navy blue and army khaki, Omicron looks ahead to a successful summer session.

Our present social season began with a formal winter party on February sixth. The activists, pledges and guests danced to the music of a smooth campus band here at the chapter house. Our latest social engagement was held in connection with the Mecca week that is celebrated by the Engineers at Iowa. Among those who were active in the planning of successful Mecca activities were brothers Larsen, Schweitzer, Gray, Toms and Holmberg. This eventful week was climaxed by the Theta Tau reception for the Mecca queen and her attendants at our chapter house on Sunday,

March twenty-first. Pledge John Ryan was the lucky ticket holder in a pool held before the election of the queen, but the man who evoked the most envy was Regent Larsen, the escort of the queen at the Mecca Ball.

Omicron has shown no outstanding abilities in the realm of sports this semester, for we were eliminated in the interfraternity basketball tournament after winning only one game. Our only claim of fame so far, rests with our bridge team, composed of Holmberg, Larsen, Thomas and Wamsik. They are scheduled to meet Phi Epsilon Pi on March thirteenth in the university bridge finals.

On March twentieth the chapter was honored by the visit of Grand Inner Guard Paul L. Marriot, Omicron '21. Brother Marriot inspected the house and had a chat with some of our officers.

We of Omicron wish to nominate our own Al Holmberg as the unluckiest hunter of the year. Al and some companions set out on a pheasant hunting expedition into the wilds of northern Iowa the first of this month. We at home looked forward to having roast pheasant on our table, but alas and alack, Al came back not only without pheasants, but also without his car. Unlike this month of March, Brother Holmberg went out like a lion and came in like a lamb. He claims that he had to sell his car because of motor trouble, and that transportation difficulties prevented his bringing back all the birds he shot. Obviously there are those of us here at Omicron who are inclined to doubt this story, for it is too dear to credit to the unpredictable Holmberg.

In closing we wish to send our regards to all the Theta Tau chapters and their alumni.

Yours in H. & T.,

JOHN SANGSTER
Corresponding Secretary

Pi is Stronger than Horseradish



Two centers of activity are occupying Pi Chapter at present. In our classes, we are laboring over winter term exams; while, fraternally, we are busy over our new chapter house. When moving from our former house became an eventual necessity, we were most fortunate in finding, quite near by, the house you see below. The brothers have spent the past few weekends enthusiastically redecorating our newly acquired "manion." With the aid of

our twenty new pledges, the thirty-eight members of the chapter have raked, scraped, and patched until the former tenants of the house, a truly representative group of pigeons, have flown just several times without recognizing their old roost. When driving once again becomes an actuality, Pi Chapter will be glad to play host to any and all Theta Taus visiting our house.

In the recent chapter elections, the following officers were chosen: John S. Snell, Regent; Richard Brandt, Vice-Regent; Harold E. Witherley, Jr., Treasurer; Joseph Sudler,



Pi chapter house

Scribe; and Ralph E. O'Dette, Corresponding Secretary. Professor E. J. Ogilby remains as Faculty Advisor.

Under the leadership of this group, Pi Chapter is engaged in organizing a local alumni association. In these uncertain times, it is felt that a group such as this would be of great assistance to the chapter and would also establish a closer bond of fellowship between the local alumni and the chapter members. Being newly initiated into a project of this sort, Pi Chapter welcomes suggestions from those chapters which have already formed alumni organizations.

Pi Chapter members remain active in university life and have been accorded new honors in the various school organizations. Three of our brothers have been elected officers of the Engineering School in the annual elections. The position of Vice-President is held by Jack Whitmore. Jack Tice was elected Treasurer and George Crist, Historian. Brothers Benno Jansson and Harrison Kite were recently chosen members of Tau Beta Pi.

The *Virginia Engineering Review*, the technical magazine of the Engineering School, is headed by a new staff comprised of Brother William Windrow, Editor; Brother Ralph O'Dette, Managing Editor; Brother Jack Tice, Business Manager; Brother Nathan Casey and plager Jack Blackburn, Co-Managers of Advertising; and Brother Joseph Sadler, Circulation Manager.

Bill Windrow also captured the presidency of the local chapter of the A.S.M.E., with Jack Whitmore and Jack Blackburn serving

under him respectively as Vice-President and Secretary. Brother Lou Pascoot was elected to Sigma Xi, national, honorary, scientific society.

A. I. Ch. E. recently chose Brother Dean Thacker as Secretary and Brother Ralph O'Dette as Treasurer of that organization. Brother Avery Catlin is the new Treasurer of the school's A. I. E. E. chapter.

Pi Delta Epsilon, the national, honorary, journalistic fraternity, has for its new president, Bill Windrow, and for two of its new members, Ralph O'Dette and Jack Tice.

To complete the university activities of Pi Chapter men, the following list of the numerous Engineering School instructorships held by our brothers is included: Power Plants, Harrison Kite; Calculus, Benno Jansson and Ned Pabst; Drafting, Nathan Casey, Jack Whitmore, and Ralph O'Dette; Mechanics, Tom Dickerson and Jack Blackburn; Physics, Irwin Lewis; Mathematics, Jim Milligan, Bill Markwood, and Preston Lee; English, Jim May; Meteorology, Irwin Lewis.

Pi Chapter is looking forward to a successful year despite the probability of losing several of its members to the armed forces. We wish to extend our best wishes to those men entering the service; and to emphasize that our loss is the Nation's gain.

In closing Pi sends best wishes to the other chapters for the coming year.

Yours in H. & T.

RALPH Z. O'DETTE
Corresponding Secretary

Rho Publishes "Gearlet"



Rho held its annual banquet on Friday, February 19, at Hotel Carolina, Raleigh, N. C. We had the good fortune to have Brother A. D. Hinckley, Grand Outer Guard, present for our most publicized social affair of the year. The chapter feels that more Brothers of the Executive Council would have been here if traveling were not so difficult. T. S. Johnson, State director of the OPA, was the guest speaker. He stressed the importance of the Engineer during and after

the present World War. Our Regent of '34-'39, Captain M. S. Hayworth, U. S. Engineers, was an unexpected guest along with 2nd Lt. W. A. "Bill" Brown, '42, of the U. S. Air Corps. "Bill" is a glider pilot stationed at the Maxton, N. C. air base. Captain Hayworth is Base Utility Officer of the Charlotte Air Base, Charlotte, N. C. The enclosed pictures were taken at the banquet.

The "Gearlet", Rho's publication, was a big success, and the alumni have responded wholeheartedly. Our brothers are scattered all over the world and are in all branches of



Upper: Rho addressed by State O.P.A. Director, T. S. Johnson, and Grand Outer Guard Hinckley

Lower: Hinckley and Bob Nicka, M. C.

the service. A permanent file of the alumni is in the making with all the available data that can be obtained through the cooperation of the alumni.

In recent campus elections Rho took its share of the offices as usual. C. N. Stule was elected president of the Engineers' Council, Henry Chénout got secretary, and L. E. Payson is to be treasurer. There are a few of the many officers that Theta Tau men will be elected to. Due to the early graduation to be held in March our chapter elections were held Wednesday, March 1. The new Regent is Preston D. Page, Electrical Engineering; Vice-Regent is A. C. "Cliff" Spruill, Aeronautical Engineering; Scribe is F. S. Boyer, General Engineering; Treasurer is V. M. "Jack" Barnes, Electrical Engineering; and Corresponding Secretary is W. J. Goodrum, Chemical Engineering.

Rho has seven seniors who will graduate March 24 and then take their place in industry and the armed forces. All of these fellows came to school last summer so that they would finish ahead of schedule. All of them

will be missed by the brothers remaining to carry on. Several of the juniors will be called at the end of this term according to the ERC.

At present we have eight brother in Tau Beta Pi, nine brothers on the Engineers' Council, four brothers in Fine Arts, five brothers in Scabbard and Blade, five brothers in Mu Beta Psi, six brothers in Phi Eta Sigma, four brothers in Blue Key, two brothers in Upsilon Alpha, and three brothers in Gamma Sigma Epsilon. I. J. Hetherington, our Marshal, was selected for Who's Who in American Colleges and Universities.

Vital statistics:

Thirty-six active members.

No pledges at present.

Advisers, T. C. Brown and W. F. Babcock.

Officers for this year: Regent, T. M. Hughes; Vice-Regent, R. E. Nick; Scribe, Harold W. Humphreys; Treasurer, E. H. G. Farthing; Corresponding Secretary, R. P. Ausman.

With all good wishes to Theta Tau.

Yours in H. & T.,

R. P. AUSMAN

Sigma in Good Condition



Greetings Brothers:

Sigma of Theta Tau is looking toward the future with fearful but hopeful eyes. The war is interrupting many educations and the membership will probably decrease but we are optimistic due to the fine new officers. They are as follows:

Regent, Edward Komatowski; Vice-Regent, Robert Stewart; Scribe, William Greenham; House Manager and Treasurer, Karl Wall; Corresponding Secretary, Richard Mitchell; Inner Guard, William Cameron; Outer Guard, Robert Stewart. The faculty adviser, Professor Claude Wall is continually giving us valuable advice. Our efficient adviser makes the future look a little less grim. At the present time the membership is in fine shape with 26 actives and 1 pledges. This is the highest membership in recent years.

During the past quarter, we have been rather active socially. We had exchange dances with the Phi Omega Pi, Kappa Delta and Kappa Phi, plus a Valentine dance and a hard times party. In the near future we are planning a party at the local dance hall which is to take the place of our annual winter formal which has been postponed due to the war. Our bowling and basketball teams won the league and flight championships in the intra-mural tournaments but in the playoffs, both

teams hurt by the draft, put up a tough fight before losing. We are proud of both teams.

The men here at Sigma have made a name for themselves during the past year. Lewis Hullinger is a member of Techniki, Tau Beta Pi, Engineers' Council, Scabbard and Blade and was Associate Editor of the Ohio State Engineer. President Komatowski (Komo) was also a member of Techniki, Scabbard and Blade, American Institute of Chemical Engineers and active in the Newman Club. Victor Smith was elected to Tau Beta Pi and George Montgomery was one of the mainstays of the business staff of the Ohio State Engineer. Quadrangle Jetters, the engineers dramatic society, experienced a successful year with the able assistance of four Theta Tau men, namely, Donald Krebs, George Montgomery, Robert Stewart and Lewis Hullinger.

Theta Tau has given a number of students and alumni to the armed services. Probably the man we are most proud of is Col. Curtis Lemay (1912) who led the first American bombing raid on Germany. Of course we have others too numerous to put in this letter but we are surely thinking of all of them. Well, the Sigma News is about finished so until the next Gear, Good Luck to all Theta Tau men and may God bless you.

Yours in H. & T.,

RICHARD D. MITCHELL,
Corresponding Secretary

Tau Set to Carry On



This spring finds Tau chapter in the midst of a speedup program, which will bring graduation a full month earlier, May 9th. Present plans include the sponsorship of the annual Engineers' Banquet on March 19 at the Hotel Syracuse. Invited guests include Grand Regent Glass and Grand Outer Guard Hinckley, and we sincerely hope that the present conditions will not prevent their attendance.

With thirty-nine active members and eighteen pledges, Tau is carrying on under the leadership of Regent James Carpenter, Vice-Regent Harold Smith, Scribe Bennis Sgroi, Treasurer Eugene Britt, Marshal Jack O'Neill,

Inner Guard William Dalheim, Outer Guard Paul Berthold, and Corresponding Secretary Richard Baumgartner.

Several of the Brothers have gained recognition in a variety of ways. Brother Sgroi, along with five other members of the varsity boxing team, won the championship at his weight at the EIRA tournament. Jack Ruhlman was "drafted" by the Sperry Gyroscope Company two weeks ago. Brothers Jackson and Schneider have both heard the wedding bells since the last writing.

Here at Tau we plan to carry on throughout the war, and hope that all of our chapters do likewise.

Yours in H. & T.,

RICHARD BAUMGARTNER,
Corresponding Secretary

Phi Still Has a Good Nucleus



Hello to men of Theta Tau wherever you may be. Most of us here at Phi expect to be "in the scrap" soon after the close of the semester. Our membership has dropped to 13 actives and one pledge during the semester because of the calls of the Air Corps and Selective Service. We're doing our utmost however to get new men. Blondie, our St. Bernard mascot, tried very hard to help us by bearing seven pups.

Too bad we can't pledge Brother Winner's girl. Besides increasing our membership she would be a valuable member of our bowling team as she beat both Winner and Brother Androff the other day.

That reminds me. Though we are small here we put up a good scrap as shown by our intramural records. We went to the finals in touch ball, semifinals in softball, and we finished high in basketball and bowling. We are in the final elimination of the volleyball tournament at the present time. Also Brothers Hofer, Baker, Keyser, Wildermuth, Thorp, Keeler and Seifert are members of the bowler squad that won the 191 mm. bowler squad competition. Keyser also represents the house on the Purdue baseball squad.

Everything has not been play however. We have maintained a good scholastic standing

throughout the year. Also during House-manager Isacke's work sessions we have kept the house shining. Much of the success of the house must be credited to our chapter advisers: Professor Solberg, head of the School of Mechanical Engineering, Professor Springer, of the Civil School; Max Adkins, Phi '32; and Nick Tebiorek, Phi '37. Our thanks goes to Professor Springer for keeping our finances in shape.

Our officers too, did much to make this year successful. They are: Regent, Robert Winner; Vice-Regent, Carl Androff; Scribe, Joe Kotaraki; Treasurer, Harry Schwartz; Marshal, Douglas Baker; Inner Guard, Bob Isacke; and Outer Guard, Richard Robinson.

At the formal initiation held February 23, 1941, the following men were initiated: Thorp, Keyser, Keeler, Wildermuth, Seifert, and Tusler. Bill Georges was initiated in January before leaving for the Army.

We were honored on February 6 with the presence of Brother H. H. Hopkins of Chicago.

Many of our alumni have visited us during the past season with Ensign K. D. Swander, Phi '42, staying with us ten weeks while taking special training at Purdue. We wish we could see all of our alumni, but knowing this to be impossible we say "Remember that mail is not rationed, so let's hear from you." With this Phi leaves 'till another GEAR.

Yours in H. & T.,

J. C. KOTARAKI, Scribe

Chi Takes an Optimistic View



Na, we're not dodging sharpshin in Guadalcanal or pulling the bomb release over Tokyo, but Chi Chapter is in this war 100%. With every branch of the service represented by our members, both active and alumni, we here in sunny Arizona are mighty proud of our boys. Proof of this lies in the large number of Chi men in the service. (See Chi Alumni Notes).

War clouds make the next year's outcome uncertain, but Chi Chapter optimistically looks forward to a successful year. Five new officers took this task into their hands recently and plan to carry out their term of office with an 'all out' campaign to keep Theta Tau tops at the University of Arizona. The newly elected officers are: Regent, Carter Nelson; Vice-Regent, Frank McGinley; Treasurer, Bob High; Scribe, Bob McGeorge; Corresponding Secretary, J. C. Kinkaid.

Professor E. S. Borgquist has done a fine job as adviser for a number of years, and Chi is once again looking forward to his counsel during the coming year.

A King of hearts to an engineer is that certain card that makes a Royal flush complete, but the fellows learned differently at Chi's annual stag bridge party held at Dr. T. G. Chapman's home January 29th. Prizes of war stamps, and with the number of prizes awarded everyone was able to boast of his winning ability. Top feature of the evening was the cake, ice cream, and coffee that were

served without a crumb lost. Our cry is more bridge parties. Dick Mallen says, "More cake" after his fourth slice.

Chi Chapter was honored recently by the visit of Dr. Charles Anderson who was appointed by the Grand Regent to inspect the Chapter. We are proud to report that when Dr. Anderson met with the officers and went over the books he expressed his pleasure in finding the chapter in excellent condition.

December 4, 1942, was the day set for the formal initiation of 12 new members. They were: Grant Ellsworth, Dick Mallen, Herbert Vail, Keith Andrus, John Dulles, Frank Culin, Reece Dunaway, Ralph Crull, George Wilbur, LeRoy Jones, Bill Nourse, and Frank Nance. Due to war circumstances the initiation banquet was eliminated, but a good time was enjoyed by all at an initiation dance held that evening. We all got a kick out of the skit the new members put on at the dance.

"Reserves to the Colors" was the general topic of conversation around the campus recently. To clear up the Engineer's status in the reserves, Dean G. M. Butler spoke to the Chapter on this subject and set many a mind at rest. Dean Butler, one of Chi's charter members, represented Arizona in the Man Power Commission conferences in Chicago and Washington. So far his dope, that student engineers are much more vital in school than in the army as buck privates, has been correct.

Theta Tau's again highlighted the engineering college by being outstanding in Engineering affairs. Dick Brittain, president of the Engineer's Council, is in charge of the St. Pat's Day celebration this year. Cut down



to war time size with only $\frac{1}{2}$ day off for "picnicing." Dick planned to make up for it all at the big dance celebration that evening. This year every member of the Engineering Council is a member of Theta Tau.

Chi lost one active member when the Army Air Corps rounded up their reserves. Dick Prince is now "keeping them flying" in Lincoln, Nebraska. However, E.R.C. officials had George Komadina gassing, and George was practically under the bark of the proverbial top sergeant. Being a metallurgist, George wasn't deferred under the specialized training plan, so naturally he left for home and a well deserved rest. Two weeks later a group convened in Washington and declared metallurgy in the deferrable class. Now George is back in school none the worse for wear—but so far behind!

If we appear to be bursting with pride, just account for it by the fact that U. of A. has been selected for the army specialized training program for engineers. Prof. Borgquist states that all professors are frozen to their jobs, and the university will continue to function throughout the summer. The army has already sent its schedule of study

which must be taught in the Engineering College beginning June 1st.

Theta Tau men in the honoraries are: Phi Kappa Phi—Ted Brooks, John W. F. Dullin, William Stearns, Grant Ellsworth, and Edward Myers; Tau Beta Pi—John W. F. Dullin, Thomas King, William Adams, William Kinney, Barrington Long, Frank McGonley, Bob McGeorge, Edward Myers, Grant Ellsworth, William Stearns, Fred Fiedler, and Benjamin Sullivan.

Chi will be sorry to lose 17 seniors at graduation this year. A vote of thanks, comes from those who stay for the swell way in which they ran the chapter during the past year, and the condition in which it was turned over to the present members. The graduating seniors are: Ben Sullivan, Jack Brownson, Dick Brittain, George Komadina, Ed Meyers, Bill Stearns, Ted Thuma, Bill Adams, Fred Fiedler, Ralph Crull, John Dullin, Renee Dunaway, Grant Ellsworth, LeRoy Jones, Frank Namer, George Wilbur, and Keith Andrus.

Yours in H. & T.,
Corresponding Secretary
J. C. KINKLEAD

Psi Depleted by War



Since the beginning of this year, the Armed Forces have hit Psi Chapter and have hit it hard. Since December there has been a steady flow of

both actives and pledges, most of them reserves, into the services of Uncle Sam.

Due to an oversight in the last letter, Ernest Thurlow's married status was not included. Apologies to you Ernie. The latest man to take that final step into matrimony

was Wilbur Criswell, who was married during the Christmas holidays. We have also learned recently of the marriage of Dean Lindquist, Raymond Kujawa, Robert Mooren, William Maguire, and Stanley Kappel. Best wishes to all of you from Psi Chapter.

Since the last letter, the chapter has held two initiations. The first initiation was held on November 4, 1942. At that time the following men became active: Jack Nordquist, Herbert Eck, Harold Johnson, and Jack McCoy, Anaconda; Robert Burns and Robert



Saterdal and plane table



Tom Shay, physicist

Thompson, Kalinoff; Sidney Engstrom, Minnesota; Vinton Sternitz, Corwin Springs; Terry Horne, Lethbridge, Alberta; Robert Lyford and Tom McKenzie, Butte; Jean Hardesty, Billings; and Al Saterdal, Norwood, Massachusetts. The second initiation was held on February 3, 1943, when Koehler Stout, Helmsville; Clarence Swanson, Manoula; and Rudy Forhan, Kalinoff, became active members.

The officers that guided us during the past year are: Paul O'Leary, Regent; Willard Leskela, Vice-Regent; Clifford Barkall, Scribe; William Lehtfeldt, Treasurer; Francis Smith, Marshal; Bartlett Calkins, Inner Guard; Jason Whitman, Outer Guard; and Jerome Seim, Corresponding Secretary. Of this group, Leskela, Lehtfeldt, Calkins, and Whitman have already been called to active service in the Army Air Force; and Smith is about to leave for active service in the Marines. Since the election of new officers is to be held in the very near future, only the treasurer's office was filled because of immediate necessity. Charles Campbell was elected to that office.

Professor O. A. Dingman of the Mining Department is our chapter adviser. The chapter now consists of 19 actives and 4 pledges.

Among our alumni who have visited Butte recently we have Lieutenant Charles Lyden of the U. S. Navy. Word comes to us that he has recently been put in command of his ship and that he is in line for another promotion. Hats off to you, Brother Lyden. Herman Niebauer also recently paid us a very short visit, saw again the sights of Butte, and returned to his position on the Alaska Highway construction. Though not a visit, we had a nice long newsy letter from Stanley Kappel who is still located in the wilderness of South America.

Several house parties have been held throughout the year and an enjoyable time was had at each of them. At present plans are in progress for our annual spring formal which

is to be held at the Hotel Finlen on April 3. As has been the custom of Psi Chapter for the past several years, this party is to be held in honor of the founding of Psi on May 7th, but due to early graduation, it has become necessary to advance the party a month ahead.

The first to leave for the Army was Brother Lyford who was called in December. As yet, however, he is employed by the Aluminum Corporation of America and is waiting for further orders. The next to leave was Brother Engstrom, who is now serving with the Army Engineers at Fort Leonard Wood, Missouri. Then, shortly after the beginning of the second semester, the Army Air Force called in addition to those already mentioned, Brothers Wallis, Thompson, Saterdal, Stout, Nordstrom, and Pledge Lindstrom.

The Army Enlisted Reserve was next to issue orders and immediately Brothers Swanson, Hardesty, Eck, Johnson, Nordquist, and Pledge Mehan were on their way to Fort Lewis, Washington. In addition, Brother Sternitz has left to serve in the U. S. Navy and Brother Kirkland is to leave shortly to serve in the Marines. So as a result, our chapter has decreased considerably since the beginning of the year. Nevertheless, the rest of us are still in there fighting to keep our chapter going.

New pledges that have been added to the roll are as follows: James Carpenter, Elk City, Oklahoma; Bernard McDonald, Anacosta; and Alvin Lenn, Chicago, Illinois.

The chapter is also pleased to learn of and wants to congratulate Brother Ora Rostad on the birth of his new daughter, born recently. Cigars for you, Rostad.

The round is drilled, the bulkhead and slide are in place, so we'll just blast off until the next time.

Yours in H. & T.,

JEROME SEIM

Corresponding Secretary

Gamma Beta Working Up Directory



have a little pleasure. We always try to keep business first, if it does not interfere with pleasure, so on with the work at hand, namely, news from our chapter.

Greetings to all the other Chapters from Gamma Beta down here in the busiest capital in all the world, Washington, D. C. We in the chapter are just as busy as the city itself; but along with it we

One of our customs here at Gamma Beta is to have an initiation, banquet and dance on two great occasions; the first is the celebration for Founders' Day and the second is for our own chapter birthday. At our last Founders' Day celebration, which was held on October 17, 1942, we initiated four fine fellows: Edgar Nordahl, Dirk Brady, George Conney and James Naton. Following the initiation we had a swell banquet including a birthday cake and a punch bowl—and what a punch bowl—it must have been spiced with twenty miles, some kick. Next, dancing was

in order until 1:00 A.M. Sunday morning. It was our honor and pleasure to have with us at this celebration Brother A. Dexter Hockley, Grand Outer Guard. He made a special trip down from New York to be with us and to give us some words of wisdom in the after dinner speeches.

On a Saturday night in November we held a rush party at the home of Brother Ballou, at which time popcorn, punch, and dancing were in order. Several prospective pledges attended this affair and as a result three acceptable men were pledged.

Come Saturday, March 11, we are going to hold our eighth chapter birthday celebration. This celebration will begin with the initiation of the aforementioned three pledges, namely: Lou Berkley, Raymond Canilla, and George Kilpatrick. A banquet will follow the initiation, but the punch bowl is still undecided; technicalities have arisen; however, here's hoping for the best.

The three pledges are making a large gear, about 13 inches in diameter, which is a facsimile of our badge and will be presented to the chapter at this time. They are also preparing some sort of skit which from all indications should be very entertaining. Following this there will be a little recess so the boys can go gather up their wives or sweethearts as the case may be, then back again for dancing until the wee small hours. Brother Hockley may again be with us if possible.

Several of the brothers have taken unto themselves better halves, for better or for worse, making them permanent sisters of Theta Tau. The most recent of these are Mickey Schutte, past treasurer, who married Margaret Kerr, George Kals, past regent, who married Frances Douglas, and Ben Genua, present regent, who married Margaret Wenger. They all seem to be doing very well, and as a matter of fact will highly recommend stepping off the deep end to any dubious brother. Just ask them.

It is another custom of Gamma Beta to present a pair of candle sticks as a wedding present to an active brother who gets married or one who has graduated and marries within a year after graduation. These candle sticks are sterling silver and have the letters Theta and Tau engraved on each base. Judging from the comments made, these are among the most cherished possessions of the newly weds. This presentation is a very wonderful gesture and it might be something for the other chapters to consider.

One more custom we have here is the presentation of a Theta Tau activities plaque to the graduating senior in engineering who has been most prominent in extra-curricular activities during his entire school career. This is presented at the annual Engineers' Banquet held in May and the name of the recipient is

kept a secret until the actual presentation.

It would be a good idea for the Gear to publish a list of different customs which each chapter has adopted down through the years. Certainly it would be very interesting and maybe the other chapters would like to start some of them.

A service flag for men from Gamma Beta was started last year. As soon as we find out that one of our brothers has answered the call to his country's colors, a blue star is placed upon it. Two of these stars have since turned to gold, for two of our brothers have answered the call of the Great Engineer of the Universe.

Brother Francis K. Finan, initiate No. 99, Gamma Beta '41, was killed in action in the Solomon Islands last fall. He was a Lieutenant in the Marine Corps.

Brother Albert G. Seidler, initiate No. 110, died of a throat infection while attending Officers Candidate School, U. S. Army Signal Corps, Fort Monmouth, New Jersey. He was a sergeant at the time.

Following are the names of the men in the armed forces. A blue star represents each of them on our service flag and we are very proud of every one: Tom Johnston, Carl Enshrub, Bert Randall, William Mooney, Harold Thomason, Clifton Williamson, Lewis Myers, William J. Ellsberger, Robert H. Randall, Norman B. Ames, Joseph A. Hartmann, Kenneth R. Sommer, Gay B. Watson, Gus Millard, Lewis Noecker, Les J. Haunberger, John Brasel, John H. Blane, Jr., Gilbert Brooks, Lawrence Floyd and Warren Stewart, Jr.

At present we are working on a chapter directory which will contain the names and addresses of the charter and honorary members, active and alumni members, and all of the Theta Taus from other chapters who are stationed here in Washington. It might be a good idea for the other chapters to write to us giving the names and Washington addresses of men from their own chapters. It would be a big help.

We have 24 active members, 3 pledges and several names on the books at present. This is subject to change without much notice. Our officers are: Benedict J. Genua, Regent; Julius C. Ritter, Vice-Regent; Dirk Brady, Scribe; Dave Carlson, Treasurer; Merrill R. Brown, Inner Guard; George Conrad, Outer Guard; Ewing Ballou, Marshal and Edgar Berdahl, Corresponding Secretary. We are very fortunate to have as our chapter advisor Brother Norman Bruce Ames, Past Grand Inner Guard and at present a Colonel in the U. S. Army Air Force—a swell fellow if there ever was one.

Information has just been received that Brother Dick Fenton is the bouncing papa of a proud baby. The Doctor told him that he

had assisted in the birth of three thousand babies and had not lost a father yet, so that gave Dick a lot of courage and as a consequence he pulled through in fine shape. Papa, Mama, and Baby are doing swell. Thank you.

Well folks that's about all of the news from Gamma Beta at this sitting. So long till later.

Yours in H. & T.,

BEN GENOVA, Regent

Delta Beta

LOUISVILLE



Due to the accelerated program in Speed School here at the University of Louisville we have just had nine of our members graduated. Since these men were the first to graduate under the new accelerated program we held our Spring Formal on February 21 this year. This formal was, as far as the Theta Tau boys were concerned, the highlight of the social season for the college. The dance was held in the Henry Clay Hotel and as a climax Miss Melville Hickel was crowned Queen of the Jacqueminots by Regent Gibbons. Miss Hickel was chosen from a group of fifteen girls by three competent judges and we believe that the enclosed picture of the

crowning ceremony will give positive proof of their ability.

Since our last letter to THE GEAR we have elected new officers for the Fraternity. Brother Earl Gibbons is our new Regent; George Ellerkamp is Vice-Regent; Earl Gerhard, Scriber, Walton Barnes, Treasurer; Ellis Barnes, Corresponding Secretary, and Wilbur Graff, Marshal.

We now have twenty-four active members in the fraternity and one pledge. Our chapter advisers are Professor H. H. Fenwick and Professor W. R. Barnes. Professor Barnes is an alumnus of Delta Beta Chapter ('19) and has only recently been made a Professor.

Since several members have achieved prominence in other organizations on the campus we would like to tell you about these men. Regent Gibbons is now the President of the student chapter of the American Society of Civil Engineers and Brother Ellis Barnes has recently been elected President of the student chapter of the American Institute of Chemical Engineers. Brother Earl Gerhard is a member of the Honorary Chemical Engineering Fraternity, Sigma Tau, and has recently been elected Treasurer of the organization. Brother Gerhard has also been awarded the A.I.Ch.E. scholastic award. Brothers Earl Gerhard and George Ellerkamp have been elected members of the newly formed All Campus Student Council. Also Brother Ellerkamp is now in charge of the Red Cross Blood Donor program in the Engineering School.

As in all fraternities, a large number of our members are being taken into the armed forces. We now have a total of thirty-five members serving in the armed forces and more are expected to leave soon. Naturally this is hard on the chapter, especially since so many of these are freshmen upon whom we were depending to perpetuate the fraternity in the University. We hope that with the accelerated program which is being carried on in the Engineering school at the present time there will be a large percentage of our members who will finish their studies before they are called to the armed forces.

That seems to cover all the activities of the Fraternity up to the present time. Our very best wishes to all the chapters in the Fraternity.

Yours in H. & T.,

ELLIS BARNES, Corresponding Secretary



Miss Melville Hickel and Regent Gibbons

National Capitol A. A. Holding On

Available members of the N.C.A.A. joined with members of Gamma Beta Chapter in the celebration of Gamma Beta's birthday on Saturday evening March 13, when three pledges were initiated into Theta Tau. The impact of the war was evidenced by the absence of many formerly active N.C.A.A. men, by Gamma Beta's service flag (which carries two gold stars) and by the presence of three members in the armed service as well as several Navy Department engineers. Those present included Col. Henry J. Matchett, Alpha '33, General Staff; Col. Norman B. Ames, Gamma Beta '37, Army Air Force; Capt. Wm. J. Ellenberger, Gamma Beta '30, Office of the

Chief Signal Officer; Merwin N. McKnight and Warren C. Crump, Gamma Beta Alumni employed in the Navy Department; Ira K. Jones, Gamma Beta, A.T.&T. Co., and George Lohner and Frank Mitchell, Gamma Beta Alumni with Janaky & Bailey, Consulting Radio Engineers. The initiation was followed by a banquet in honor of the new initiates at the Roger Smith Hotel.

Although the war has caused a cessation of normal activities it is noted that many Theta Taus are in Washington in government service. The president would be glad to hear from alumni in the Washington area in an effort to arrange an informal get-together.

Intermountain A. A. Has Successful Banquet

The 23rd installation banquet held March 6, 1943, was attended by 67 enthusiastic Theta Taus. Howard L. Baldwin, Hon. member of Lambda Chapter and formerly Professor of Civil Engineering at the University of Utah was toastmaster. His "pep" was contagious.

Marshall Young came all the way from Visalia, California, to the banquet. This is the second time Marshall has arranged his travels in such a way that he could come through Salt Lake at the time of our banquet. We would like more of our distant members to plan their trips, vacations, etc., so that they could come at that time.

LeRoy Davis' talk on the Great Alcan Highway was entertaining and enlightening. LeRoy is a Lambda '22 member of Theta Tau.

Richard L. Sloane from Sigma Chapter came and said he enjoyed the banquet. We know there are a number of Theta Taus from distant chapters who are now in this vicinity who would enjoy attending our banquets as much as Brother Sloane did. We wish they would come, too.

Intermountain Alumni Association Officers elected for the coming year are as follows: Executive Committee—J. Perry Erickson, President (Lambda '17); Merwin B. Hagan, Vice-President (Lambda '27); C. Milton Anderson, Secretary and Treasurer (Lambda '20). Advisory Board—Gen. W. Carter (Lambda '33), Otto Duke (Lambda '22), Edward V. Hardy (Lambda '24), Ralph Gray (Lambda '21), Wayne Turpin (Lambda '30), Hugh Thomson (Lambda '33), Paul E. Wilson (Lambda '27), Deane Orson Wright (Lambda '33).

We are very pleased to announce that Eugene Arthur Sumnicht, Lambda Chapter Treasurer, was the winner of the I. A. A.

1943 \$10.00 scholarship. You will find his picture inclosed.

I regret to report the death of Marcus Callahan (Lambda '24). "Ted" Callahan (Lambda '22) his brother, just wrote me that Marcus died January 3, 1943.

Yours in H. & T.,

C. MILTON ANDERSON



Eugene Arthur Sumnicht
Winner of the I.A.A. of Theta Tau 1943
\$10.00 scholarship

Los Angeles Alumni Club Holding Meetings

The Alumni Association of Los Angeles has not been at active during the last year as previously, due to conditions and changes made by the war. We have lost, temporarily, a good many members to the armed forces, and others have changed locations to get into war industries. I have not a complete record of those who are now officers in the service, but we lost one of our most active members and a member of our executive committee, when Brother Raymond Spencer accepted a commission as Major in the army and left for Salt Lake City. Also Brother William Carroll, I am informed, is a Major in the army and is located at March Field.

During the last year we had two most interesting meetings, one at which Brother John W. Olmstead, Professor of History at the University of California at Los Angeles, made us a most interesting talk which was thor-

oughly enjoyed by all the members. At the next meeting we had Dr. Humm as a guest speaker, one of the originators of the Humm-Wadsworth personality test which is largely used at some of the large companies in this vicinity and throughout the country. He made a very interesting talk and explained the test to us, its objects, and how it operated. Both these meetings were well attended. We had planned another meeting in the Fall, but our arrangements went haywire due to conditions beyond our control, but we expect to have a meeting in April.

We have lost our able secretary, William Badt, as he moved to Detroit.

We will be glad to have the address of any member moving to this section so that we may advise them of our meetings.

Yours in H. & T.,

THOMAS J. DONAGAN, President

Northwest Alumni Club Small But Active

As you have anticipated, our activities have been greatly disrupted by the war, but we are attempting to continue with our program as usual. So many of our members have left Battle, however, that the attendance at our meetings has fallen off considerably.

Our last meeting was held on October 6, 1942, at the Savoy night club in Mendocville. The turnout was small but we had a very enthusiastic meeting just the same. The highlight of the meeting was a talk by Professor Morton C. Smith, newly appointed member of the department of metallurgy at the Montana School of Mines. Professor Smith

spoke of his experiences while at the University of Alaska at Fairbanks.

We are planning on holding our regular spring meeting some time in April although as yet the date has not been set. These meetings give all of us an opportunity to meet old friends and make new acquaintances as well as furthering our fraternal relationship. A special invitation is extended to Theta Tau alumni who are new in this area and who have not previously attended our meetings.

Yours in H. & T.,

RAYWORTH HOWE, Secretary

Twin City A. A.

On October 11, 1942 the T. C. A. A. held its annual Founders' Day banquet at the new Minnesota Union. After a short meeting, in which Brother J. A. Colvin, Alpha '14, discussed the ever present house situation, (and we found it very good) we had an election of officers.

The following men were elected: President, William D. Schell, Alpha '14; Secretary and Treasurer, L. F. Martin, Alpha '14.

The following men were named on the Board of Directors of the House Association: Brothers, J. A. Colvin, Alpha '14; J. W. Skovholt, Alpha '31; F. C. Teske, Jr., Alpha '26; William D. Schell, Alpha '36; B. P. Prusak, Alpha '42.

We very much missed Brother 'Bob' Adelen

at this meeting as he was sick at the time, and even at this late writing is only able to work part of the time.

We then adjourned and went to the house for an initiation ceremony which reminded us of our own active days on the campus and in Alpha Chapter.

Our winter meeting on February 28, 1943, was a dinner affair with the piece-de-resistance of the evening being Brother H. H. Hopkins, Beta '08, past Grand Regent. Brother Hopkins coming from Chicago and points east gave us all, including the active members of the chapter present, a new picture and an enlightened one of the priorities on our Brothers in the active chapters on the campuses at war. Brother Hopkins pointed out the

seriousness of the situation facing Theta Tau, although he did stress the fact that the fraternity as a whole is very strong. After Brother Hopkins' informal talk the group discussed the points brought to our attention and the consensus of opinion was, that in these trying times every expedient should be used to keep the chapters alive. This, the group felt, might necessitate the pledging and initiation of younger men and also the necessity of a smaller chapter roll.

The T. C. A. A. felt that the alumni should if necessary be called in to give active and moral support to keep the chapter going.

The President, Brother 'Bill' Schoell then read us a list of the alumni Alpha has in the active service; even this incomplete list gives us an indication of the number of the Brothers in the armed forces. It is very heartening to us on the Home Front and deeply appreciated.

Following is a list of the active members

of the T. C. A. A. who are now in the active service. The list is incomplete as we have lost track of many of the men from Alpha.

O. M. Rufsvald, '11; J. H. Moore, '24; H. G. Erickson, '26; W. L. Hindermann, '29; W. F. Thompson, '30; F. J. Biltz, '31; Irving E. Sommermeyer, '31; M. A. Agathos, '31; R. F. Bartholomy, '34; M. F. Gregg, '34; W. H. Johnson, '34; S. R. Mitchell, '34; F. M. Robbins, '34; R. W. Thompson, '31; Roland G. Nygren, '33; Lee F. Paul, '34; R. C. Meyer, '39; Art C. Roebuck, '39; Gordon E. Nygren, '40; Walt E. Linchold, '40; M. A. Nelson, '42; Richard H. Mick, '42.

The meeting was then adjourned and we are planning a spring meeting.

Yours in H. & T.,

LEWIS F. MARTIN, Secretary
Twin City Alumni Association
2166 Schaffer Avenue
St. Paul, Minnesota

March 16, 1943

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THE GEAR OF THETA TAU

210 Engineering Bldg.

Iowa City, Iowa

Alumni Notes

ALPHA

ISAAC B. HANKS, '07, took pen in hand and sent us a new address. He now receives his mail at 2120 Northwest Blvd., Spokane, Washington.

JACK E. HAYNES, '08, turns in his rationing coupons from 501 South Tracy, Bozeman, Montana. Brother Haynes is a one time resident of St. Paul, Minnesota.

E. W. LEACH, '10, formerly assistant manager of Pickands, Mather & Co. has become manager of the Missabe Mountain mine in Virginia, Minnesota, for the Charleston Iron Mining Co.

JOSEPH BOWMAN PERKY, '11, mine manager for the Wauveco Chlorine Products Co., has changed his residential address to 247 Felton Drive, Menlo Park, California.

H. C. ELLIOTT, '20, received a prize of \$100 for a paper on arc welding from the James F. Lincoln Arc Welding Foundation.

EUGENE ZANGER, '21, is with the North American Aviation Co. in Inglewood, California, where his mailing address is P. O. Box 127.

RAYMOND SPENCER, '23, holds forth as Major in the Engineer Corps, U.S.A., and at pres-

ent stationed at Fort Douglas, Utah.

Geo. W. MORR, '26, (with associate) received a prize of \$500 from the James F. Lincoln Arc Welding Foundation.

BURTON W. THOMPSON, '31, has been promoted to the rank of Major, we are informed. The promotion was effective December 1, 1942. Major Thompson is in the Signal Corps attached to the U. S. Air Force, at present on duty in India. He has been on active duty for two years, having entered as a lieutenant. While attending the University he was enrolled in the advanced R.O.T.C. and was commissioned in the Reserve Corps as a lieutenant upon graduation. He was a member of Alpha Chapter and served as Regent in his senior year. Major Thompson would like to make a quick trip home one of these days—he had a daughter, Kate, born August 18, whom he has not yet seen. His wife is living at 7040 Oak Grove Blvd., Minneapolis.

JAMES R. HYUNG, '37, informed us that he now resides at 252 St. Albans Avenue, in South Pasadena, California.

BETA

WILLIAM CARRILL, '09, holds forth as Major in U. S. A. at March Field, Riverside, California.

WALKER BOWLES LONGAN, '09, is an examining mining engineer for the Columbian Minerals Commission, Bureau of Economic Warfare, Washington, D. C., and is stationed at Cali, Colombia.

JOHN D. BARKHILL, '27, formerly president of the Wilshire Corporation at Nevada City, California, is now with the U. S. Bureau of Mines at Hanover, New Hampshire.

HARRY L. FIDLER, '31, Box 642, Anchorage, Alaska, has become manager of the Evan Jones Coal Mine, nine miles from Palmer, Alaska.

WILLIAM A. BATES, '34, has been transferred to the Luning, Nevada, operations of Basic Magnesium Inc. He had been in Golden, Colorado, doing experimental flotation work at the Colorado School of Mines experimental plant.

H. H. SCHMIDT, '34, formerly with Phelps-Dodge in Bisbee, is in the army as a Captain of Engineers.

WALTER O. MORENO, '41, who was reported to be in Camp Cooke, California, sent us verification of that fact and also we note he has acquired a double silver bar insignia. His permanent address, Crystal Falls, Michigan, is a good thing to remember.

GAMMA

S. F. WARREN, Hon., is now senior metallurgist for the Metals Reserve Co., and can be addressed at Room 178, Lafayette Bldg., Washington, D. C.

ARTHUR F. WICHMANN, Hon., is in Washington, D. C., as chief of the copper unit of

the office of Civilian Supply, War Production Board. He was formerly assistant professor at the Colorado School of Mines. Prior to that he was employed by large mining concerns in New Mexico and Chile, South America.

W. V. DeCAMP, '04, is manager of the Hochschild interests in South America.

ROBERT M. WHEELER, '04, who has been in charge of the development work at the Crystal Mine near Sistrun, New Mexico, has gone to Austin, Texas, where he is addressed at 1304 Newning Avenue.

JOHN H. EASY, JR., '10, has been promoted to Senior Mining Engineer, U. S. Bureau of Mines, South Interior Bldg., Washington, D. C.

BURWELL N. KILBOURN, '11, resigned his position with the War Production Board in Omaha to become manager of the Hull Plant of the Dempster Mill Mfg. Co. at Beatrice, Nebraska.

HAROLD L. BUCKNELL, '14, has a new address at Lake Shore Station, Douglas, Michigan.

RUSSELL J. PARKER, '19, has resigned his position with the Selection Trust Ltd., in London and has returned home to become assistant to the president of the Kennecott Copper Corp., 120 Broadway, New York City. He has also been appointed Vice-President and Director of the Alaska Development Co.

WILLIAM B. CASE, '20, who has been assistant to the President of the Shell Oil Co. in New York for some years, has been transferred to Tulsa, Oklahoma, with office in the Mayo Bldg. His mailing address is P. O. Box 1191, Tulsa, Oklahoma.

HUGH M. CONNORS, '22, Major in U. S. A. at New York City.

RONALD F. CRAWFORD, '21, engineer for Ingersoll-Rand has moved to the Webster Apts., Wingdale, New York.

GEORGE W. MITCHELL, '21, moved his files and personals as manager of the Matachewan Cons. Mines Ltd., in Ontario, to Panaminas Inc., of New York.

PAUL M. SPIERSER, '21, is now manager of the Washington, D. C., office of the Sullivan Machinery Co. at 1427 I Street, N.W.

G. KEITH TAYLOR, '23, is now with the Ohio River Ordnance plant in the Ammonia division, and resides at 209 Oak Way, Henderson, Kentucky.

ABRAHAM W. RECK, JR., '23, has been appointed general superintendent of ore mines and quarries for Tennessee Coal, Iron and Railroad Co., Birmingham, Alabama. He is a native of Birmingham, attended the University of Alabama, but graduated from the Colorado School of Mines. He was employed by the Tennessee Co. in 1923 as underground engineer. Through a steady line of promotion from underground engineer to division engineer and then to chief engineer of the department he was made assistant general superintendent on January 1, 1942.

HOWARD F. KELLER, '24, is manager of the Bolivia Negra mine of the Hochschild in-

terests which has large deposits of wolframite. His mailing address is in care of the Mine Cañilla 279, LaPaz, Bolivia.

GEORGE H. CRONIN, '26, does his bit for the allies as Captain in the U. S. Army.

JOSEPH H. O'CONNOR, '26, is now engineer for Cia de Real del Monte, Pachuca, Hidalgo, Mexico.

VERNON L. MATTHEW, '26, is now general manager of the Yancey Cyanide Co., at Burnsville, North Carolina.

THEO. F. ADAMS, '29, represents our boys at 2nd Lt. A. V. S. Engr. Board, at Ft. Belvoir, Va.

THOMAS L. WELLS, '29, editor of the Explosive Engineer has a leave of absence and has joined the armed forces as a First Lieutenant of the U. S. Marine Corps.

IRA O. THORLEY, JR., '29, Major U. S. A., is in the office of Chief of Engineers, Washington, D. C.

PETER W. CUNNINGHAM, '30, who was on Midway Island for some time is with the W. A. Bechtel Co., Marinship, Sausalito, California.

C. L. FLEISHMAN, '30, has left the Cerro de Pasco Copper Corp. to become general superintendent of the Cia. Carbonera Palasca, at Chimbote, Peru.

ARTHUR B. AUSTIN, '31, represents the Hercules Powder Co. and resides at 424 No. Sergeant, Joplin, Missouri.

HERBERT R. NYE, '31, is now a "has been" bachelor as of January 2, 1945. Her name was Miss ROBERTA Jane Kerr and their love nest is located in their home town of Luning, Nevada, where Herbert is employed at the Basic Magnesium Inc.

LEON BARTHOLOMEW, '32, who was in the Philippines in 1941, joined the army as a Captain at the outbreak of war and is now a prisoner of war.

JOHN S. RUMP, '32, assistant mechanical engineer, Supervisor of Shipbuilding, U.S.N., is working with the Ingalls Shipbuilding Corp., 919 Beach Bldg., Pascagoula, Mississippi.

WALTER H. ZWICK, '32, has left the Cerro de Pasco Copper Corp. in Peru where he was General Mine Foreman to enter the armed forces. At present he is at Hq. 1st Bn. E.R.T.C., Ft. Belvoir, Virginia.

ROBERT W. HARRISON, '33, spent a short time in the "Refresher Course" at Ft. Leonard Wood, Missouri, then transferred to the 11st Engr. Regt. (c), a Corps Combat Regiment at Camp Bowie, Texas. He is now attending the "First Field Officers' Course" at the Engineering School at Fort Belvoir, and upon completing same will return to Camp Bowie. His present assignment is S-3 in the regiment with address: 1st Lt. Hq. 11st Engr. Regt. (c), Camp Bowie, Texas.

NEIL O. JOHNSON, '33, entered service July

1942 as 3d Lt. C. E., Alabama Ordnance Works, Alexander City, Alabama. In September he was transferred with the army engineers on construction of highway. His present address is in care of the Post Office, Seattle, Washington.

LISTER D. KNILL, '33, is now with the Bureau of Mines Safety Division on the coast and has been teaching the Mine Rescue and First Aid course to members of the Mining Department at the University of California. He may be reached at the Bureau of Mines Safety Division, 422 Acheson Bldg., Berkeley, California.

RALPH E. JOHNSON, '33, indicated a change of address. Brother Johnson now receives mail at 1020 Wyoming Street, Boulder City, Nevada. He also reported that the Fall edition was "most enjoyable." We thank you, Brother Johnson.

LENN LEROY, '33, who has been in Sumatra for several years in charge of Mactopaleontology for the Standard Oil Co. of California, now has a position in the geology department at the Colorado School of Mines and with his wife and young son resides at 31 Mines Park, Golden, Colorado.

LEROY E. HALL, '35, formerly safety engineer for the Banner Mining Co. at Lordsburg, New Mexico, is now an ensign in the Navy with headquarters in Detroit.

DENT L. LAY, '35, is a Capt. with new address in Seattle, Washington.

JAMES H. MITCHELL, '36, does his bit for our country as 2nd Lt. C.E., U.S.A., stationed at Camp Walters, Texas.

CHAUNCEY L. SHARPE, '36, has been transferred by U. S. Gypsum to its property at Ft. Dodge, Iowa, where he resides at 1013½ North 11th Street.

E. F. PETERSON, JR., '37, can be found with the U. S. Bureau of Mines, 232 Security Bldg., Denver, Colorado.

HUBERT E. RINER, '37, is a Lieutenant in the U.S.A. at Seattle, Washington.

LENN E. BRENNEMAN, '38, entered 4th Refresher Course at Ft. Belvoir, Virginia, on February, 1942, graduating in March. He was assigned to Tucson, Arizona, at the Davis-Monthan Air Base, of which he was made Motor Officer. After some shifting about he was ordered overseas in June,

wearing the insignia of a Lieutenant.

GEORGE JENNIN, '38, is trainee for Kinner, Curtis & Wright, Mohave, California. R. C. MCCUTCHEEN, '38, is now located at the Petroleum Experiment Station of the U. S. Bureau of Mines, Bartlesville, Oklahoma.

ALLEN S. CROWLEY, '39, who is with the Gardner-Denver Co. has changed his residence to 2302 Jersey Street, Quincy, Ill.

RALPH G. FENLEY, '39, is stationed in Hawaii and gives his address as Pleasanton Hotel, Honolulu.

REX FLYNN, '39, a Capt. in U.S.A. has a new address, Co. C. 61 Eng. Bn. San Francisco, California.

J. RUSSELL CRAMBERA, '40, now lives close to the stars, his new address being P. O. Box 111, North Hollywood, California.

DONALD H. DOWLIN, '40, keeps them flying at Lt. in the Air Corps, at Geiger Field, Spokane, Washington.

PATRICK A. LEWIS, '40, sticks pretty close to mother earth these days. He had an exciting time sliding the slant-eyed sons of satan on the Pacific Ocean right at the time of the surprise "call" on Pearl Harbor. (See Letters). Brother Lewis employed now as a Mining Engineer for the American Metal Company in Pisco, Nevada, and has the key to P. O. Box 1662, Pisco post-office.

WALTER L. CROW, '41, is a midshipman at the U. S. Naval Academy, Maryland.

LUCAS DEGOES, '41, is a Lt. U.S.A. with the Ferrying Squadron at Long Beach, Calif.

WALTER PRITTE, '41, is engineer on construction for the Dowell Construction Co., Haines, Alaska.

W. R. SCHILLER, '41, is a Lt. at Camp Rice, California.

RANDALL H. TAYLOR, '41, is a Lt. A.A.F. at Blytheville, Arkansas.

WILLIAM H. BOUSMAN, '42, is a Lieutenant in the Engr. Bn. Avn. near Seattle, Washington.

ROBERT S. EVANS, '42, is a Lt. with a new address in New York.

GEORGE A. KIERICH, '42, is now a Lt. at Camp Wilson, North Carolina.

ROBERT D. McPIERCE, '42, is in training at the U. S. Naval Academy, Room 4234 Balcroft Hall, Annapolis, Maryland.

DELTA

CLARENCE L. EDDY, Hon., professor of Engineering Administration was named controller of the College's war training program by President W. E. Wickenden on January 18. Professor Eddy, a member of the faculty since 1907, will handle fiscal matters for this rapidly expanding branch of the Coe curriculum.

WILLIAM McKENNA DUGAN, '28, won his knowledge as engineer at the Ravenscroft Ordnance Plant, but his home is at 329 Woodlawn Avenue, Cambridge, Ohio.

STANLEY A. MIDNIGHT, '29, was the winner of \$3,700 in the last James F. Lincoln Art Welding Foundation contest. Brother Midnight, assistant chief draftsman of the

American Ship Building Company of Cleveland, Ohio, participated in the Watercraft Division of the contest. The prize money ought to give him a good start on this year's income tax.

WILLIAM G. HALL, '34, has a new mailing address at 2711 Berkshire Road, Cleveland Heights, Ohio.

CARL A. (SWEDE) CARLSON, '39, leaving Case School of Applied Science, where he was a graduate assistant in the Civil Engineering department, reported for active duty as an Ensign on January 2, at the Navy's Training Station at Norfolk, Virginia. As a senior Carlson was voted the Lee Hale Memorial Award as the most valuable member of the football squad and was awarded the Scott Prize for highest grades. On December 20, at Commencement, he received his master's degree in civil engineering.

VICTOR J. NIXON, '40, is now serving overseas as a Lt. in U. S. Army. Mrs. Nixon is living at 11 East State Street, Cleveland, Ohio.

R. J. CLARK, '42, is chief engineer for Jack L. Heintz, Inc. at Bedford, Ohio.

E. E. CONKRELL, '42, C. L. MEEKER, '42, W. F. MLYNKO, '42, have been commissioned ensigns in the Specialist branch of the U. S. Naval Reserve.

LAWRENCE E. GREENE, '42, was married on December 19, 1942, to Miss Pearl Dietman, a graduate of Northwestern University.

Shortly thereafter, he left the employ of the Lincoln Electric Co. and is now a Lt. in the Signal Corps, U. S. Army and residing at the Lakelyn Hotel, 303 Summit Ave., Ashbury Park, New Jersey.

ERNEST DAVID HEPPERT, JR., '42, who graduated in December, was given the Theta Tau award as the most promising senior at the Senior banquet on December 3, 1942.

CHARLES MEEKER, '42, president of the senior class, presided at the senior banquet.

GEORGE FREDERICK SOWERS, '42, was the top-ranking senior graduating in December. He won the Philip Bliss award of \$100 and the President Wickenden award of a War Bond for his contribution to scholastic and campus life at Case.

GEO. F. SOWERS, '42, CARL F. SCHUCHERMAN, '42, LESTER H. SYMES, '42, EDWARD J. R. HUNGE, '42, ROBERT B. LEACHMAN, '42, RICHARD F. SMALL, '42, JOHN R. NIELSON, '42, ERNEST D. HEPPERT, JR., '42, W. J. WICKMEYER, '42, RICHARD E. FANER, '42, J. C. POTTENBERGER, JR., '42, ORRIN W. MORGAN, '42, were on the scholastic honor roll of the senior class of 181 graduates at the commencement in December. Almost half of the seniors on the honor roll were members of Delta Chapter.

E. D. HEPPERT, '41, requests that the GEAR be sent to his home which is 24 Fifth St., N.E., Barberton, Ohio, as he soon expects to be on Navy duty and will have no permanent address.

EPSILON

ERNEST E. BEHR, '10, we discover at a new address, 128 N. San Joaquin St., Stockton, California.

CHARLES M. HERON, '11, consulting mining engineer, has a new address at 483 N. Segovia Avenue, San Gabriel, California.

SILAS W. B. DAVIS, '12, we find located in Wallace, Idaho.

MERVYN G. EDWARDS, '12, fills the capacity as Chief Geologist at the Shell Oil Co. in the Western Division. His address is P. O. Box 290, Long Beach, California.

RALPH B. HIGEL, '12, does his thinking for Rep. Shell Oil in Washington, D. C., and resides at 2203 S. Knoll Road, Arlington, Virginia.

ANDREW W. LAWSON, '12, resides in Room 5220 at 141 W. Jackson Blvd., Chicago, Ill.

JOHN R. SUMAN, '12, vice-president of the Humble Oil & Refining Co., Houston, Texas, was awarded the Anthony F. Lucas gold medal for 1943 by the American Institute of Mining & Metallurgical Engineers (of which he was president in 1941) for "his distinguished achievements in improv-

ing the technique and practice of petroleum engineering."

FRANK L. WILSON, '12, lives at 120 E. 89th St., New York, New York.

STANLEY L. ARNOT, '13, superintendent for the U. S. Lime Products Co., at Sonoma, Calif.

BURDETTE OTIS, '13, resides at 712 Garfield Ave., South Pasadena, California.

OLIVER W. YOUNG, '13, collects his shakels as an Engineer and resides at 4410 Van Nuys Blvd., Van Nuys, California.

ERIK K. OAK, '14, we discover at 1234 Ethel Street, Glendale, California.

ALANSON R. HEGEMAN, '14, earns his keep as the Western Representative for the Clark Bros., Inc., at Bickert and Mission Streets, Huntington Park, California.

DONALD H. McLAUGHLIN, '14, has just completed a year as Dean of the College of Mining and will become, in August, the Dean of the combined College of Engineering and Mining. The Dean has attended all of the chapter's affairs, and the present Brothers are unanimous in proclaiming him a "swell little guy." Past mem-

- here may be sure that the department is in capable hands.
- OSCAR A. CAYTON, '11, does his thinking for the Standard Oil Co. of California and resides at 474 Alma Ave., San Francisco, California.
- WILFRED H. GEDD, '15, is no less than Assistant to the President of the Union Oil Company of California with headquarters in Los Angeles, California.
- BERNARD T. ROCCA, '11, president of Pacific Vegetable Oil Company, may be reached at 42 Townsend Street, San Francisco, Calif.
- LAWRENCE VAN DYKE LECK, '15, independent oil producer who resides in Alhambra, California, has been appointed Director of Production for District 1 of the Petroleum Administration for War.
- SAMUEL E. ADAMS, '16, can be reached at Box 164, Cut Bank, Montana.
- H. BRUCE BARKIN, '17, took over the duties as President of the B. & W. Oil Tool Co., 1101 Commerce Bldg., Houston, Texas.
- WRIGHT E. D'EVILLYN, '17, is another California popularizer and the number across his front door in San Marino is 2178 Lucain Road.
- TRAVIS P. LANE, '17, is located at Zoneton, British Columbia.
- JOSEPH T. DEANE, '18, is employed by the California Standard Arabian Oil Co., located on Bahrain Island.
- LESTER F. KOHLER, '18, is using his knowledge of a geologist at the Petroleum Securities Co., Box 187, Oldale, California.
- ARLO M. SPERRY, '18, mining engineer, has a new address at 109 Canton House, Denver, Colorado.
- THEO. H. CROOK, '18, resides at 180 Cragmont Street, Berkeley, California.
- RICHARD G. KERR, '19, has his checks signed by the Standard Oil of California, 221 Bush, San Francisco, California.
- RICHARD N. NELSON, '19, spends his working hours with the Standard Oil of California, 221 Bush, San Francisco, California.
- LAWRENCE K. REGUA, '19, is President and General Manager for the Idaho Almaden Mines at Victor, Idaho.
- SAMUEL GRINSEFELDER, '20, does his thinking for the Union Oil Co. of California located at 1114 Commerce Bldg., Houston, Texas.
- GLENN T. O'BRIEN, '20, resides at 227 Palm Drive, Piedmont, California.
- GEORGE L. KLINGAMAN, '21, collects his checks from the Standard Oil of California, Box 97, Arcata, California.
- HARRY F. LLOYD, '21, we discover at Rough & Ready, Nevada County, California, c/o Mrs. M. B. Church.
- RALPH T. SALIBURY, '21, resides at 4441 Revenue Ave., Oakland, California.
- EDW. C. STIMPSON, '21, makes his way at geologist for the Superior Oil Co., Edison Bldg., Los Angeles, California.
- FRANK C. CUTTE, '22, has changed his home address to 16 Broadmoor Road, San Anselmo, California.
- LAWRENCE F. MORILL, '22, has his checks signed by the San Luis Mining Co., Taylortita, Durango, Mexico.
- PHILIP J. SHEENON, '22, fills the capacity of Construction Geologist for the Idaho Bureau of Mines & Geology at Salmon City, Idaho.
- JOHN META, '23, does his share with the Fahrenbridge Nickel Co. at Fahrenbridge, New Mexico.
- GEO. O. SCARFE, '23, we discover at Clearlake Highlands, California.
- GLOYD M. WILES, '23, makes use of his engineering knowledge for the St. Louis Smelting & Refining Co., located in Tri-State District and Fredricktown, Missouri.
- CHARLES A. ANDERSON, '24, a polyhedron expert for the U.S.G.S. was last heard from in Arizona, after surveys in Washington, Idaho and elsewhere.
- W. G. DONALDSON, '24, 19 Alta Road, Berkeley, California, has disposed of his interest in the Redrock quicksilver mine near Solvang, California.
- JOHN D. GILMAN, '24, is located at Evansville, Indiana.
- ERWIN N. PENNERAKER, '24, uses his knowledge as a Geologist for the American Metal Co. at Matanzas, Cuba.
- DAVID C. SHARPSTONE, '24, has been sent to South Africa by the Government to represent the W.P.B. in expediting production of strategic minerals.
- GAVIN WITHERSPOON, '24, works for the Standard Oil Co. of California, 221 Bush St., San Francisco, California, and resides at 418 Bucknall Drive, San Mateo, Calif.
- ERWIN M. ROTT, '25, recently returned from Columbia and is now with the Mining Properties Branch, First Floor, Wing 1, Temporary Bldg., E. Sixth & Adams Drive, S. W., Washington, D. C.
- WM. W. RAND, '26, is employed as Geologist for the Shell Oil Company in Texas.
- ROBERT W. BURGER, '27, spends his working hours as Geologist for the Texas Company at Bakersfield, California.
- HENRY C. REA, '27, is Construction Geologist at Jackson, Mississippi.
- ALBERT B. STEVENS, '27, former professor of petroleum engineering at Texas A. & M., is at present at the Barrage Balloon School, Camp Tyson, Tex., and has the rank of Major.
- CHARLES O. FAIRBANKS, '28, is a member of the Canadian Parliament and Engineer Corps of the Canadian Army.
- ROGER F. RAHADEN, '28, is Associate Geologist for the Bureau of Reclamation at Denver, Colorado.

- EDWARD C. STEPHENS, JR., '28, uses his knowledge as geologist for the International Smelting Co., and resides at 1524 Emigration, Salt Lake City, Utah.
- ANNIE M. TWENTY, '28, builds his own as Captain in the Army located in Alaska.
- HOMER D. ERWIN, '29, wants us to know that his address is now 184 N. Arroyo Parkway, Pasadena, California.
- ROBERT W. TURNER, '29, has signed up with the Superior Oil Co., Edison Bldg., Los Angeles, California.
- JOSEPH DeCONTE, '30, located with the Tennessee Valley Authority, is at Norris, Tenn.
- GEORGE F. SEAGER, '30, is with the Mining Division Board of Economic Warfare in Washington, D. C., and resides at 2333 34th Street SE, Washington.
- HOW. A. HANSEN, JR., '31, has a daughter, Margaret Marie, born January 18, 1941, in Palo Alto, California, where the family resides at 490 Cornell.
- LEWIS R. GOLDSMITH, '32, has located with the Shell Oil Co., P. O. Box 728, Wilmington, California.
- EDWARD HANSEN, '32, gathers his shokals from the Denver Equipment Co., Denver, Colorado.
- THOMAS H. McCRELLAN, '32, is way off in South America. His official address is c/o Pato Com. Gold Dredging Ltd., Apartado 818, Barranquilla, Colombia, South America.
- ARTHUR WICKER, JR., '32, just informed us that he is a Major in the Ordnance Department with headquarters in Alaska. He may be reached in care of the Postmaster, Seattle, Washington, with permanent address at 2199 26th Ave., San Francisco, Calif.
- GORDON R. BELL, '33, is Chancellor for the Canfield Midway Oil Co. at Teft, Calif.
- GEORGE G. FLEMING, '33, is Sales Engineer for Hydral Company and resides at 113 St. Joseph St., Lafayette, Louisiana.
- T. ARTHUR SNEEDEN, '33, Mine Superintendent of the French Unit for the American Smelting and Refining Company, Patagonia, Arizona.
- DUDLEY TURNER, '33, is employed by the Union Oil Company, 1134-40 Commerce Bldg., Houston, Texas.
- WYATT BOURKE, '34, at present is Mining Engineer at the National Bank Bldg., Albuquerque, New Mexico.
- LINCOLN A. MARTIN, '34, holds the position as Geophysicist with the Shell Oil Co. of California, Box 290, Long Beach, Calif.
- RICHARD H. MERRIAM, '34, by the way, is Petrologist at the Bureau of Reclamation, Shasta Dam, Redding, California.
- JOSEPH J. STRUTZEL, '34, punches the time clock at the Prospero Sulfur Company, Port Sulfur, Louisiana.
- CLAUDE J. AATERO, '35, is on the staff at Cia Minera de Chuco, Casilla 134, Oruro, Bolivia, South America.
- JOHN H. BRINEMAN, '35, is Instructor in Geology at the University of Venezuela.
- JOHN EDWARD KILKENNY, '35, uses his knowledge as geologist for the Pure Oil Co., 1916 Chester Avenue, Bakersfield, Calif.
- CHARLES A. LINDVAY, '35, has attached himself as Ensign with the U. S. Naval Reserve at the Destroyer Base in San Diego, California.
- ALTON McLAUGHLIN, '35, was in the Philippine Islands for some years and decided to come to California in November 1941, which was a lucky break. He is now assistant chief chemist for Permanent Metals Corp., in San Jose, California, and lives on Route 1, Box 137, San Jose, California.
- ALLISON J. SOLARI, '35, earns his salt as a Geologist for the Standard Oil Co. of California at 225 Bush St., San Francisco, California.
- GALLEN H. STURGEON, '35, oil company geologist in the Dutch East Indies was on route home with his wife on vacation when war broke out. Now he is going back, but as a U. S. flier, having recently won a commission.
- HARRY L. THOMPSON, '35, shoves his feet under the table at the Shell Oil Co., P. O. Box 599, Bakersfield, California.
- JAMES T. WILSON, '35, Instructor in Geology at the University of Michigan, Ann Arbor, Michigan.
- JOHN N. ANDRAG, '36, flits as Lieutenant with the Navy. Home residence, Box 213, Auburn, California.
- WILLIAM BART, '36, formerly secretary of the Los Angeles Alumni Association, is with the American Blower Co., and his mailing address is now Box 18, Roosevelt Park Annex, Dearborn, Michigan.
- RICHARD A. HOLMAN, '36, can be reached in c/o Amarada Petroleum Corp., Coolings, California.
- JOHN F. LORD, '36, is now a Naval Officer on active duty somewhere in the Pacific. Mail sent to his wife at 2316 H Street, Sacramento, California, will be sent on to him.
- RICHARD C. MIELTENZ, '36, is associated with the U. S. Soil Conservation Service, Denver, Colorado.
- ROSCOE SMITH, '36, drives for the Anacosta Co., Butte, Montana.
- CONRAD W. THOMAS, '36, is Mine Foreman at Diablo Heights, Conal Zone.
- HENRY J. CAYNELL, '37, is Petroleum Eng., for Standard Oil Co. of California, Box 37, Avenal, California.
- ARTHUR E. FEINMEYER, '37, uses his knowledge as Geologist for the Superior Oil Co. of New Zealand. Forward mail through Superior Oil Co., Los Angeles, California.

- WILLIAM N. MONSTER, '37, stirred around a little in Texas and finally landed at 6118 Community, Houston, Texas, to which address he would like all mail sent.
- WILLIAM NELSON, JR., '37, reports as of March 14 that he has changed his address from c/o Shell Oil Co., Bakersfield, Calif., to c/o Shell Oil Co., Oilfields, Calif., where he is an exploitation engineer.
- GEORGE F. REED, '37, holds down the job of Superintendent of a copper-lead property near Aguila, Arizona. His mail goes to Box 44, Aguila. He was recently married while in Deming, New Mexico.
- ROBERT B. GRANT, '38, has been reported missing in action in the South Pacific.
- BEN E. GUMPERTZ, '38, uses his engineering knowledge at the Lockheed Aircraft Corp., 7718 Franklin St., Hollywood, California.
- KENNETH F. HILL, '38, is Engineer for the California Conservation Commission, Subway Terminal Bldg., 417 So. Hill St., Los Angeles, California.
- YARD A. SYRICKTON, '38, has joined Uncle Sam's Navy as an Ensign and is on active duty with the Pacific Fleet.
- EDWARD M. WHEELER, '38, traded his "vivian" for Navy blue and dropped anchor at 128 Adams Building, Fort Arthur, Texas. During the transaction he picked up the title of Lieutenant (jg) USNR.
- JUAN F. WILSON, '38, dropped in a note saying that his address for receiving the Gear is now c/o U. S. Geological Survey, University of California, Berkeley, California. Among other things, his duties consist of examination of manganese deposits for the U.S.G.S.
- ROBERT K. BYRTEK, '38, formerly with the Houser Gulch Placers of San Francisco, is now a 1st Lt. in the Army.
- JAMES B. CATHERART, '39, spends his working hours as a Geologist for the Superior Oil Company at Denver, Colorado.
- JACK W. HAY, '39, spends his eight hours per day with the Bonker Hill & Sullivan Mining Co., 414 Maple St., Kellogg, Idaho.
- GORDON L. JOHNSON, '39, is Engineer with the Southern Pacific Railroad with residence at 811 Esplanillo Street, Martinez, Calif.
- CHARLES E. LARSON, '39, succumbed to married bliss recently and their present residence is 330 Sonoma Drive, San Mateo, California. He is now an Army Aviation Cadet.
- E. ALLEN McCLURE, '39, does his share with the Baker Oil Trap, P. O. Box 1184, Lubbock, Texas.
- MERVIN A. SERBU, '39, is in the Landing Gear Unit, Aircraft Laboratory, Experimental Engineer Section, Wright Field, Dayton, Ohio; permanent residence, 789 14th Ave., San Francisco, California.
- ROY TURNER, '39, is on active duty as a Lieutenant in the U. S. Army Ordnance; permanent residence, 1198 Montgomery St., San Luis Obispo, California.
- WILLIAM C. CLARK, '40, is on active duty with the U. S. Army, Infantry; res., Rt. 1, Box 12, Villalia, California.
- CHESTER M. GIBSON, '40, back again at California is continuing his work in mining after a year or two with the Army Engineers.
- GEORGE JUNG, '40, with the U. S. Army Air Corps; perm. res., 2249 Bryant St., San Francisco, California.
- SAMUEL T. MARTNER, '40, does his thinking at the Seismology Lab., California Institute of Tech., Pasadena, California.
- GRANT W. METZGER, '40, is flying with the Marines, 2nd Lt.; perm. res., Box 1217, Stanford University, California.
- ROY NELSON, '40, works as Librarian at the Lockheed Engineering Library; res., 120 W. Glenosky Blvd., Glendale, California. He was married recently.
- TED OLSON, '40, flies as 2nd Lieutenant with the Marines; perm. res., 914 Marview, Los Angeles, California.
- DON SOMMER, '40, uses his engineering knowledge for the Bethlehem Shipyards at Richmond; res., 140 Alcatraz, Berkeley, Calif.
- BLAIRMORE E. THOMAS, '40, is a 2nd Lieutenant in the U. S. Army as a Meteorologist.
- GEORGE K. AUGUST, '41, seeks higher learning as a graduate student in Harvard School of Business Admin., Gifford Hall, E-11, Soldiers Field, Boston, Mass.; perm. res., 509 W. Whittier Blvd., Whittier, Calif.
- THOMAS N. BENTON, '41, flies with the U. S. Navy; perm. res., Bonhall, California.
- A. KIRKWOOD BUCKLEY, '41, flies through the air with the greatest of ease with the Marines.
- EDWARD P. BURCHFIELD, '41, is leaving California to work for Stanolind Co., Brownsville, Texas; Perm. res., 445 62nd St., Oakland, California.
- EDMUND BUTLER, '41, spends his working hours as Engineer for the Associated Oil Company with residence at 114 W. Simpson St., Ventura, California.
- MAXWELL G. CAPLAN, '41, mail sent to Bacon Hall, Berkeley, California, will be forwarded to Mex who is an Ensign in the U. S. Naval Reserve.
- MAX D. CRITTENDEN, '41, was Epilon's delegate to the National Convention held last December in St. Louis, and was voted outstanding delegate at the meeting. Residence is 1271 Settle Ave., San Jose, California.
- JOSHN R. CULLEN, '41, still an engineer at Bethlehem Shipyards in Richmond has a new address at 2518 Etna Street, Berkeley, California.
- DONALD A. DUTLOW, '41, now works as En-

- sign in the U.S.N.R., located at the Naval Air Station, Sand Point, Washington.
- WILLIAM M. FIEDLER, '41, the old brain wizard, is Instructor in Geology at Carleton College, Northfield, Minnesota.
- RONIE D. FULLER, '41, is up to his ears in work as Engineer for the Consolidated Aircraft Corp., San Diego, California.
- THOMAS C. "BOB" LANDRETH, '41, was working on Wake Island December 7, and is now a prisoner of war somewhere in Japan.
- HARRY C. LIEB, '41, flies for Uncle Sam's Navy as an Ensign.
- HAROLD NIVEN, '41, is an Ensign in the U. S. Naval Reserve, O-V(S), now at Induction School, Fort Schuyler, New York; perm. res., 2184 Maxwell St., Oakland, California. Harold said "I do" last April, and by so doing paired from single blessedness.
- DEAN R. NICK, '41, we discover as Ensign in the U.S.N.R., A-V(S), Naval Air Station, San Diego, California; perm. res., 1338 S. Bronson Ave., Los Angeles, California.
- BIRNETTE OGLE, '41, joined the ranks of the U. S. Marines as a Lieutenant and is now located at officers' training school at Quantico, Virginia; perm. res., 2741 Grove Ave., Berkeley, California.
- WILLIAM PLAMET, '41, can be found as a Lieutenant with the Army Air Corps; perm. res., 11308 Southwest Blvd., Los Angeles, California.
- ROBERT D. PROCTOR, '41, is a Lieutenant in the U. S. Army Ordnance; Bob was on duty in the Philippines and was reported safe on April 1, 1942; he is presumably now a prisoner of war.
- JOHN R. SAVADE, '41, has joined the U. S. Army; res., 7251 14th Ave., Los Angeles, California.
- WILLIAM M. SAVAGE, '41, is now in England with the U.S.A.A.F. Perm. res., 102 Foothill Road, Beverly Hills, California.
- F. MONROE BERNON, '42, received his commission as 2nd Lt. in the Army at the 1942 Commencement. His address is 161 Sunset Drive, Whittier, California.
- WILEY CARLTON, '42, now a Lieutenant in the Army is stationed at MacDill Field, Tampa, Florida.
- JOHN G. FRIZZ, '42, has accepted the position as Tool Designer at the Douglas Aircraft Corp., Long Beach; res., 1819 E. Broadway, Long Beach, California.
- DONALD E. GREENLEE, '42, spends his eight hours a day with the Shell Oil Co.; perm. res., 40 16th Place, Long Beach, California.
- He recently became engaged and very soon will shed his cloak of singleness.
- JOHN R. HALLER, '42, has landed as Ensign with the U.S.N.R.; res., 2128 Pine St., San Diego, California.
- CHARLES HANEY, '42, is another Ensign in Uncle Sam's Navy; res., 320 N. Brand, Glendale, California.
- BRUCE H. HELLER, '42, we are told, is a 2nd Lieutenant in the U. S. Army; res., Rt. 1, Box 674, Aptos, California.
- LOWELL HILPERT, '42, is hunting for mercury with the U.S.G.S. at Almaden. His address is: P. O. Box 1249, San Jose, Calif.
- ROY L. HISSARD, '42, by the way, is an Ensign in the U.S.N.R. as a Meteorologist; res., Redley, California.
- ROBERT P. HULL, '42, at present is Trainee for the Ingersoll-Rand Co.; res., 1014 E. Luján Ave., Burbank, California.
- WALLACE N. MCCLUNE, '42, now with the Army Air Corp is in Engineering School in Illinois.
- MATTHEW PETER NAKOWSKI, '42, has landed as geologist for Cons. Coppermine Corp., at Kimberly, Nevada.
- RONALD H. NEWMAN, '42, gathers his shakels at the Shell Oil Refinery at Wilmington, California; perm. res., 1711 2nd St., Bakersfield, California.
- THOMAS W. RUSSELL, '42, an Ensign in Naval Aviation Ordnance School at Fredericksburg, Virginia, has just recently been married. He lives at 119 Caroline Street, Dahlgren, Virginia.
- WILBUR H. SOMERTON, '42, is teaching assistant Petroleum Engineering at the University of California; perm. res., 5264 Caplan Ave., Long Beach, California.
- HARRY C. SPAAN, '42, has been spending his time as Ensign with the U. S. Navy; perm. res., 511 Santa Clara Ave., Oakland, Calif.
- JERRY H. STONE, '42, an Ensign, is taking communications training at Harvard.
- MAX J. TAYLOR, '42, permanent residence is 1810 Cedar Street, Long Beach, California.
- WILLIAM S. TWENHOFEL, '42, formerly of Madison, Wisconsin, has taken up residence at 2201 24th Street, South, in Arlington, Virginia.
- GUY A. ABRAHAMSON, '43, who is in Florida is now with the Army Air Corps.
- CHARLES A. B. CLEETH, '43, does his bit for the Climax Molybdenum Co., Climax, Colo.
- PATRICK B. MCGRAFFIN, '43, can be reached at this address: Rt. 1, Box 128, La Canada, California.

ZETA

- P. P. WAGNER, '18, "yarns" his living in Div. Engineer with the Missouri-Pacific Railroad, and "does" his living at 101 W. Cedar Street, Webster Groves, Missouri.
- PAUL S. FOX, '20, 1020 Don Culevo, Santa Fe, New Mexico, is now Captain with the Army Sanitation Corps at Ft. Sam Houston, Texas.

- WALDO G. BOWMAN, '23, received the Navy's Award for "his patriotic contribution to the war effort in obtaining the enlistment of recruits for service in the Construction Battalions of the United States Navy." The honor was given to him for the story he wrote "The Seabees Are Coming" which appeared in the Engineering News-Record of which he is editor.
- WALLACE M. JAMES, '24, 38 Franchin Avenue, West Caldwell, New Jersey, still earns his keep working for the R.C.A. He was in Lawrence last fall interviewing graduating seniors for jobs with R.C.A.
- RALPH M. KING, '25, 843 Maury, Memphis, Tennessee, is Vice President of Layne-Arkansas Co. and chief of Layne-Central Company. He mentions that he saw Capt. Ray E. Lawrence, '21, and Everett E. Carlson, '21, recently but didn't give their addresses.
- HAROLD A. JIMENEZ, '26, 2659 East 7th Street, Tucson, Arizona, was a Captain with the Coast Artillery on Batsum, but his whereabouts is unknown now.
- CARL POPPINGO, '26, 1109 W. Lynwood Ave., Phoenix, Arizona, took over the duties of Sales Engineer with General Electric covering mining properties in Arizona.
- DONALD M. BLAIR, '28, 1 Yale Terrace, Montclair, New Jersey, is working for Bell Labs, Inc.
- RALPH W. NUNN, '28, 6621 Rutgers, Houston, Texas, does his share in the Sales Department of Sheffield Steel Corp. of Texas.
- MAXLEY J. HOOK, '28, Winding Way, Lin Alton, California, spends his time doing laboratory work at Moffet Field, Calif.
- HENRY GEORGE HUGHES, '30, 1524 Medford Avenue, Topeka, Kansas, joined the ranks as a 1st Lieutenant in the E.R.T.C. at Fort Leonard Wood, Missouri.
- WILLARD A. HARDESTY, '32, Proving Center, Aberdeen Proving Ground, Maryland, makes use of his engineering knowledge as a Safety Engineer for the War Ordnance Department.
- E. B. YOUNGSTRON, '33, serves the "red, white & blue" as 1st Lieutenant stationed at Seattle, Washington.
- F. M. BAUTELHA, '34, 1212 Franklin Drive, Independence, Missouri, punches the clock regularly at the Standard Oil Co. and is a proud parent of a new son, Paul Edward.
- CARL KINGSTATER, '31, 92 Orchard Road, North, Tennessee, spends his working hours with the TVA.
- DAN McKIN, '35, we're proud to report is a Captain with the Army Engineers.
- ED STOUT, '35, does his thinking for the TVA at Muscle Shoals.
- C. K. WILLEY, '35, is proud to be in the service of his country as 1st Lieutenant.
- CHARLES GRANT, JR., '38, 1400 29th St. SE., Washington, D. C., is working in the U. S. Navy Yards.
- HOWARD MORELAND, '38, does his bit for Uncle Sam as 1st Lieutenant at Seattle, Washington.
- RAY ROCKSAS, '38, wants it known that he is now a wedded man and resides at C.A.C., Ft. Worden, Washington, where he answers to the title of Captain.
- GUY GUTHRIE, '38, is also at Fort Worden.
- STANLEY BLOOM, '39, 111 W. 14th St., New York City, does his bit for the Sperry Gyroscope Company.
- F. M. VEATCH, '39, answers to Lieutenant and resides at 401 Club House Avenue, Newport Beach, California.
- ALVIN LEX BARNETT, '40, is with the Radio Corp. of America, and mail should be sent to 322 South Jordan, Bloomington, Ind.
- HAROLD W. HANSH, '40, 2810 Harrison Ave., Apt. 6, Cincinnati, Ohio, is working for DuPont.
- LYMAN D. KETCHUM, '40, Route No. 2, Box 216, Kansas City, Kansas, introduces himself as Ensign of the Navy serving at Yorktown, Virginia.
- VERNON A. MAY, '40, Box 3374, Lowell, Arizona, earns his shakels digging copper for the Phelps Dodge Corp.
- F. N. (BUD) THURMON, '40, 4112½ Campus Avenue, San Diego, California, has a new son and earns his board and keep at the Consolidated Aircraft Corp.
- CLARENCE A. CALLAHAN, '41, 1107 Van Buren, Topeka, Kansas, works for the Navy as an Ensign and is stationed at Key West, Florida.
- RALPH P. CARPENTER, '41, 943 Argentine Blvd., Kansas City, Kansas, has a job with the Civil Service to worry about.
- ROBERT G. PAULETTE, '41, joined the ranks of the Army as Lieutenant at New York.
- CARL R. ROLLERT, '41, 6028 Hall, Mission, Kansas, became a "Papa" last fall, but still works regularly for the Aircraft Accessories Corp., Kansas City, Kansas.
- LEONARD SCHROETER, '41, succumbed to married bliss and his home address is 1336 Medford, Topeka, Kansas. He is Captain in the C.A.C. at Ft. Worden, Washington.
- WALTER CROOK, '42, Humble Dorm, Baytown, Texas, does his bit for the Humble Oil Co.
- FRANCIS J. DOMINGO, '42, works for the Army Engineers as a Lieutenant.
- SAM FORTYETH, '42, joined the ranks as a Lieutenant and is stationed at Camp Wallice, Texas.
- DORIS M. MURHENDER, '42, has been promoted to the ranks of husband (Yes, the home town girl) and 1st Lieutenant, stationed at the Submarine Mine Depot, Fort Monroe, Virginia.
- JAMES C. "PETE" ROBBINS, '42, 661 North

Broad Street, Elizabeth, New Jersey, finds his attentions divided somewhat between the Linde Air Products and a certain Kansas City girl to whom he recently became engaged.

HARRY M. BOX, '43, Parkville, Missouri, is one of the ground crew for the Army Air Corps.

FRANK BRYANT, Hun., serves the U. S. Army as Colonel in Field Artillery at Ft. Bragg, South Carolina.

HOWARD BOWER, '32, is a Major in Field Artillery at Guadalcanal.

V. M. WANN, '34, can be found on the R.O.T.C. Staff at Purdue University as 1st Lieutenant in Field Artillery.

NORM MONROE, '36, manhandles the cold weather in Alaska as a 1st Sgt. in the U. S. Army.

JACK VANDERFORD, '18, is Captain in Field Artillery and on the R.O.T.C. staff at Purdue University.

JOHN JOSEPH DUDZINSKI, '40, is no less than Lieutenant in the Field Artillery located in Australia.

CHARLES KRAMER, '40, by the way, is Employment Manager of the Fairfield Electric Works, Lafayette, Indiana.

WILLIAM R. OTT, '40, serves the U. S. Army as 1st Lieutenant in Field Artillery.

FURBERT PRATER, '40, holds forth as 1st Lieutenant in the Cavalry Master Corps.

KENNETH R. CROGLIN, '41, keeps them jumping as Bombardier in the U. S. Airforce.

Wm. FRANK JORDON, '41, "keeps 'em flying" as Lt. (jg) at the Naval Air Corps in Corpus Christi, Texas.

JOHN FRANK KUDZICH, '41, helps Uncle Sam as a Lieutenant in the Field Artillery at Ft. Sill, Oklahoma.

HARRY A. WAGLINAKI, '41, broke into the Field Artillery as a Lieutenant at Ft. Bragg, South Carolina.

ROBERT WENTZ, '41, at present is Engineer at Wright Field, Akron, Ohio.

DONALD W. GOODMAN, '42, has joined Uncle Sam's Army as Lieutenant in the Signal Corps.

ROY CORRA, JR., '42, helps the war effort as Engineer at Lockheed Aircraft in Los Angeles, California.

PHILIP M. GLASSMAN, '42, "keeps them flying" as Lieutenant in the U. S. Airforce.

CHARLES LLOYD GOOD, '42, uses his knowledge at Chemical Warfare in Aberdeen, Maryland. His rank is Lieutenant.

WARREN GREGORY MILLER, '42, flies through the air with the greatest of ease as 1st Lt. in the Air Corp at Mitchell Field, New York.

RUSSELL ROBINSON, '42, is none other than Ensign in the U. S. Navy at Charleston Navy Yard in Charleston, South Carolina.

KENNETH STAPENE, '42, serves the U. S. Navy as an Ensign.

KENNETH D. SWANDER, '42, works for the U. S. Navy as Ensign now.

JAMES R. VANDERFORD, '42, is trying to get up in the world as the Officers Candidate School at Ft. Sill, Oklahoma.

ETA

SIMPSON R. STREBLING, '17, is now Colonel Stribling, U.S.A.

HOWARD H. MCCLINTIC, '18, works for the Navy as Lt. Commander.

THOMAS MARSHON TAYLOR, '23, has been spending his working hours as assistant to the treasurer of Tennessee Eastman Corp., Kingsport, Tennessee.

JAMES EDWIN JAGGER, '24, is field secretary

for the American Society of Civil Engineers, 33 West 39th Street, New York City.

SAMUEL R. SPIKER, '25, Capt. U. S. A. is in the bombardment branch, production engineering section, Wright Field, Ohio.

JOHN B. JACOB, '26, spends his time as Major in the Marine Corps.

EDWARD A. YATES, '29, we are told, is a Lieutenant in the U.S.N.R.

THETA

JOSEPH W. BARKER, Hun., delivered the graduation address at the Case Commencement in December, and the degree of doctor of engineering was conferred on him at that time by Case.

R. H. OSAMBE, '15, who was superintendent for Dayton Cons. Gold Mines until all gold mines were closed by government order, is with International Smelting Co., at Yerington, Nevada, and lives at the Brooks Hotel, Yerington.

DANIEL E. HARNETT, '23, lives at 18 Putnam Avenue, Tuckahoe, New York, and is Chief Engineer of the Hazeltine Service Corp., in charge of radio development.

HAROLD K. WORK, '23, Manager of Research and Development for Jones & Laughlin Steel Corp., lives at 1131 Pinewood Drive, Pittsburgh, Pa.

DAN JAMIESON, '26, of J & S Messer in Ebensburg, Pa., makes his home at 110 Highland Avenue in that city.

- A. WARD ACKERMAN, '29, of 3 Oakland Terrace, Maplewood, N. J., is doing underground design and operation work as engineer for the Public Service Electric and Gas Co.
- T. EMBURY JONES, '30, is Vice President and Asst. General Manager in charge of the Resistance Welder Plant of the Federal Machine & Welder Co., of Warren, Ohio. He lives in Warren, at 2934 E. Market Street.
- HAROLD JAMES WALKER, '30, is an Engineer for the Allison Division of the General Motors Corp. on special assignment on the manufacturing and testing of aircraft engines. He makes his home at 1908 Broadway, Indianapolis, Indiana.
- HEATON B. HESTERLINER, '32, of 321 West Church Street, Elmira, New York, told us in February that there was a strong possibility that he will return to New York City before long.
- FRANCOTT H. BLATTERMANN, JR., '33, is Assistant to the President of Lapon Products, Inc., and lives at 240 Riverside Drive, New York City.
- ROBERT THOMAS BROWN, '33, Assistant to the Superintendent of the American Can Company, lives at 1237 Herical Woods Lane, Cincinnati, Ohio.
- OTTO KORTLEAAT, '33, First Lieutenant, is now a pilot for a squadron of the U. S. Air Force in the Caribbean area.
- AL SMITH, '33, sent his Christmas greetings (Joliet Pascuary Propriet Ann Naven) from Medellin, Colombia. His address there is Aereo 778.
- FRIDERICK C. SPELLMAN, '33, is project coordinator for the Haseltine Service Corp. and lives at 204 East 4th Street, Brooklyn, New York.
- JOHN H. BERGER, '37, lives at 3 Prospect Street, White Plains, New York. He is Field Supt. for the Chemical Construction Corp., supervising construction and initial operation of chemical plants.
- CHARLES V. HENRICH, JR., '37, gives his mailing address as c/o The Dicalite Company, 734 South Broadway, Los Angeles, Calif., explaining that at the rate he is moving about on special missions even his family is uncertain of his whereabouts, but his company manages to keep track of him.
- ALBERT V. LUTHERBER, '37, Production Engineer for the Consolidated Steel Corp., Ltd., of Maywood, Calif., lives at 1787 Grand Avenue, Huntington Park, California.
- EDWARD UNDERHILL, '37, expects to be in the "Seabee" shortly, according to word from Mike Shoshan, who met him while in training in Norfolk.
- ROBERT V. CLOVE, '38, is first Lieut. in the Army. His permanent address is 180 Randall Avenue, Freeport, New York.
- BRUCE COUGHLIN, '38, is now "Lieut." Coughlin. He has been traveling around and at last report was vibrating up and down the West Coast. He gives his mail address as Hq. & Ag. Co. Sig. AW Serv., Box 914, Oakland, California.
- PHILIP HAROLD FASSETT, '38, is an engineer in the office of the Pittsburgh District, Carnegie Illinois Steel Corp. His work includes control of expenditures, specifications, development of projects in construction, and maintenance and repair in steel plants. His address is 710 Broughton Street, Pittsburgh.
- EUGENE J. KALLI, '38, and NORMAN BRITT, '38, are employed by the International Nickel Co. as research metallurgists and report having a helluva lot of fun. The latter is the father of a one year old daughter, Ellen Britt, described by Kalli as a charmer. Kalli is living in Apt. 110, 337 11th Street, Huntington, West Virginia, and Britt in the same city at 1908 Parkview Street.
- LOUIS E. LYON, '38, is employed in the U.S. N.R. as Ensign at Ft. Schuyler, New York.
- MIKE SODERMAN, '38, is a Seabee, located at U. S. Naval Construction Training Center, 57 C.B., Camp Pendleton, Davisville, R. I.
- LEROY E. EUTRAUD, '39, and his wife announce the arrival, on January 31d, of LeRoy Eugene, Jr.
- VICTOR W. J. FRANCESCHINI, '39, who lives at 41-09 40th Street, Long Island City, New York, is with Eclipse Aviation, Division of Bendix Aviation, as metallurgist.
- PHILIP BAAH, '40, reported as active in Washington in the Bureau of Aeronautics, Navy Department.
- ROBERT W. GREER, '40, Ensign located at the U. S. Naval Training School, Harvard University, Cambridge, Mass.
- ARTHUR MYERS, '40, works in the Bureau of Aeronautics, Navy Department in Washington.
- ROBERT LEE TAYLOR, '40, writes that he is in the Military Explosives Division of the DuPont Co., Carney's Point, New Jersey. His home address is 1112 Shallcross Avenue, Wilmington, Del.
- A. EMIL THOMAS, '40, is a Lt. A.V.(5), U. S.N.R. Naval Air Station, Floyd Bennett Field, New York.
- DONALD W. WHITE, JR., '40, is a metallurgist with the Sylvania Electric Products, Inc., Emporium, Pa., and lives at 18 East 6th Street in that city.
- ROBERT BONARDUS, '41, dashed off a note to let us know that he is now a member of Uncle Sam's Army. He described the procedure as quick and painless up to the time of writing.
- FELIX M. EMBLINGTON, '41, writes from the Bureau of Aeronautics of the Navy De-

partment in Washington, D. C., that Columbia is well represented there.

CARL GERMAN, JR., '41, is doing metallurgical control work in the Technical Dept. with the U. S. Aluminum Company. His address is 82 Canal Street, Westport, Conn.

EUGENE F. O'NEILL, '41, has just returned from two months in the field for the Bell Telephone Labs., 463 West Street, New York City.

JOHN S. KEE, '41, reports that he is now Foreman of the Heat Treating Dept. of the Bethlehem Steel Co., Bethlehem, Pa., and lives at the University Club in that city.

CLOYD ARLEN SNAVELY, '41, is Lt. U.S.N.R. Materials & Test Officer, Naval Air Station, Norfolk, Virginia, and resides at 1321 Magnolia Ave., Norfolk.

ROBERT M. TAYLOR, '41, of 115 Wetherfield Avenue, Hartford, Conn., is in the Aircraft Division of U. A. C., Pratt & Whitney, working in heat treat contact for materials control laboratory.

JOHN VERGESCHIK, '41, was married last summer. His address is 1912 Avenue H, Brooklyn, New York.

JOHN CHICKENWIG, '42, is now a Lieutenant (j.g.) in the U.S.N.R., located (as of July 6, 1942) at the U. S. Fleet Training Base, San Clemente Island.

RAYMOND H. FIEDERBACH, '42, writes from Tarpon Inn, Freeport, Texas, that he is with the Freeport Sulfur Co., doing some experimental work on sulfur purification—a queer thing for a mining engineer, he notes, but very interesting.

WILLIAM T. GRIFFITH, JR., '42, was married in the Cathedral of St. John the Divine in New York recently. Mr. and Mrs. Griffiths are now living at 1408 Virginia Street, Charleston, West Virginia.

JOHN D. KENNEY, JR., '42, lives at 1065½ Ashton Avenue, Los Angeles, California. His present work is analyzing the control systems of a new plane in the Stress Dept.

of the Douglas Company on the West Coast.

SEYMOUR JOSEF MONTGOMERY, '42, is reported to be an Aviation Cadet stationed at Chanute Field, Illinois.

ANTHONY J. RATHGYZER, '42, has been working in the Synthetic Rubber Division of the U. S. Rubber Co., Nungtuck, Conn. Recently he joined the ranks of the married and they plan to move to Charleston, West Virginia, soon.

JOHN J. STEINKA, JR., '42, of 101 East Edsall Avenue, Palisades Park, New Jersey, is employed by the M. W. Kellogg Co., who specialize in oil refineries. He expects to return to Columbia for graduate work next year.

ARTHUR R. ALDOHN, '41, is working for the Goodyear Tire & Rubber Co. in Akron, Ohio, as a Staff Trainee working in various departments for several weeks at a time until he is familiar with the set-up. He lives at the Mayflower Hotel in Akron (c/o Shelhart, Inc.).

ROLAND KOZLIK'S, '41, most recent address is 1319 South 3rd Street, Louisville, Kentucky. He is working at a commercial alcohol distillery there, learning the work by spending a few days observing each operation, asking questions of the operators and writing reports of his findings.

THEODORE C. RUGERT, '41, and THOMAS F. MAHER, '41, are located at the Johnsville Plant of the Brewster Aeronautical Corporation. They live at Hethers, Pa., about three miles from the plant.

RICHARD STEINACHENBERG, JR., '41, is in the Plastics Division of the General Electric Co. in Pittsfield, Mass., and lives at 16 Hammond Street.

RUSSELL VAN METRE, '41, reported early in March at the Army Air Force Technical Training School, Boca Raton, Florida. He is an Aviation Cadet, in training for engineering ground crew.

IOTA

ROBERT WILLIAM ALQUEST, '24, Assistant Professor of Electrical Engineering at Iowa State College resides at 424 Franklin Street, Ames, Iowa.

PHILIP J. BOYER, '28, metallurgical engineer, has been transferred to the Ringwood division of the Alan Wood Steel Co., Ringwood, New Jersey.

GEORGE H. MUMFORD, '35, formerly metallurgist with the Tennessee Copper Co., is now with the General Chemical Co., Edgewater, New Jersey.

HELMUTH D. DALLMEYER, '35, is back in St. Charles, Missouri, this time receiving mail at 629 Houston Street.

H. S. KINN, '38, is a Division Engineer for the Missouri River Division and can be addressed at Box 1216, Omaha, Nebraska.

L. E. LAMBLETT, '39, can be reached in case of the Schroeder and Hermann Co., St. Elmo, Illinois.

G. E. MACHENS, '39, is a U. S. Battery Engineer and can be found on 2nd and Arsenal Street, St. Louis, Missouri.

W. F. OSERBERG, '39, is in the 141 Eng. Regt., Fort Ord, California.

J. R. POST, '39, is in the U. S. N. A., Room 4248 Bancroft Hall, Annapolis, Maryland.

A. E. RISOPEX, '39, has changed his address to 814 Jackson Street, Jefferson City, Mo.

- I. E. SHANFIELD, '38, receives his mail at 79014 Ambrose Avenue, University City, Missouri.
- R. E. HOFFMAN, '38, may be addressed at 828 Madison Avenue, Patterson, N. Y.
- A. A. TETLEY, '39, is located at 1629 1/2 Arlington Avenue, Bonner, Alabama.
- GUY BROWN, '40, does his bit for the Bethlehem Steel International Supply Co. at Tulsa, Oklahoma.
- W. C. DIERMANN, '40, spends his working hours at the Shell Pipe Line Corp. in Colorado.
- J. C. HOFFMAN, '40, holds forth at the Kraft Co., Niles, California.
- E. L. PERRY, '42, is employed by the Russell and Austin Co., St. Louis, Missouri.
- J. E. RAKAMAS, '40, is with the Indian Territory Illumin. Oil Co. in Oklahoma City, Oklahoma.
- W. J. SMOTHERS, '40, is a Graduate Assistant for the Missouri School of Mines at Rolla, Missouri.
- H. D. STUBBS, '40, holds down the job of Metallurgist for the Wright Aero. Corp. at Cincinnati, Ohio.
- A. J. TUCKER, '40, is in San Diego, California, at the B-47 Naval Air Station.
- N. P. TURNER, '40, is in the Army Air Corps.
- W. D. WATERS, '40, works for the Western Cartridge Co., 810 Langdon Street, Alton, Illinois.
- F. J. BOUCHIER, '41, we are informed, may be reached at 429 E. Santa Fe, Pittsburg, California.
- R. K. BRYN, '41, an Navy Ensign is at Fort Arifuer, Texas Navy Air Station.
- A. W. BRUNE, '41, works for the U. S. Geological Survey, Old Dominion Building, Arlington, Virginia.
- C. A. CORNEAU, '41, keeps busy working for the U. S. Gypsum Co. at Southard, Okla.
- W. E. CROCKETT, '41, has settled himself for a while at 103 Gardner Avenue, Trenton, New Jersey.
- A. F. FICK, '41, is also in the 341 Engr. Regt. at Fort Ord, California.
- R. E. FIELD, '41, a 1st Lieutenant in the Air Corp is at Duff Field, Arcadia, Florida.
- A. G. HACKER, '41, is a 2nd Lieutenant at Camp San Luis Obispo, California.
- K. L. HARRISON, '41, also is employed by the U. S. Geological Survey but is at Rolla, Mo.
- N. JAFFE, '41, a 2nd Lieutenant is at Albrook Field, Canal Zone.
- H. T. JAMES, '41, is at a Naval Air Station located at Corpus Christi, Texas.
- F. K. KYER, '41, a Lieutenant in the 176 Engr. Co. is somewhere overseas.
- W. D. LIES, '41, puts in his hours with the Carnegie Illinois Steel Company in Chicago, Illinois.
- J. M. McANERNEY, '41, is somewhere in the Philippine Islands.
- M. E. PINGEL, '41, receives his mail at 209 Phin, Mansfield, Ohio.
- H. C. STEVENS, '41, does his thinking for the Shell Pipe Line Corporation, and picks up his mail at Box 318, Houston, Texas.
- H. R. STOCKTON, '41, is an Ensign in the U. S. N. R., C. E. C.
- D. L. TRIM, '41, is an Ensign in the U. S. N. R., with headquarters at Camp Allen N. C. T. C., Norfolk, Virginia.
- H. B. WAMPLER, '41, is connected with the American Zinc Company, St. Louis, Illinois.
- R. S. BURBERRY, '42, an R. O. T. C. Lieutenant is at Fort Belvoir, Virginia.
- R. R. CUTLER, '42, is a Lieutenant for Co. D, 68 Bn., Camp Robinson, Arkansas.
- G. F. DANN, '42, is somewhere overseas.
- H. W. HAAS, '42, is a 2nd Lieutenant in the Army.
- W. M. KING, '42, is a Lieutenant in the Army.
- V. T. LOESING, '42, is also a 2nd Lieutenant at Camp Shelby, Mississippi, Co. A 310 Engr. Bn.
- L. C. WOLFE, '42, an Ensign in the U. S. N. R. can be found at the Park Chambers Hotel, 68 West 18th, New York City.
- J. A. COPPER, '44, is a private A. S. N. and is somewhere across the seas.

KAPPA

- HENRY C. LANE, '31, Major in Marine Corps at San Francisco, California.
- ALBERT EDWARD LOMOND, JR., '32, has been in the engineering department of the City of Madison, Wisconsin. His home is in Fidelity, Wisconsin. He is a 2nd Lt. CS U. S. A.
- CHARLES S. MONNIER, '32, is a Captain in Engineers Amphibious command, North Africa. He took part in the November invasion.
- CHARLES RICHARD WOODHILL, '33, left Cleveland, Ohio, and now resides at 1111 So. 11th Avenue, Maywood, Illinois.
- MAURICE KUNTER CARL, '39, joined the ranks as Lieutenant of the U. S. A. Signal Corps at Ft. Monmouth, Red Bank, New Jersey.

LAMBDA

W. T. BENSON, '28, is an engineer for the United States Bureau of Mines and stationed in Reno, Nevada. His permanent address is Murphy, California.

HERMAN W. BURTON, '26, was acting superintendent of the Balistic Mining Co. at Baguio, when the war started. Information has now been received that he and his family are in a Japanese concentration camp at Santa Thomas, Manila, Philippine Islands.

WILLIAM MARTIN HAYDEN, '21, is now development engineer for the American Brass Co., in New York City, and resides in Spuyten Duyvil, New York.

ENGLE M. BARKER, '31, for some years with Anglo Chilean Nitrate Corp., is now with Shell Chemical Co. in Pittsburg, California, as maintenance coordinator in the nitrate fixation plant.

BERNARD JAMES GRAULICH, '34, keeps busy as Captain of the 76th Field Artillery, and resides at 2300 Balton, Burlingame, Calif.

HOWARD P. BARLOW, '33, reports that he is now doing business with the Associated Telephone Company, Ltd., 1314 7th, Santa Monica, California.

GEORGE HOLLAND COULSON, '36, is a Lt. in U. S. Army with permanent address at 2713 Taylor Drive, Ogden, Utah.

C. MALCOLM COLLINS, '39, is a Lt. in the

U.S.A. at the Meemelle Ord. Wks., Little Rock, Arkansas.

FREDERICK ALLARD HARRIS, '39, is a 2nd Lt. in Field Artillery, but his permanent address is 336 Douglas Street, Salt Lake City, Utah.

WILLIAM E. OTTENSTEIN, '39, is spending part of his time pinning these cornered savings on his daughter, Carol Louise, born February 17, 1941. The home address of the Ottensteins is 1841 E. 21 St., Cheyenne, Wyoming.

JUSTIN SHEPHERD BLICKENSDERFER, '40, keeps them flying as a 2nd Lt. in the Air Corps stationed at Salinas, California. He lives in Carmel, California.

DALE R. JENSEN, '40, Capt. U. S. Army, is Executive Officer in the office of the Chief of the Salt Lake Ordnance Zone and lives at 179 S. Street, Salt Lake City, Utah.

FREDERICK L. BAURY, JR., '42, is engineering in the assembly division, Curtiss Wright Aircraft Corp., and resides at 652 Berkeley Road, Columbus, Ohio.

The Intermountain Alumni Association of

Theta Tau has printed an excellent pamphlet in February giving the name and address of 144 of its members, practically all of whom are Lambda men. This information is not republished in THE GEAR.

MU

WADE D. BARNES, '26, is assistant supervisor for Texas of the City Mortgage Dept., The Equitable Life Ins. Society, and resides at 3619 Wickersham Lane, Houston, Texas.

ROBERT E. EVANS, '31, requested that we make the following address change: from 721 West Warren, to 4320 Chester Drive, all in Youngstown, Ohio.

JAMES ALDEN SIMPSON, '32, is Division Manager for the Corn Products Co. in Greenville, South Carolina, and resides at 245 McDaniel Ave., Greenville.

WILLIAM E. MILLER, '42, advises us that he is a Junior Structural Engineer for the Tennessee Valley Authority and can be reached at 1812 White Avenue, Knoxville, Tennessee.

NU

JOSPH E. WARD, '26, until recently with the Tenn. Coal Iron & R.R. Co., has moved to Hazleton, Pa., as sales representative for the Mine Safety Appliances Co.

HARRY R. WALL, '31, works as engineer for the Commonwealth & Southern Corp., and

resides at 410 W. Michigan Avenue, Jackson, Michigan.

LAWRENCE K. JETTER, '36, checks in and out at 412½ Kimball Avenue, New Kensington, Pennsylvania, these days.

OMICRON

FRANCIS D. COOKE, '36, who is a Lieutenant at Mather Field, California, went east to Edgewood Arsenal, Maryland, for a refresher course in chemical warfare.

S. R. SATRE, '37, writes that he is now a Captain in the Army. He has been at the Rosckett Field, St. Joseph, Missouri, since

September 1st as a Post Engineer. (See Letters).

PAUL R. CARRIGE, '40, has been in the service for nearly two years now. He was just assigned to the job of Assistant Division Engineer and will do his best to hold it down. Brother Carrige is a first lieutenant in the Army of the United States, Camp Greider, Oklahoma.

GLENN T. KULLOCK, '40, who puts in his time being a lieutenant in the Medical Corps of Uncle Sam's Army, announced his marriage to the former Martha Helen Hoot, on November 27th at Carlisle Barracks, Pennsylvania. The Kullocks are at home at 441 North East Street, Carlisle, Pa.

C. J. KIPPENSIAN, '40, writes that "his present duty is not too glamorous, and sounds a little drab." He is in charge of the Naval Training School for Gunner's Mate and Electric Hydraulics at the Advanced Naval Training School, Treasure Island, San Francisco, California. He asks that his GEAR be sent to his home address, Middle America, Iowa.

JENS A. NORDGAARD, '41, came in to tell us that he was made Captain in the Army Air Corps January 20, 1941, and is now a "has been" bachelor, being married to Mary Jo Silvy of Stockton, California, on March 23. He is located at Lake Charles, Louisiana.

PI

J. D. HAMSL, '40, better known as "Doug" is by now taking his turn at cracking the Axis. Doug sprouted wings last October 16th and in turn wears lieutenant's bars now. He requests that mail be sent to his home address: 1211 Park Street, Charlottesville, Virginia, where it will be forwarded

on to him wherever he may be. (See Letters).

W. PAUL COWGILL, '42, is at the beck and call of the Second Service Command since joining the Army Air Corps last August. However, Brother Cowgill requests that we send THE GEAR to 8 Mill Street, Vincentown, New Jersey.

RHO

WILLARD FARRINGTON BARCOCK, HON., uses P. O. Box 1322, State College, Raleigh, North Carolina, as his mailing address. Brother Barcock is an instructor in Civil Engineering at North Carolina State College.

THEODORE CECIL BROWN, HON., is assistant Professor of Mechanics at North Carolina State College, Raleigh, North Carolina. He wants his GEAR mailed to him at 910 Canterbury Road, Raleigh.

WILLIAM WALTON STEWART, '27, who has been in charge of engineering for the various camps of the Marine Corps in North Carolina, has been promoted to the rank of Lt. Commander, U.S.N.R.

JOHN HENRY DOWDNEY, '30, works now with the Carolina Aluminum Co., Bads, North Carolina. He lives in New London, N. C.

EUGENE BARNHARTT WORTH, '30, is an assistant supt. of the Water Dept. of the Hercules Powder Co., Radford Ordnance Plant, Radford, Virginia. His mailing address is R.F.D. No. 1, Salem, Virginia.

ROMULUS W. STEPHENS, '31, has been promoted to the rank of captain in the army air forces, it was announced by the War Department. Captain Stephens is post photo officer at the air forces basic training center. He has been on active duty since November 1, 1940, when he reported to Pine Camp, N. Y., with the armored forces. Transferred to the air corps in April, 1942, he was sent to Lowry Field, Colorado, and to Kearns, Utah, last August.

T. W. LAMAR, '42, is an instructor at the University of New Hampshire, Durham, New Hampshire.

SIGMA

JOHN W. BUCH, '23, assistant professor of mining engineering at Penn State College, has been named chief of the coal economics division, economics and statistics branch, U. S. Bureau of Mines in Washington, D. C. GEORGE E. ZENLER, '24, is with the Reconstruction Finance Corp. in Los Angeles as engineer examiner of strategic metal de-

posits and may be addressed at 2328 Carlyle Place, Los Angeles.

J. L. WEAVER, '30, partook himself as representative from American Cyanamid & Chemical Co. in Phoenix, Arizona, to locate with the Phosphate Mining Co. in Nichols, Florida.

TAU

HENRY C. JONES, '34, dropped us a card saying that his address is 1310 Montrose Avenue, Bethlehem, Pennsylvania.

FREDERICK L. WINE, '39, sends his correct address. He is employed by Bethlehem Steel Company with residence at 1434 Monmouth Street, Bethlehem, Pennsylvania.

J. C. SILJANTZ, '42, is now employed as a draftsman by the American Bridge Co. in Elmira, New York.

FLOYD E. WHITE, '42, informs us that he has changed his place of residence and is now living at 224 Walnut St., Sewickley, Pa.

UPSILON

DAN B. JAMISON, '30, has acquired what used to be a good income tax deduction; namely, one baby daughter, since our last word from him. Brother Jamison reports that the Jamisons now live at 218 Gilson Avenue in De Queen, Arkansas. (See Letters).

JAMES LOUISE JENSON, '36, was engineer for the American Blower Co. in Detroit, but

is reported to be 2nd Lt. Inf. U. S. A. at the present time.

WILLIAM HOLMES DAVIDSON, '39, has been with the U. S. Engineers at DeWitt, Arkansas. As he was a 2nd Lieutenant in the Inf. Reserve he is now reported to be in the army.

CHI

O. H. POLE, '27, serves his country as a Lieutenant Sr. Gr. in the Navy at the moment located at Columbia University, New York.

IRA P. BACON, '28, in a letter to Erich Schaefer, informs us that he received his Gear at the Oak Ordnance Plant in Illinois, Illinois, but that his permanent address for all future mail is 4016 Clifton, El Paso, Texas. Brother Bacon has taken him a wife, as of last November. Mrs. Bacon resides in Decatur, Illinois, which is near his work.

P. R. KENNAN, '29, has been made a Captain in the Air Corps and is at Lake Field, Ariz. WILLIAM A. STEINBERGER, '29, holds the title of Major in the Army Ordnance at Denver, Colorado.

WILLIAM GRIFFITH, '31, in the service as an Engineer can be found at Ft. Lewis, Wash. ROBERT L. HOUYTON, '31, is in the Army branch of the service is at Ft. Bliss, Texas. GEORGE PUTINA, '31, another one in the Cavalry is reported to be at Ft. Rucker, Kentucky, wearing the insignia of a Lieutenant.

F. LOMEL, '32, keeps quite busy as a Major in the Air Corps in Texas.

K. L. CLOON, '33, who is a Lieutenant in the Navy is now on foreign soil.

PAUL HAMILTON, '33, we heard, and not through "scuttlebutt", is in the Navy at Moore Island.

FRANK KELLER, JR., '34, has joined the Navy's six going engineers, the "Seabees". He was formerly in the General Land Office in Santa Fe, New Mexico.

GEORGE A. PURNIFORD, '34, has done time for

one year with an Armored Engineer Battalion stationed first at Ft. Knox, and then at Camp Campbell, in Kentucky. He has also attended the Engineer School at Ft. Belvoir, Virginia. During his time of service Brother Purniford has earned a captivity. All mail sent to 914 East Missouri St., El Paso, Texas, will be forwarded to Brother Purniford.

WALDO FREEMAN, '36, is reported holding up his end with a Captaincy in the Quartermaster Corps of the Army.

JOHN RAUCHER, '36, works at being a 1st Lieutenant for the Engineering Sanitary Corps in Texas.

THOMAS C. CONWAY, '37, is holding down a 1st Lieutenantcy in the Army Air Corps in the vicinity of Seattle, Washington.

JOHN HILLER, '37, holds down the rank of Ensign in the Navy.

C. LAMOTHE, '37, wears the insignia of a Captain in the Air Corps.

WILLIAM THOMAS, '37, is stationed at Chamite Field and Chi Chapter tells us that he is a Cadet in the Air Corps.

RICHARD LUNN, '38, is now a Lieutenant in the Army Air Corps, instructing in airplane mechanics at Kelley Field.

ED YOUNG, '38, is a Captain in the Air Corps at Santa Ana, California.

DAVID RABIN, '39, is a Lieutenant in Israel.

HENRY BARBER, '40, writes us that he has joined Uncle Sam's great navy, and can be reached somewhere in the Pacific, unknown to Tokyo.

JOHN KERR, '40, also wears the Navy blue and is an Ensign.

- F. R. KING, '40, joined up with the Cavalry and is stationed at Ft. Bliss. He has earned the commission of a Lieutenant.
- J. C. LOVING, '40, rides in the Cavalry at Ft. Riley, Kansas.
- LEWIS LOWE, '40, now to be found in dark Africa is a Lieutenant in the Army Air Corps.
- JOHN MCPHERSON, '40, is reported to be Captain in the Cavalry at Fort Riley.
- AMMON PINKLEY, '40, is at a Naval Training School at Wisconsin as an Ensign.
- PAUL WALSER, '40, flies for Uncle Sam and is a Lieutenant at Lake Field.
- DOMINIC CARETTO, '41, is pulling a heavy load with the Wright Airplane engine factory in New Jersey.
- LEONARD W. HEDGECOCK, '41, holds down the job as shift boss in the Bibbe Mine, for the Phelps Dodge Company.
- L. K. MORRISON, '41, of the United States Marine Corps, somewhere in the Pacific, can be reached c/o Postmaster at San Francisco.
- HAS STEWART, '41, a Lieutenant in the Marine Corps has been reported missing.
- FLOREN BLUMIS, '42, Lieutenant, has changed his address to the Air Corps, flying the heavy bombers for our Uncle Sam's Air Force.
- LEONARD BROWN, '42, last was heard from in the immortal Marine Corps at Quantico, Virginia, where he was receiving his toughening up for a commission.
- AL DIEHL, '42, a Navy Ensign is located at present at M.I.T. in Massachusetts.
- BOB EPLEY, '42, also in the Navy as an Ensign is located at M.I.T.
- J. A. FRAZER, '42, Ensign, U. S. N. R. writes us from the Naval Air Station in Corpus Christi, Texas, where he is reported to be keeping up the good work.
- HELEMAN P. GORDON, '42, was last heard from in Virginia working for Uncle Sam as a 1st Lieutenant.
- THOMAS HOLMES, '42, is getting used to married life our secret agents report to us.
- JACK O. LYONS, '42, is employed by the Wright Engine Company in Upper Montclair, New Jersey. Jack writes us that he is married and working grave yard at the plant.
- OSCAR LYONS, '42, finished up an eventful summer and fall with the Arizona Constructors in January. Oscar is now playing ball with the Navy "Seabees".
- MARA RICH, '42, serves as a 2nd Lieutenant at Ft. Knox.
- GEORGE SHELLEY, '42, Ensign, took his indoctrination in Florida, and was assigned to active duty in Seattle, Washington.
- ROBERT W. STEVENSON, '42, has completed his naval training and received his commission as an Ensign in the Navy. Bob was formerly employed by the Ethyl Corp. of Detroit.
- WILLIAM T. TILAND, '42, wrote us a "V" mail letter from Hawaii. Bill has since picked the gang around a lot. He transferred to the Air Corps and was married in Phoenix last month.
- HORACE WEST, '42, is a Navy Ensign at Coca Sola.
- RALPH BARNUM, '43, graduated in mid-year and was swished into the Air Corps Engineers. He is taking his training at Yale University.

PSI

- JOHN MUNZCHERER, '32, is now slaving away with the U. S. Bureau of Mines at Helena, Montana.
- JOHN F. STEADMAN, '32, recently superintendent of the Butte Highlands Mining Co. has joined the staff of the Reconstruction Finance Corp. in Washington, D. C.
- ARTHUR O. WALSH, '32, has moved again, this time to be mining engineer with the U. S. Bureau of Mines at Rolla, Missouri.
- CHARLES TRUENERTHY, '34, is sub-foreman in the electrolysis Division of BOC Magnesium Inc., Las Vegas, Nevada, and resides at Andersons Camp, Barracks 12G, Las Vegas, Nevada.
- CLARENCE A. WENDILL, '34, by the way, is now shift boss for the International Smelting & Refining Co. in Tumble, Utah.
- LEWIS S. PRATER, '37, now punches the time clock at the Bureau of Mines at Salt Lake City, Utah.
- ALBERT W. SCHLEICHTER, '37, is still drawing diagrams on the blackboard for the enlightenment of hopeful students. This time he advises us he is with the Department of Mining Engineering, Oregon State College in Corvallis, Oregon.
- RAY GILBERT, '39, is with the R. F. C. in Rio de Janeiro.
- ROY MCCREARY, '39, reports daily at Ingersoll-Rand at Seattle, Washington.
- ALAN CARMICHAEL, '40, can be found doing his share at the Boeing Aircraft in Seattle, Washington.
- ROBERT CORRETT, '40, works in the engineering department with the A.C.M. Company at Butte, Montana.
- D. LOUGHRAN, '40, does his bit for U. S. Vanadium at Bibbe, California.
- WILL MITCHELL, JR., '40, has recently returned to Butte from Bremerton, Washington, and is now working in the engi-

nerring department of the A.C.M. Company. CLARENCE SCHRAEDER, '40, reports that he too has joined up with Uncle Sam's Army.

FRANK CORR, '41, is now employed as Asst. Engineer for the U. S. Army Engineers in Seattle, Washington.

ROBERT G. HUNTER, '41, reports that he is now employed as tool design engineer for Boeing Aircraft and receives his mail at 415 11th Avenue, North, Seattle, Wash.

J. H. HUXLEY, '41, works for the U. S. Army now.

DONALD MAJER, '41, is working for war production with the Boeing Aircraft in Seattle, Washington.

BENNY MILLER, '41, receives checks signed by the Ohio Aluminum Corp. at Tucson, Washington, for the services he performs there daily.

ROBERT MOREEN, '41, advises us that he is employed by Curtiss Wright Corp. at Cincinnati, Ohio.

HERMAN NEUBAUER, '41, represents us with the U. S. Engineers, Prince Rupert, B. C.

MATT ROWE, '41, is with the R. F. C. at Little Rock, Arkansas.

ER SCHMIDT, '41, is now employed by the U.S. G.S. at Spokane, Washington.

JOHN R. WHITE, '41, is a shift boss at the Anaconda Mine in Butte, Montana.

DON "CACTUS" ERWIN, '42, is working for Uncle Sam's Army now.

BILL JOYCE, '42, bucks up the Army as a Lieutenant in Alaska.

RAYMOND J. KUTJAWA, '42, engineer for U. S. Vanadium Corp. has been transferred from the operation at Red Lodge, Montana, to the vanadium mine and mill at Rifle, Colo.

TILMAN LARSEN, '42, is still convalescing at St. Mary Sanatorium at Tucson, Arizona.

WILLIAM MAGUIRE, '42, does his part towards the war effort at the Boeing Aircraft in Seattle, Washington.

JAMES H. McMAHON, '42, advises us that his mailing address is now Department of Metallurgical Engineering, Lehigh University, Bethlehem, Pa.

CLARENCE G. SCHRAEDER, '42, can now be addressed 378th Squadron, Army Air Forces, Bombardier School, Del Rio, Texas.

BILL SLOANON, '42, darts his bit for the Curtiss Wright Corporation in Cincinnati, Ohio.

OMEGA

CHARLES FRANCH EVANS, '32, punches the clock for the Consolidated Aircraft Corp. and resides at 4522 Marlborough, San Diego, California.

A. L. SLAGHTER, '31, geologist for the Homestake Mining Co. of Lead, South Dakota, has been transferred to the company's new work in Wyoming, Sublette Division, Wyndok Coal & Mfg. Co. His headquarters are in Montpelier, Idaho.

WILL A. BURLINSON, '37, is still stationed at the Rotario Club, San Juanito, Honduras, C. A., but soon hopes to be leaving for "somewhere in Brazil." (See Letters).

MERLYN GUY WOODS, '39, has been transferred from the U. S. Geological Survey to

the U. S. Bureau of Mines and is working on their Bureau project near Little Rock, Arkansas.

J. WALLACE HALL, '40, shook the dust off South Dakota off his coat-tails and headed east. He may be reached at 1810 Washington, Wilmington, Delaware.

DON MCGARVEY, '42, has taken on the responsibilities of Service Engineer for the Wright Aeronautical Corporation of New Jersey. He is stationed at present in Seattle, Washington.

WILLIAM VERLINDA, '42, still lives in Columbus, Ohio, but changed the number above his door. He now resides at 1114 East Long Street in that city.

GAMMA BETA

NOELMAN B. ANGEL, '37, is "flying high" in the Army Air Force by sporting a recently acquired pair of eagles on his shoulders.

WILLIAM J. ELLENBERGER, '30, is the proud

father of a daughter, Katherine Brown, born February 26.

EDWARD A. BAKER, '37, requests that THE GEAR be mailed to him at 16611 Lorain Avenue, Silver Springs, Maryland.

DELTA BETA

THOMAS H. CRIM, '39, requests that his mailing address be changed to 200 So. Bancroft Parkway, Wilmington, Delaware.

ERNEST L. WITTEN, '41, recently sent in his address as being 1245½ North Market St., Inglewood, California.

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