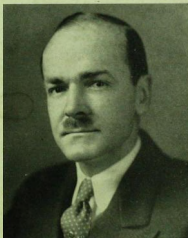


THE GEAR

of Theta Tau



GRAND REGENT AMES

Spring, 1949

VOLUME XXXVIII

NUMBER 2

The GEAR *of*
THETA TAU



SPRING, 1949

VOLUME XXXVIII

NUMBER 2

Theta Tau Fraternity

Founded at the University of Minnesota October 15, 1904

FOUNDERS

ERICH J. SCHRADER
W. MURRAY LEWIS

ISAAC B. HANKS
ELWIN L. VINAL

EXECUTIVE COUNCIL

PROF. N. B. AMES, Gamma Beta '17 *Grand Regent*
8 Westwood Drive, Washington 16, D. C.

PROF. D. D. CURTIS, Omicron Honorary '19 *Grand Vice Regent*
Clemson, South Carolina

ERICH J. SCHRADER, Alpha '05 *Grand Scribe*
Box 244, Reno, Nevada

PROF. JAMISON VAWTER, Zeta '16 *Grand Treasurer*
307 Engineering Hall, University of Illinois, Urbana, Ill.

DR. J. M. DANIELS, Nu Honorary '22 *Grand Marshal*
Carnegie Institute of Tech., Pittsburgh, Pa.

PROF. FRANK W. EDWARDS, Omicron '28 *Grand Inner Guard*
10648 South Wood St., Chicago 43, Ill.

PROF. T. C. BROWN, Rho '31 *Grand Outer Guard*
M. E. Dept., North Carolina State College, Raleigh, N. C.

DELEGATE AT LARGE

R. W. NUSSER, Zeta '28 *Past Grand Regent*
5227 Brookwood Ave., Kansas City, Mo.

THE GEAR OF THETA TAU

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

ALUMNI ASSOCIATIONS AND CLUBS

Central Ohio—J. J. Visintine, 1178 Virginia Avenue, Columbus 8, Ohio

Chicago—Nick Trbovich, 4225 Ivy Street, East Chicago, Ind.

Cleveland—Gustav Kodet, 2964 Ripley Road, Cleveland 20, Ohio

Intermountain—J. W. Jenkins, P. O. Box 403, Salt Lake City, Utah

Kansas City—Edwin A. Elliott, 7424 Highland, Kansas City 5, Mo.

Los Angeles—Robert A. Calhoun, 2922 W. 78th Pl., Inglewood, Calif.

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Northwestern—Geo. T. Hanson, 706 Locust St., Anaconda, Mont.

Twin City—Robert Rosene, 25 Seymour, S.E., Minneapolis 14, Minn.

Southwestern—Robert L. Houston, University of Arizona, Tucson, Ariz.

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

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Ind.



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Chapters

- ALPHA, *Founded October 15, 1904* - - - - University of Minnesota
(Chapter house) 324 Walnut St., S. E., Minneapolis, Minn.
- BETA, *Established March 26, 1906* - Michigan College of Mining and Tech.
(Chapter house) 1405 College Ave., Houghton, Michigan
- GAMMA, *Established November 8, 1907* - - - Colorado School of Mines
c/o Dr. Leslie W. LeRoy, Colo. School of Mines, Golden, Colo.
- DELTA, *Established May 23, 1911* - - - Case Institute of Technology
Theta Tau Box, Case Institute of Technology, Cleveland, Ohio
- EPSILON, *Established May 4, 1911* - - - - University of California
Theta Tau Box, Hearst Mining Bldg., Univ. of Calif., Berkeley, Calif.
- ZETA, *Established April 17, 1912* - - - - University of Kansas
(Chapter house) 1602 Louisiana Street, Lawrence, Kansas
- THETA, *Established May 26, 1914* - - - - Columbia University
c/o Prof. Nelson S. Fisk, Col. of Eng., Columbia University, New York City
- IOTA, *Established February 5, 1916* - - - - Missouri School of Mines
c/o Prof. J. B. Butler, Missouri School of Mines, Rolla, Mo.
- LAMBDA, *Established April 29, 1920* - - - - University of Utah
c/o George W. Carter, College of Engineering, Univ. of Utah, Salt Lake City
- MU, *Established January 3, 1922* - - - - University of Alabama
P. O. Box 2043, University, Alabama
- NU, *Established January 1, 1922* - - Carnegie Institute of Technology
P. O. Box 114, Carnegie Institute of Technology, Pittsburgh, Pa.
- XI, *Established January 13, 1923* - - - - University of Wisconsin
c/o Dr. G. A. Rohlich, 9 Hydraulics Laboratory, Univ. of Wis., Madison, Wis.
- OMICRON, *Established February 3, 1923* - - - State University of Iowa
Box 44, Iowa Memorial Union, Iowa City, Iowa
- PI, *Established May 26, 1923* - - - - University of Virginia
c/o Prof. Lawrence R. Quarles, College of Engineering, University, Virginia
- RHO, *Established February 16, 1924* - N. C. State College of Ag. and Eng.
c/o Prof. T. C. Brown, M.E. Dept., N. C. State College, Raleigh, N. C.
- SIGMA, *Established November 29, 1924* - - - Ohio State University
(Chapter House) 47 East 16th Avenue, Columbus, Ohio
- TAU, *Established December 12, 1925* - - - - Syracuse University
c/o Prof. D. E. Stearns, Col. of Applied Science, Syracuse Univ., Syracuse, N. Y.
- UPSILON, *Established April 7, 1928* - - - - University of Arkansas
(Chapter house) 213 N. Church St., Fayetteville, Arkansas
- PHI, *Established April 21, 1928* - - - - Purdue University
(Chapter house) 416 North Chauncey, West Lafayette, Indiana
- CHI, *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, Care 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, S. Dak.
- GAMMA BETA, *Established March 16, 1935* - George Washington University
c/o Prof. N. B. Ames, George Washington University, Washington, D. C.
- DELTA BETA, *Established May 20, 1939* - - - University of Louisville
(Chapter house) 2022 S. First St., Louisville, Ky.



Seventeenth Biennial Convention

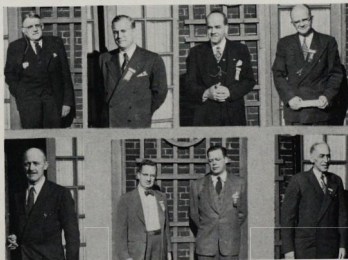
Back row: Lloyd, Hunt, Kidd, Neubecker, Schwartz, Marthy, Mickelson, Blanchard, Verner, Witte
 Fifth row: Newton, Hudachek, Bunting, Heath, Marcellus, Flannagan, Wiggins, Kearns, Collins, Johnson
 Fourth row: Iserman, Schmidt, McLaughlin, Bowers, Hanson, Shanks, Stewart, Sanders, Williams, Temple
 Third row: Gnesin, Bruce, Biggs, Olson, Tanger, Sheridan, Fitch, Ottinger, Brown
 Second row: Hopkins, Vawter, Carter, Schrader, Nusser, Ames, Curtis, Glass
 Front row: Jurrens, Slaton, Brenton, Sherby, Tucker, Gentry, Howe

The Russell G. Glass Convention

Seventeenth Biennial Convention Held In Chicago in December

Theta Tau delegates and officers arrived in Chicago on the 28th of December where they were greeted by a chill winter rain which had grounded all planes and delayed highway traffic. The gloomy environment was soon dispelled, however, as they found their rooms at the Hotel Knickerbocker, Convention Headquarters, and gathered at the preconvention smoker to

many of which were on ice as they neared Chicago. Friendships developed rapidly and the delegates, after satisfying Grand Marshal Curtis of the Credentials Committee of their right to represent their chapters, sallied forth into the rainy night to see what went on in the great city. It was apparent that they did not come to Chicago to sleep.



Top row: Schrader, Nusser, Ames, Carter
Bottom row: Russell, Curtis, Glass, Hopkins

meet the members of the Executive Council. There the familiar names of Schrader, Nusser, Vawter, Curtis, Glass, Ames, and Carter turned out to be real men who could quickly make the delegates feel at home. Conversations revealed that Rho and Omega had both sent delegations by automobile, the Rho men driving 900 miles and the Omega men 600 miles,

Relatively early the next morning, delegate Blanchard of Gamma Beta appeared with a large illuminated replica of the Theta Tau pin and together with Grand Vice Regent ("Deacon") Ames, who must be a descendent of Tarzan, succeeded in suspending it on the wall above and behind the Council table. Delegate Mickelson of Xi acting as host, called the Con-

vention to order and turned the meeting over to the Grand Officers in regular form. The official roster was as follows:

EXECUTIVE COUNCIL

Ralph W. Nusser, Zeta '28, Grand Regent
Norman B. Ames, Gamma Beta '17, Grand Vice Regent

E. J. Schrader, Alpha '01, Grand Scribe
Jamison Vawter, Zeta '16, Grand Treasurer
Donald D. Curtis, (Hon.) Omicron '19, Grand Marshal

George W. Carter, Lambda '33, Grand Outer Guard

DELEGATE AT LARGE

Russell G. Glass, Sigma '24, Past Grand Regent

PAST GRAND REGENTS

H. H. Hopkins, Beta '08

Richard J. Russell, Epsilon '19

THE GEAR OF THETA TAU

J. W. Howe, Omicron '24, Editor of The Gear

CHAPTER DELEGATES

Alpha: _____ Glenn W. Schwartz, '49
Beta: _____ Melvin L. Bunting, '49
Gamma: _____ Charles R. Fitch, '49
Delta: _____ Thomas F. Neubecker, '49
Epsilon: _____ Oleg D. Sherby, '47
Zeta: _____ Curtis E. Ottinger, '49
Theta: _____ John J. Kearns, Jr., '49
Iota: _____ Donald L. Heath, '49
Lambda: _____ Emmett K. Olson, Jr., '50
Mu: _____ Cade Verner, Jr., '49
Nu: _____ Henry L. Brenton, '49
Xi: _____ David A. Mickelson, '50
Omicron: _____ Richard Kidd, Jr., '49
Pi: _____ Clarence D. Shanks, Jr., '49
Rho: _____ Ernest C. Hunt, Jr., '49
Sigma: _____ R. A. Iserman, '50
Tau: _____ Donald C. Marcellus, '49
Upsilon: _____ Ralph L. Stewart, '49
Phi: _____ Richard M. Biggs, '49
Chi: _____ Robert S. Williams, '49
Psi: _____ Jack T. Gentry, '50
Omega: _____ Glenn M. Hanson, '49
Gamma Beta: _____ Donald D. Blanchard, '49
Delta Beta: _____ Delmar K. Tucker, '50

ALTERNATES

Alpha: _____ Albert Mathy, '49
Beta: _____ Richard C. Witte, '50
Delta: _____ Donald E. Tanger, '50
Theta: _____ Peter Sheridan, '48
Omicron: _____ Robert C. Newton, '49
Rho: _____ Stephen G. Flannagan, '49
Tau: _____ Albert Gnesin, '49
Upsilon: _____ Glendon C. Bruce, '50
Omega: _____ R. Keith Collins, '49
Delta Beta: _____ John W. Slaton, '50

CHAPTER ADVISERS

Lambda: _____ George W. Carter, Lambda '33
Rho: _____ T. C. Brown, Rho '31
Gamma Beta: _____ Norman B. Ames, Gamma Beta '17

The Grand Regent read the first of a series of reports from the national officers and the Gear editors. Brother Nusser pointed out that when he took office two years before, the fraternity was enjoying the influx of GI's and chapters were large. Omicron chapter had failed to recover, however, and a group at Wisconsin wished to reinstate Xi chapter. It was his pleasure to participate in the restoration of both chapters. He reported that about two-thirds of the chapters had been visited by national officers during the biennium and that regional meetings had been held in Regions 1 (East) and 5 (West). The Grand Regent had asked all chapters to notify their alumni concerning their right to receive the Gear and many had conveyed his message through the medium of newsletters. He closed with a plea for serious consideration of the business of the fraternity and for wisdom in Convention legislation.

The report of Grand Vice Regent Ames was brief. His major interests during the biennium were the work of the Erich J. Schrader Award Committee and the Regional meeting of six eastern chapters in May, 1948.

At this point the Memorial Service ritual for brothers whose death was reported during the biennium was given. The names of five honorary and fifty-eight regular members were ordered recorded in the official minutes of the Convention.

Grand Scribe Erich Schrader reported a large increase in membership during the biennium, the total having increased from 9,999 to 11,066 in the period. His reporting of 2168 letters

written on fraternity business indicates the devotion with which he serves the fraternity after 42 years as a national officer. It was his hope that he would live to see every chapter represented in an issue of the Gear. He mentioned visits to five chapters, all of which he found in excellent condition. As founder of the Fraternity, he spoke out strongly against large chapters and recommended chapter sizes of 40 or less, saying, "The whole purpose of fraternities like ours which was founded with the idea of establishing a small, intimate brotherhood of engineering students is destroyed when the group gets so large that the men hardly know each other."

Grand Treasurer Vawter read his usual careful breakdown of fraternity finances and a comparison of biennium receipts and expenditures with the budget for the period. Receipts ran about 10% higher than the budget estimate and expenditures about 5% higher thus leaving a surplus of approximately 5%. The Gear endowment fund had reached a comfortable \$35,000.

Grand Marshal Curtis opened with the paradoxical statement that although the membership gain in the biennium was the greatest in history, the work of his office was less exacting than usual. The cooperation of the chapters and the services of printing and engraving firms had been excellent, all of which lightened the work of his office. He enumerated several points in regard to the execution of pledge forms which would simplify the work of the Grand Marshal and minimize errors. He urged particular attention to initiation numbers since the numbers on the badge, the roll book, and the pledge form have to

agree. He noted the desirability of expansion into several schools in which Theta Tau could make a contribution to the professional life of the campus and closed with a plea for solidarity against the "worming in of forces of confusion and disorder that must be combatted if our way of life is to persist and progress."

Grand Inner Guard Hinckley was prevented at the last minute from attending the Convention but his report described his work on the committee on Professional and Leadership Development and in the organization of the Regional Conference in May 1948.

Grand Outer Guard Carter mentioned three chapter visits and the Regional meeting at Salt Lake City in May 1948 as services during the biennium. His principal interest, however, was the Professional and Leadership Development program which, as the Chairman of the National Committee, he promoted. The work of Lambda chapter in this respect was outstanding and very encouraging to Brother Carter.

The Gear Editors reported the largest circulation in history, the magazine being mailed to more than 40% of the eligible life subscribers. Gear expenditures had increased also but the cost per copy had risen but 30% since pre-war days. Attention was drawn to the healthy condition of the Gear Endowment fund which was nearly triple the amount which had been anticipated when the life subscription plan had been inaugurated in 1929.

The chapters reported, in turn, their reports indicating good professional and fraternal relations throughout the fraternity. Many local variations were of interest. Successful

financial schemes such as Alpha's issuing of \$25 bonds to finance a house renovation and Delta's inclusion of all dues in the initiation fee were reported. A nice sense of humor ran through many of the reports: witness Sherby's (Epsilon) comment that he had not received a notice but had "brought along some data in case I had to make a speech", or Heath's (Iota) innocent confession that at the chapter picnic "refreshments were served and numerous songs were sung", and Shank's earnest statement that "politics is *important* at Pi". The Lambda plan of a biweekly session for the pledges on the pledge manual seemed an excellent idea. Delta Beta's "wives club" indicated a prevalent situation.

Of the Alumni Association reports that of the Intermountain Association was outstanding. The members of this association pay annual dues of \$2 and number 300, outnumbering all other professional societies in Utah.

The meetings were held in the tower room of the hotel and these reports were given in competition with a bedlam of rattling windows, flapping shutters, and howling wind as "The Windy City" lived up to its name. As the delegates went out for air they found ropes stretched to aid pedestrians and sleet and snow "falling" in horizontal streaks.

The evening of the first day found eighteen committees hard at work digesting a two years' accumulation of material and discussing recommendations with the national officers. By midnight or one o'clock most of the committee work was completed and the delegates were free to resume their inspection of those establishments which were still open for business.

Thursday was given over to Committee reports. The Ritual Committee recommended no changes and the Scholarship Committee suggested publicity in the Gear before offering a scholarship. The Insigna Committee found itself satisfied with the present symbols but raised the question of placing the initiation date on the shingle. After discussion this idea was dropped.

The Committee on Regional Meetings was concerned with an equitable division of funds among the several regions in view of the great distances between chapters in the west. Rather than devise a formula, the distribution of funds was left to the Executive Council.

The Publications Committee secured several legislative commitments, such as the sending of the Gear to all alumni of known address during the biennium, the revision and reprinting of the pledge manual and the printing of a Chapter Officer's Manual. It was also proposed that all chapters initiate a pledge project of finding alumni addresses during the biennium and that the budget allocation for a directory be materially increased so that a new directory could be printed at the end of the two-year period. It was during this discussion that Brother Schrader told of the request received from a chapter for the address of a deceased alumnus, adding, "I couldn't tell them, of course!"

One important constitutional change involved an increase of \$1 in the initiation fee and \$2 per semester in the annual dues, both changes to go into effect in the Fall of 1949.

The Extension Committee discussed local fraternities at four institutions and presented one petition for con-

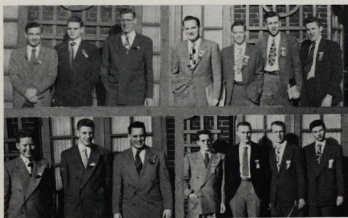
sideration. The petition was rejected after all delegates had an opportunity to inspect it.

The Grand Regent interrupted the meeting at this point to introduce Past Grand Regent Dick Russell—"a Grand Regent par excellence."

The Constitution Committee precipitated a vigorous discussion on membership requirements. It was brought out strongly that Theta Tau has no *minimum* scholastic requirement; it is not an honorary fraternity. So much emphasis was placed on this point that "Deacon" Ames was moved to remark that "many Theta Taus are among the long-haired boys. They

ter had won the contest for the bien-nium. Inasmuch as the contest scores are largely automatic if a chapter has achieved certain goals, the delegates did not question Mu's superiority although they of course could not resist the opportunity to give the popular, "not a Dixie-crat" brother a little ribbing.

The second day's session closed with a three-way exposition of the aims of the Professional Leadership and Development Committee by Grand Outer Guard Carter, Olson of Lambda, and Brother Brown, adviser from Rho chapter. Specific recommendations, tailored for adoption by individual



Top row: Biggs, Sheridan, Iserman, Hanson, Collins, Shanks, Temple
Bottom row: Ottinger, Neubecker, Blanchard, Olson, Bunting, Heath, Witte

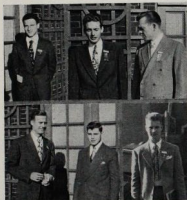
don't *have* to be dumb." A full discussion of all membership qualifications followed after which the Convention overwhelmingly voted to retain the membership qualification laws adopted 44 years ago.

Brother Verner of Mu as Chairman of the Chapter Award Committee had the pleasant but somewhat embarrassing task of announcing that his chap-

ters were made. This important aspect of fraternity service is to be presented in the Gear by the committee chairman, George Carter.

The Convention Banquet occupied the first part of the evening. Donald Gillmore, Omega '36, acting as Toastmaster called on Daniel O'Keefe, Alpha '38, President of the Chicago Alumni Association, for words of wel-

come and then introduced Grand Regent Nusser and Grand Scribe Schrader who made short but effective talks. He then called upon Grand Vice Regent Ames, Grand Treasurer Vawter, Grand Marshal Curtis, Past Grand Regent Dick Russell, Grand Outer Guard Carter, Past Grand Regent Hopkins, and Gear Editor Howe, most of whom responded briefly in the lighter vein. Delegates were also introduced and the award of "Outstanding Delegate" was made by "Deacon" Ames to the Gamma Beta delegate,



Top row: Flannagan, Bowers, Williams
Bottom row: Kidd, Tanner Gentry

Don Blanchard. Among the many alumni present was Brother John Bush, Alpha '10, who was wearing one of the original skull and crossbones pins.

The evening's program concluded with the formal initiation of Mark A. Wallesz of Xi chapter by a team of delegates. Blanchard of Gamma Beta and Hunt of Rho took the Regent's part and Olsen of Lambda, Marcellus of Tau, Gnesin of Tau, Kearns of Theta, Sherby of Epsilon and Kidd of Omicron the parts of other officers. Mickelson, Xi; Slaton, Delta Beta; and

Flannagan, Rho; took stations 1, 2, and 3. The work was well done and many of the alumni who had not witnessed the ceremony for many years were pleased to have the opportunity.

The last morning saw all uncompleted business wound up. A request for \$250 for the work of the Professional Development and Leadership Committee was granted. The "Man of the Year" Committee suggested the abandonment of the contest and the suggestion was followed. The Convention Committee read invitations from Cleveland, Kansas City, and Lafayette, home of Phi Chapter, for the 1950 Convention. Kansas City seemed to have the most support and the Christmas recess was voted the best time.

Important among the Resolutions Committee's report was the naming of the Convention the "Russell G. Glass Convention" in honor of the wartime Grand Regent. A fine tribute was paid to Brother Glass by Grand Regent Nusser and he was somewhat at a loss as to how to reply when the situation was completely relieved by the gale of laughter which greeted Brother Schrader's emphatic request for the Grand Regent to refrain from banging the gavel in the vicinity of his ear-phone pickup.

The major consideration remaining was the Nominating Committee recommendations for Grand Officers. The following slate was proposed and soon elected:

Grand Regent, Norman B. Ames, Gamma Beta Hon. '17

Grand Vice Regent, Donald D. Curtis, Omicron Hon. '19

Grand Scribe, Erick J. Schrader, Alpha '05

Grand Treasurer, Jamison Vawter, Zeta '16

Grand Marshal, George W. Carter, Lambda '33

Grand Inner Guard, Frank W. Edwards, Omicron '28

Grand Outer Guard, Theodore C. Brown, Rho '31

These men were installed in regular form and the Convention adjourned.

It was the feeling of the Executive Council that the increase in National

dues would permit the employment of an executive secretary and it was with this understanding that Brother Vawter again assumed the duties of Grand Treasurer. Brother Carter also expressed doubt as to his ability to carry the Grand Marshal's load; word received since the Convention indicates that he resigned the position on April 1 and that the work is being handled temporarily by Past Grand Regent Daniels.

Norman B. Ames Grand Regent of Theta Tau

by

J. E. Robins, Gamma Beta Chapter

The new Grand Regent of Theta Tau, National Professional Engineering Fraternity is Norman B. Ames, Professor of Electrical Engineering at the George Washington University. "Deacon Ames," as he is known to the students, has been a Theta Tau of Gamma Beta chapter for fourteen years. Previous to the National Convention at the Knickerbocker Hotel in Chicago last December he was serving the fraternity as Grand Vice Regent. Professor Ames has now assumed the greatest position of all in Theta Tau, that of Grand Regent.

Theta Tau, with 24 chapters, coast to coast, is dedicated to developing a high standard of professional interest among its members, and uniting them in a strong bond of fraternal fellowship. It is not a scholastic honorary fraternity, but instead it recognizes leadership and sociability as well as scholarship to be important qualities of a successful professional man.

Professor Ames, who also is a member of Sigma Tau, Delta Tau Delta,

and Omicron Delta Kappa Fraternities, attended Mississippi State where he received a B.S. in E.E. degree in 1915. He then took a job as electrical draftsman at the Washington Navy Yard attending George Washington University in the evening, and completed the requirements for another B.S. in E.E. degree in February 1917. He then went on to M.I.T. where he received a third Bachelor's Degree in Electrical Engineering in June 1917, receiving the same degree simultaneously from Harvard. World War I intervened and after serving as a lieutenant in France and Germany he was lured back to George Washington in 1920 to a life of teaching. After marrying Mary Olive Jennings in 1921, he received an L.L.B. from George Washington in February 1925 and a Professional degree in E.E. in June 1929. During the fall of 1932 and the summer of '33 he attended M.I.T. and received a Master of Science degree from there in 1935.

On March 16, 1935 he became a

charter member of the new Gamma Beta Chapter at Theta Tau at George Washington University. Since then, as well as being Gamma Beta's faculty adviser, he has held the positions of Grand Outer Guard, Grand Inner Guard, and Grand Vice Regent.

A year before Pearl Harbor the "Deacon" went to war, and five years later he came back a colonel in the Air Corps. As those who have been in his classes know, he is engaged in politics in Montgomery County, Maryland. He was an elected member and chairman of the Charter Board which drew up Montgomery County's present charter in November 1946, and he was president of the charter committee when it was adopted in November 1948. He has his own unprintable opinion of the Russians, which most of us are coming to share more every day.

As Grand Regent of Theta Tau his responsibilities include making a

biennial visit to each of the 24 chapters to strengthen their national bond. His first big task will be one of colonization, the enlarging and expanding of the fraternity.

Theta Tau has been able to withstand wars, economic depressions, membership qualification problems, things which often bring about the collapse of fraternities. These same problems and others will confront us in the future, making the job of Grand Regent extremely important. No other person is in a better position to further the cause of brotherhood in professional engineering, so good luck to you, Professor Ames.

And by the way, if the handle of "Deacon" is dropped, don't think our professor has gone high hat on us. It's just that two years ago his older daughter made him a grandpa, and then last year the church made him an Elder.

Where are We Going?

by

RICHARD J. RUSSELL, Past Grand Regent

In these times it is important to pause now and then for an inventory of our own thoughts and ideals. In a world divided sharply as to ideologies our intellectual climate is one where propagandas flourish. It is almost impossible to escape beliefs deliberately nurtured by campaigns carefully planned by persons whose chief interests are essentially selfish. So subtle are many of the campaigns that some of the persons most active in spreading subversive beliefs are wholly innocent of their roles as propagandists. Probably more commonly than otherwise their own interests will suffer,

rather than be advanced, if the campaigns they innocently assist become successful.

With regard to democracy and questions affecting our way of life, it is always well to remember that there are two main ways that the ends of perfect democracy may be attained: all may be elevated to the plane of the highest, or all may be degraded to the datum of the lowest. Political, social, cultural, and economic beliefs should be viewed in that light. A belief that in any way suggests change toward a lower datum certainly may be regarded as vicious. One that proposes bet-

terment may be meritorious, provided that it meets one extremely important test—that absolutely nothing in the superior is sacrificed in consequence of the proposal.

There is a great deal to be said in favor of Mencken's Law: *Whenever A annoys or injures B on the pretense of saving or improving X, A is a scoundrel.*

It is difficult to believe that anyone who has experienced the magnificent ritual of Theta Tau could embark knowingly on a program of cultural degradation. Surrounding all of us, however, are opportunities galore for becoming victims of campaigns planned deliberately for exterminating the ideals we actually hold most dear. Initial appeals are advanced carefully, so that ends clearly in the minds of sponsors unfold only gradually. A person sincerely backing what appears to be a worthy cause may well find himself at some later date giving enthusiastic support to a movement designed to destroy his most cherished institutions without realizing the change.

While there is little doubt that Convention Delegates favoring revision of membership qualifications in the Constitution of Theta Tau acted in good faith and with sincere conviction, there is ample reason to believe that the campaign against this particular part of fraternity constitutions is not innocently inspired. It is well known that advocates of subversive doctrines are at work in the field. The end of a comparatively minor part of the campaign is a complete destruction of fraternities. If the membership issue suc-

ceeds, the secret ballot, secret ritual, and other elements of fraternity life will be attacked in succession. Even the destruction of fraternities is a relatively small matter. More important by far is the destruction of our political, social cultural, and economic institutions. Too soon will the issue be a question such as preserving control of our homes.

The enthusiasm of our Convention Delegates for continued operation of our Professional Leadership and Development Committee is an encouraging sign. To one whose main objective during two terms as Grand Regent was that of fostering a program of significant chapter activities it was a most welcome manifestation of the strength of Theta Tau.

If every delegate returned to his Chapter with a clear understanding of the program and with resolve to put it into action, Theta Tau will go far toward reaching the high plane of its ritualistic ideals. If any Brother or Chapter is in doubt about how to start or operate the program I urge sincerely an early contact with Brother Carter.

It goes without saying that all participants in the Human Engineering program will reap rich rewards; richer according to degree of participation among individuals or groups, such as Chapters or Alumni Associations.

Let us not overlook the fact, however, that the betterment of self or of our profession has little meaning except in a political, social, cultural, and economic environment where the seeds of betterment may be sown successfully and where the resulting crop may be freely cultivated and harvested.

Impressions of the Convention

Rolla, Missouri
March 21, 1949

1201 W. Main Street
Charlottesville, Virginia
March 29, 1949

Dear Brother Editor:

The 17th Biennial Convention was by far the greatest occasion of my association with Theta Tau. I am only sorry that every Theta Tau could not attend. The whole convention was impressive but the most outstanding and impressive event was meeting Brother Erich Schrader and having an informal bull session with him. His sincerity, his keen interest, and his amazing memory for names and dates inspired me as I'm sure it did every other delegate.

The members of the Chicago Alumni Association are to be highly commended for their excellent banquet and excellent advice. Brother Gilmore of the Chicago Alumni Association rates an 18 gun salute from Brothers Cade Verner, Mu; Mel Bunting, Beta; Don Blanchard, Gamma Beta; and myself for directing us to some real classy entertainment. The French Casino should make Gilmore an agent.

Looking forward to the next convention,

In H and T,
Don Heath, Iota

416 N. Chauncey Ave.
W. LaFayette, Indiana

Dear Brother Howe:

Because of a recent appendectomy this letter is late, but I hope it will still be accepted because I have very strong words of commendation concerning the recent Convention.

There is no doubt about it. Theta Tau is a developer of leaders, strong two fisted leaders, who are not only capable of expressing their thoughts adequately and forcefully, but also capable of logical thinking. The recent Convention bore this out. True, the delegates were not always in accord but, without exception, each delegate fought tenaciously for what he believed to be right, and when the vote was taken on issues, each delegate accepted the collective decision as being the only decision for the perpetuation of the fraternity. There were no grudges after the final count, for each delegate respected the leadership qualities of the other delegates and the collective leadership shown by the entire group.

We need not fear for the future of Theta Tau.

Yours in H & T,
Richard M. Biggs, Phi

Dear Brother Howe:

I will always consider myself very fortunate in having been able to attend the Seventeenth Biennial Convention of Theta Tau Fraternity. I knew the Brothers of Theta Tau were men of high standards but I never dared hope to meet such a group as that present at the convention. The fraternal spirit which prevailed throughout the convention was much greater than I had anticipated and I will remember it a long time.

The Executive Council deserves many words of praise for running the convention with such high efficiency. Grand Regent Nusser and the other members of the council were racing against time in order to cover all the business before the convention.

Last, but not least, are the memories I have of Grand Scribe Erich J. Schrader. Theta Tau is indeed fortunate in having such a man as Erich J. Schrader as a member. I only wish that it were possible for all Brothers of Theta Tau to meet Brother Schrader so they too could know the man who founded and lives Theta Tau.

In closing, I wish to say that I had a wonderful time and if it is possible, I will certainly attend the next convention at Kansas City, in December 1951.

Yours in H & T,
C. D. Shanks, Pi

March 28, 1949

Dear Brothers Howe and Mercer:

We, from Rho chapter who attended the convention held in Chicago December 28-31, would like to express our appreciation to those who made this event possible.

The convention made us realize that Rho chapter is not an individual moving body, but it is a vital part of a large and more accelerated group. We wish it had been possible for more of our members to have attended and to have seen the spirit of brotherhood that prevailed during the whole convention. Since this was not possible, we have tried to convey this deeply imbedded impression to our Rho brothers.

Yours in H & T,
E. C. Hunt., Jr. Regent
S. G. Flannagan, Vice-Regent
S. T. Wiggins, Treasurer
R. T. Lloyd, Jr.
W. W. Bowers, III

March 26, 1949

527 East College
Iowa City, Iowa

Dear Brother Howe:

As delegate to the 17th Biennial Convention of Theta Tau, I found it more impressing from the morale standpoint than I had dared hope. Usually I associate with conventions such things as a "wild, free-for-all, get-together" that usually accomplishes little or nothing. However, I was amazed at the amount of business that was transacted at the convention and the manner in which the delegates went about in accomplishing it.

To say that Chicago is a big town is a gross understatement, as we well found out, but I think that most of the delegates found time to take in a few of the more outstanding attractions, such as the Sonja Heine Ice Review, some of the museums, etc. These were but sidelights, but they form part of a very enjoyable week-end, and one that few of the delegates will forget very soon.

Some of the business was perhaps handled in a "railroading" fashion, but this I can understand from the lack of time to discuss these as they should have been. I can think of no serious criticisms of the convention and regard the sessions as very memorable moments in my short life.

Upsilon joins me in sending best wishes to you and Brother Mercer.

Yours in H & T,
Ralph L. Steward, Regent

Dear Brother Howe:

To me the Seventeenth Biennial Convention was most impressive in every respect. I also express the opinions of Brothers Bob Newton '49 and Ray Hudachek '49 who also represented Omicron Chapter. After witnessing or taking part in the business of a Theta Tau Convention, one can not help but be inspired. To meet men such as our Grand Officers and to know that they are a part of our great fraternity is most encouraging. I only regret that every member of Theta Tau can not at some time attend a convention.

Naturally, a lot of work had to be done—committee meetings, reports, an initiation, and a banquet—all in a couple of days. This left little time to see the sites of the Windy city, but somehow we cheated Father Time. As with most conventions if you find time to play you don't sleep.

It was indeed an honor to be the Omicron delegate to the Seventeenth Biennial Convention and I would like to take this opportunity to say, "Hi Brother," to all the fine people I met while there.

Yours in H & T,
Richard Kidd, Jr. Omicron

Grand Regent's Message

The Seventeenth Biennial Convention, by its vote, conferred upon me a great honor and a great responsibility. I am fully aware of both and grateful for the honor and the privilege of serving our Fraternity. The road ahead is obscured and will not be easy. We shall all find the necessary strength in the fraternal bonds which bind us into a closely knit brotherhood. I take courage in the realization of the zeal and worth of those who stand with me, determined to defend our traditions of the past before the future.

We must make crystal clear our fundamental principles. We are not simply an engineering club or society nor are we simply a social group pleasure bound. We are not snobby or "snooty." We may have to restate

some of our fundamental principles in the interest of clarity. We believe that the finer and more intimate ideals we cherish will flourish best when restricted to a limited and select few. We do not resent the other sex or any other race. We shall cooperate with and assist other groups to the fullest of our abilities.

Because we are misunderstood by some and because new and radical ideologies prevail throughout the world we shall face many problems on many campuses where we have chapters. I urge all brothers to conduct themselves with friendliness, understanding, tolerance, and vigilance. The lamented Doctor Peter Marshall, late Chaplain to the U. S. Senate offered the following invocation: "Give us clear vision

that we may know where to stand and what to stand for, because unless we stand for something we may fall for anything." We should read our Ritual if we are ever in doubt.

In a spirit of humble gratitude and not of boasting we can say we are strong today—strong in resources and in the greater resources of membership. Perhaps \$50,000 and 11,500 members would fairly represent our numerical resources. It is possible that we may gain a new chapter during this Biennium and we hope to lose none. It is my hope and belief that we shall be able to enjoy the fullest relations between Nu chapter and Carnegie Institute of Technology. This hope and belief are based on my visit to and

communications with the officials of the Institute.

Much more could be said but must wait. There is so much of importance in other pages of this issue of the GEAR. Please read every item. And let's make the next GEAR even more valuable. Let's have a letter from every chapter and show Brother Schrader that "it can happen here." I want to urge renewed interest among our Alumni. It is YOUR Fraternity too! You should be particularly grateful that today it is in the hands of actives—most of them war-seasoned—who, generally will excell the past and set new standards for the future. They rightfully look to you Alumni, and the Executive Council looks to you. I especially need and covet your help.

A Call to Professional Arms

By George W. Carter, Lambda '33⁵

In 1946, the delegates to the Louisville Convention authorized a national Professional and Leadership Development Committee and outlined its broad purpose. This Committee has been functioning in the interim and was allocated a biennium appropriation of \$250 by the 1948 Chicago Convention. As presently constituted, the Committee is composed of Brothers H. H. Hopkins¹, T. C. Brown², Russell G. Glass³, S. Power Warren⁴, and the author as Chairman. The latter individual regrets his inability to contact

the other members for benefit of criticism prior to publication of this paper.

A lengthy dissertation on this subject is easy to give, but brevity has the advantage of keeping the primary material clearly in view. Consequently, much in the way of proof for conclusive statements is omitted. In some cases, footnote references are furnished for the source of inspiration and detail.

As its title implies, the Committee work was originally dedicated to the development of personal attributes of leadership amongst engineers as citizens of a changing world society. Two years have now produced the wider view that to the word "engineers" should be added the phrase "and similar professional people."

In this atomic age, a series of weighty problems are before us. Inroads to their effective solutions must

¹ 1724 West Fulton, Chicago 12, Illinois

² Professor of Mechanical Engineering, North Carolina State College, Raleigh, North Carolina.

³ 23401 Chardon Road, Euclid, Ohio

⁴ 1910 Kalorama Road, N.W. Washington, D.C.

⁵ Associate Professor of Mechanical Engineering, University of Utah, Salt Lake City 1, Utah.

shortly be made if survival is our aim.⁶ Current expressions of many thinkers⁷ point to at least one requirement: and this is that all basic professions need to cooperate in the utilization of their skills for the promotion in greater balance of the technical, social, ethical, and moral progress of mankind. This conclusion means that materialistic scientists and engineers should adapt their mental gears to fit other horizons. Likewise, the social worker, the psychologist, the philosopher, the political scientist, the sociologist, the economist, the lawyer and the doctor have cause to work together toward a realistic assembly of their domains with that of technology.

The resulting pattern would then satisfy an old but very reliable engineering principle: "To most adequately design a machine element, its relationship to the functional operation of all the other parts separately and combined must first be precisely known." The factors which govern individual opportunities and world security are today so complexly interrelated, that solutions to the attending difficulties depend upon a combined comprehension of the whole rather than its parts.

Thus is presented a broad outlook for progressive engineers as well as others to assume. Although *complete*

realization of its objectives is not yet in sight, many practical men in all walks of life believe that tangible results are possible within the next decade. Corporations have long since learned that their continued existence depends in considerable measure on today's courageous but wise planning for the future. In retrospect, therefore, it appears to this observer that society has forcibly issued a challenging "Call to Professional Arms" as a signal of the present and a needed accomplishment for tomorrow.

There are many endeavors for the Committee to undertake. To begin with, dignified and continuous publicity of its aims is desirable. Out of this should come the cooperation of the founder engineering societies, private groups who have discovered some of the fundamental "how" techniques, universities and colleges, and our alumni associations. Theta Taus and their professional colleagues should be encouraged to review their history books; to study psychology, philosophy, etc.; to assume greater interest in governmental affairs; to fully appreciate and cope with the human equations; and to otherwise raise their work to higher professional levels. The Committee should seek the support and counsel of other professional groups for the reasons given before. And finally, the Committee should be vigorously concerned with the promotion of those educational opportunities which are needed to train engineering leaders for the immediate future.

Elucidation of this latter objective is important. Thus, almost ten years of engineering teaching have proven to me that a vital counterpoise is missing from our educational techniques. There is a general tendency for engi-

⁶ Cousins, Norman, *Modern Man is Obsolete*, 1945. The Viking Press.

⁷ For example:

Mills, John, *The Engineer in Society*, 1946. D. Van Nostrand Co., Inc.

Chase, Stuart, *The Proper Study of Mankind*, 1948. Harper and Brothers.

Wilson, Charles E., *The Professional Estate*. *Electrical Engineering*, 68:187-190, March, 1949.

Holey, Karl, *The Status of Technology as Related to the Questions of Today*. *Mechanical Engineering*, 70:888-890, November, 1948.

Sinnott, Edmund W., *Science and the Whole Man*. *Mechanical Engineering*, 70:113-117, 142, February, 1948.

neering students to rely primarily upon text-books formulas rather than independent and rational analysis for the solutions to every problem. Moreover, they have little interest in pursuits for which the fundamentals cannot be related by mathematical equations. Consequently, students too frequently take general-education courses because of compulsion instead of desire. This situation leads to confusion which then seriously curtails general effort and enthusiasm. Ultimately, there arise needless limitations to the comprehension of much useful knowledge by the graduating engineer. Under these circumstances, stimulus and opportunity for development of creative thinking, initiative, and leadership are not adequately provided. Thus is offered a valid explanation for the fact that many engineering graduates spend years in locating themselves in the scheme of things before they are producers instead of products.

Our colleges have orientation classes for their freshmen. Have they ever considered the need of such courses for the graduating seniors? Is it possible to discover and apply catalysts for accelerating the present rate of personal growth after academic portals are bid adieu? If these aims were to become actualities, would there not then be more time of one's life left for constructive doing? Is it not worthwhile to do some "experimenting" before we say what is or is not feasible?

There is still much to be said on these matters, and I hope that many of you will say it. Also there are numerous avenues for experimentation, and I trust that many of you will take them. But I must go on to say that to date, Lambda is the only chapter of

Theta Tau which has been willing to experiment boldly.

For the past two years, this group has held twice-monthly dinner meetings open to all students, faculty and alumni. The subjects are presented by competent speakers coming from professional areas outside engineering. A definite outline is now being followed, the principal headings of which are: (1) What are the inner drives that make men behave as they do?; (2) What social institutions or concepts has man developed and how do they help or hinder him?; (3) What strategic place does the engineer have in this society?; (4) How can the engineer achieve the Good Life?; and (5) How can the engineer become a Leader?

While it is too early to know if the catalytic agents have been found, we have definite laboratory data which encourages continued research and creates a desire to place the work in the hands of other chapters. Moreover, our ideas have begun to crystallize so that valuable information will be available to guide the National Committee in its broader program. But we cannot be certain that what has happened at the University of Utah will occur elsewhere. It then becomes paramount that other chapters take up such experimentation without undue delay. As a guide to this work, full particulars about Lambda's program will be furnished upon request.

In summary, there is available an almost boundless domain which is sometimes referred to as Human Engineering. This field offers a different and realistic frontier for engineers to explore and conquer. Should these pioneers meet with measurable success, then engineering and Theta Tau will be enroute to higher planes of dignity,

honor and service to mankind. And what is of extra personal significance, each frontiersman may produce novel tools for his professional advancement, while at the same time enjoying more of life's durable satisfactions.

There are no reasons, save those arising from complacent and lethargic

attitudes, why Theta Tau should not take a cue from Dale Carnegie. Let us therefore resolve that by convention time in 1950, we can proudly say we are winning and influencing professional people to answer this pressing "Call to Professional Arms."

A Resolution

A RESOLUTION,

Adopted by the Professional Interfraternity Conference at its Thirteenth Biennial Conference held on Saturday, March 6, 1948, at the Morrison Hotel in Chicago, Illinois, and endorsed by Theta Tau at its 17th Biennial Convention

WHEREAS, the Professional Interfraternity Conference has a membership of 28 of the leading professional fraternities of the United States with a total combined membership exceeding 400,000;

WHEREAS, the objects and principles of each of the member fraternities of this Conference advocate equal justice, privileges, civil liberties, and immunities to all people under the laws of the United States and of the respective states and territories thereof;

WHEREAS, none of the member fraternities of this Conference have at any time participated in lobbying or in any other manner attempted to influence legislation, or as a fraternity to enter partisan politics in any manner;

WHEREAS, professional fraternities are also social fraternities within their respective professions and their activities embrace many social affairs, including the holding of luncheons and smokers; dinners and dinner dances,

both formal and informal; golf tournaments; swimming parties; and, other usual types of social activities;

WHEREAS, these social activities are usually attended by wives, sweethearts, mothers and friends, and take on all of the atmosphere customarily found in the activities of social fraternities and social sororities throughout the United States;

WHEREAS, we hold it to be the inalienable right of men or women to be reasonably selective in choosing their close personal friendships and the character of the people with whom they desire to co-mingle in social gatherings;

WHEREAS, professional fraternities are not public or quasipublic institutions;

WHEREAS, membership in this Conference is open to any professional fraternity in good standing without regard to the color, race, or creed of any or all of its members and the primary purpose of this Conference is to extend helpful co-operation to all professional fraternities within the United States;

WHEREAS, the members of this Conference favor the continuance of the privilege of any group or groups affiliated with any profession to organize a professional fraternity in any lawful manner as determined by the

members thereof, and when duly organized petition for membership in this Conference;

WHEREAS, we believe it to be as oppressive and unjust to require professional and social fraternities to abandon all restrictions or qualifications for membership as it would be to compel every church, religious group, lodge, club, or other similar organization to open its membership to all persons regardless of race or creed;

THEREFORE, upon motion duly made, seconded, and unanimously carried the following resolution was adopted:

RESOLVED, that the professional fraternities who are members of the Professional Interfraternity Conference hereby go on record in asserting their right to determine for themselves, and to maintain, lawful qualifications for membership in their respective organizations, and hereby authorize and direct the officers of this Conference

to take such action as they may consider reasonable and necessary to maintain these established principles, notwithstanding the efforts being made by individuals, groups or institutions in attempting, without authority or law, to compel professional fraternities to eliminate or to change such qualifications as a condition precedent to its organization, reactivation, or the continued existence of chapters at any school, college or university.

BE IT FURTHER RESOLVED, that the officers of this Conference are authorized and directed to cause the foregoing resolution, together with its preamble, to be forwarded to any person, persons, organizations or institutions for the purpose of informing them of our reasoned conclusions on this subject and our united determination of maintaining our rights and privileges under the laws of the United States and the respective states and territories thereof.

Grand Regent Appoints Chapter Advisers

Alpha	Dr. N. F. Ruszja	318 Harvard S. E.	Minneapolis, Minn.
Beta	Prof. L. F. Duggan	Michigan Tech	Houghton, Mich.
Gamma	Dr. L. W. LeRoy	Colo. School of Mines	Golden, Colo.
Delta	Prof. L. J. Reardon	C. E. Dept.,	Cleveland, Ohio
		Case Inst. of Tech.	
Epsilon	Prof. E. W. Wissner	Univ. of California	Berkeley, Calif.
Zeta	Prof. G. W. Bradshaw	C. E. Dept.,	Lawrence, Kans.
		Univ. of Kansas	
Theta	Prof. N. S. Fiske	C. E. Dept.,	New York 27, N. Y.
		Columbia Univ.	
Iota	Prof. J. B. Butler	C. E. Dept.,	Rolla, Mo.
		Mo. School of Mines	
Lambda	Prof. G. W. Carter	1911 Lake St.	Salt Lake City, Utah
Mu	Prof. J. M. Faircloth	C. E. Dept.,	University, Ala.
		Univ. of Alabama	
Nu	Prof. J. M. Daniels	Carnegie Inst. of Tech.	Pittsburgh, Pa.
Omicron	Prof. Ned Ashton	Univ. of Iowa	Iowa City, Iowa
Pi	Dr. L. R. Quarles	Univ. of Virginia	University, Va.

Rho	Prof. T. C. Brown	M. E. Dept., No. Car. State College	Raleigh, N. C.
Xi	Prof. G. A. Rohlich	2102 Kendall Ave.	Madison, Wisc.
Sigma	Prof. F. W. Davis	264 Action Road	Columbus, Ohio
Tau	Prof. D. E. Stearns	Syracuse Univ.	Syracuse, N. Y.
Upsilon	Prof. J. R. Bissett	Univ. of Arkansas	Fayetteville, Ark.
Phi	Prof. J. R. Burnett	Purdue Univ.	West Lafayette, Ind.
Chi	Prof. E. S. Borgquist	Univ. of Arizona	Tucson, Ariz.
Psi	Prof. C. L. Graverson	Mont. School of Mines	Butte, Mont.
Omega	Prof. J. Kammerman	S.D. School of Mines	Rapid City, S.D.
Gamma Beta	Prof. N. B. Ames	Geo. Wash. Univ.	Washington, D. C.
Delta Beta	Prof. M. G. Northrop	E.E. Dept., Univ. of Louisville	Louisville 8, Ky.

 COMMITTEES OF THETA TAU

1949-50

The Grand Regent has appointed the following committees to carry on the work of the fraternity during the biennium

Alumni Associations

- Paul L. Mercer, Omicron '21, 704 Orleans Avenue, Keokuk, Iowa
 Thomas C. Adams, Lambda '22, 124 F. Street, Salt Lake City, Utah
 A. Dexter Hinkley, Theta '27, 90 Morningside Drive, New York 27, N. Y.
 Edward H. Wisser, Epsilon '17, 1936 Yosemite Road, Berkeley, Calif.

Expansion

- Frank W. Edwards, Omicron '28, 10648 S. Wood St., Chicago 43, Ill.
 Harman A. Dinwiddie, Pi '39, Bellair Estates, R.R.#3, Charlottesville, Va.
 Ralph W. Nusser, Zeta '28, 5227 Brookwood Ave., Kansas City, Mo.

Constitution

- Russell G. Glass, Sigma '24, 23401 Chardon Road, Euclid, Ohio
 Erich J. Schrader, Alpha '05, Box 244, Reno, Nevada
 Jamison Vawter, Zeta '16, 307 Engineering Hall, Univ. of Ill., Urbana, Ill.

Fiftieth Anniversary

- Richard J. Russell, Epsilon '19, School of Geology, La. State Univ., Baton Rouge 3, La.
 Joseph W. Howe, Omicron '24, 210 Engr. Bldg. Iowa City, Ia.
 J. Sidney Marine, Eta '18, Popham Hall, Scarsdale, New York
 Erich J. Schrader, Alpha '05, Box 244, Reno, Nevada

Founders' Day

- Richard J. Russell, Epsilon '19, School of Geology, La. State Univ., Baton Rouge 3, La.
 George W. Carter, Lambda '33, 1911 Lake Street, Salt Lake City, Utah
 George W. Louderback, Epsilon '96, 103 Bacon Hall, Univ. of Calif., Berkeley, Calif.

Professional and Leadership Development

- George W. Carter, Lambda '33, 1911 Lake St., Salt Lake City, Utah.
 Theodore C. Brown, Rho '31, Mech. Engr. Dept., N. C. State College, Raleigh, N. C.

Russell G. Glass, Sigma '24, 23401 Chardon Road, Euclid, Ohio
 Herman H. Hopkins, Beta '08, 1724 W. Fulton Street, Chicago, Ill.
 S. Power Warren, Gamma '13, 1910 Kalorama Road, N. W., Washington,
 D. C.

Public Relations

Joseph W. Howe, Omicron '24, 210 Engr. Bldg., Iowa City Ia.
 A. Dexter Hinckley, Theta '27, 90 Morningside Drive, New York 27, N. Y.
 Ralph W. Nusser, Zeta '28, 5227 Brookwood Ave., Kansas City, Mo.

Regional Conferences and Chapter Visitations

A. Dexter Hinckley, Theta '27, 90 Morningside Dr., New York 27, N. Y.
 George W. Carter, Lambda '33, 1911 Lake St., Salt Lake City, Utah
 Theodore C. Brown, Rho '31, Mech. Engr. Dept., N. C. State College,
 Raleigh, N. C.

Erich J. Schrader Award

Donald D. Curtis, Omicron Honorary '19, Clemson, South Carolina
 Paul L. Mercer, Omicron '21, 704 Orleans Ave., Keokuk, Ia.

Erich J. Schrader Award Plaque

Frank W. Edwards, Omicron '28, 10648 S. Wood St., Chicago 43, Ill.

Theta Tau Scholarship Award

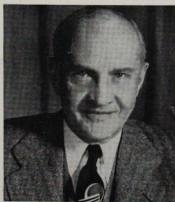
John M. Daniels, Nu Honorary '22, Carnegie Inst. of Tech., Pittsburgh,
 Pa.

Lawrence M. Quarles, Rho '29, College of Engr., University, Va.
 Merton I. Signer, Iota '22, Dean, Colo. School of Mines, Golden, Colo.

1950 Convention

Ralph W. Nusser, Zeta '28, 5227 Brookwood Ave., Kansas City, Mo.
 Norman B. Ames, Gamma Beta '17, George Washington Univ., Wash.,
 D. C.
 Jamison Vawter, Zeta '16, 307 Engr. Hall, Univ. of Ill., Urbana, Ill.

E. R. Ramsey President of Dorr Co.



Elmer R. Ramsey, Gamma '13, was recently appointed President of The Dorr Company. He has been a member of the staff of The Dorr Company for almost thirty-five years and is exceeded in this respect only by the founder, Dr. John V. N. Dorr. He has commanded for many years the confidence of Dr. Dorr and the entire staff and has come to be generally regarded, throughout the organization, as the man in whose capable hands the interests of the company and the ideals of its founder could be entrusted confidently when Dr. Dorr wished to be

relieved of some of his administrative load. He has received full recognition from his associates for the qualities of leadership and sound judgment which he has demonstrated repeatedly over a period of many years in various positions of responsibility.

Brother Ramsey joined The Dorr Company in Denver, Colorado, in April 1914 as a junior engineer, rising to the position of Western Manager of the Equipment Sales Department in 1920 when the General Sales Manager of that time moved East to the re-

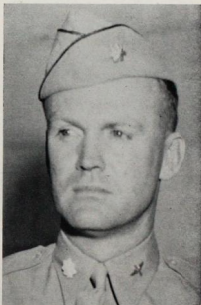
cently-opened New York office. In 1927 Brother Ramsey also moved to New York, filling there in sequence the progressively more responsible positions of Assistant General Sales Manager, 1927; Executive Assistant to the President, 1933; Vice President in Charge of Engineering Department, 1944; Operating Vice President, 1946; and, finally, President, 1949. He has been a Director of the company and a member of its Executive Committee since 1925.

The Mines Magazine

J. B. McPherson Made Colonel

Lt. Col. John B. McPherson, Chi '40, has been appointed to the permanent rank of lieutenant colonel in the regular Air Force. He is chief, Personnel Section, Headquarters of Eighth Air Force, Fort Worth, Texas. President of the student body in 1939-40, an honor graduate of R.O.T.C., he completed his B.S. in civil engineering in 1940 and was appointed a second lieutenant, Cavalry, Regular Army, that same spring. In July 1943, he received his pilot wings and shortly thereafter was transferred to the Air Force.

Arizona Alumnus



Ronald C. Coulter to Study Japan's Steel Industry

Ronald Scott Coulter, Gamma '19, 3011 Beverly Street, San Mateo, Combustion Engineer for Bethlehem Pacific Coast Steel Corporation, has been appointed to a four-man government commission to study problems related

to the steel industry of Japan. Brother Coulter, a specialist in Bethlehem Pacific's fuel and combustion problems, holds a degree in mining from the Colorado School of Mines. Following graduation he started at Bethlehem

Steel Company's Sparrows Point, Maryland, Plant in the engineering department. In 1936 he became com-

bustion engineer for Bethlehem Pacific.

Mines Magazine

Major W. S. Terrell with 10th Infantry



Major William S. Terrell, III, Rho '38, is now stationed at Fort Riley, Kansas, with the 10th Infantry Division, where he is Assistant G-1 of the division. This is one of the new divisions recently activated and has just begun to receive trainees. He writes that he has been quite busy writing Memoranda and Standard Operating Procedures. Major Terrell saw action in Algiers, Tunisia, and French North Africa before being wounded November 8, 1942. Following his release from Woodrow Wilson General Hospital in Staunton, Va., in November, 1943, he reported for duty at Camp Croft, S. C., and Ft. Benning, Ga. He was stationed in Manila from June until November, 1945. Since 1945 he has been stationed in Wyoming and in Kansas.

North Carolina State College News

F. M. Partridge Given New Position

F. M. Partridge, Lambda '38, of the Engineering Service Staff has been appointed to the newly created position of Gas Measurement Engineer. Brother Partridge will coordinate the activities of all divisions and departments involved in large volume gas measurement and give assistance on special measurement and instrument problems. In addition, he will develop uniform procedures and prepare standard practices, follow development in orifice meter measurement, telemetering and remote control equipment, and recommend adaptation for Company use. The actual installation, operation and maintenance of equipment will



continue to be the responsibility of the Operating Departments, with the Gas Measurement Engineer acting in an

advisory and consulting capacity.

Gas News

C. L. Barnhardt Appointed City Manager

C. L. Barnhardt, Rho '24, was appointed to the post of City manager of New Bern, N. C. on September 1, 1948. He was elected unanimously to this position at a special meeting of the Board of Alderman of the City of New Bern.

A civil engineer, Brother Barnhardt was employed for a short time by the city of Greensboro after graduation. He accepted employment with the city of Raleigh in August, 1925, and remained with the city of Raleigh until August 1948. During his stay in Raleigh, he served as assistant city engineer, assistant director of utilities, and as director of public works.

Brother Barnhardt has always been interested in athletics and sports of all kinds and while in Raleigh he was a part-owner of the Raleigh Capitals of the Carolina Baseball League. While a student at State, he served as assistant manager of football, manager of freshman football, manager of freshman basketball, and was athletics editor of the Technician his senior year.

In addition to Theta Tau, he was a

Friendship Council, Bible Study Leader, secretary and president of the Rowan County Club, ROTC second lieutenant of Company "A," member American Society of Civil Engineers, and the American Association of Engineers.



North Carolina State College News

Charles J. Hunter Division Superintendent

Gary works of Carnegie-Illinois Steel Corp., U.S. Steel subsidiary, recently announced Charles J. Hunter, Delta '33, as division superintendent of its west mills. Brother Hunter joined Carnegie-Illinois in 1935 as a metallurgist in the Pittsburgh district and during the war he served as co-ordinator of armor plate products for the

entire subsidiary company. He joined the Gary works organization in 1944 as chief metallurgist and three years later also became chief inspector. He belongs to the American Society for Metals, American Society of Testing Materials, and the American Iron and Steel Institute.

Case Alumnus

Stewart Bailey Heads I.R.E.

The Institute of Radio Engineers has announced the election of Stuart L. Bailey, Alpha '27, as president of the Institute for the year 1949. Brother



Bailey has been a Fellow of the IRE since 1943. He is a consulting radio engineer and partner of the firm of Jansky & Bailey, Washington, D.C.

During his undergraduate years he was active on the staff of W9XI, an experimental station run by the Uni-

versity; while taking his graduate work in 1928, he was chief engineer of WLB, owned and operated by the University of Minnesota.

In September 1930, he joined with C. M. Jansky, Jr. to form the consulting engineering firm of Jansky & Bailey. Brother Bailey's activities in the consulting field have been on both general allocation problems and specific engineering guidance for broadcast stations and commercial operating companies. He has had charge of all of the laboratory activities of the firm, including the development of field intensity measuring equipment and other devices used by the firm in evaluating radio station effectiveness.

He became an Associate Member of the Institute of Radio Engineers in 1928, a Member in 1936, Senior member in 1943, and was advanced to the grade of Fellow in the same year. Brother Bailey has been a member of various committees since his connection with the Institute. He is a member of Sigma Xi, Tau Beta Pi, and Eta Kappa Nu.

Minnesota Alumnus

Donald F. Carpenter Climaxes Notable Career

Donald F. Carpenter, Eta, '22, chairman of the United States Munitions Board, has been elected to life membership on the Corporation of the Massachusetts Institute of Technology. Brother Carpenter was first elected to the Corporation for a five-year term in 1943. His election to life membership comes at the completion of this term, during which he has served as chairman of the Corporation Committee on Student Activity. Associated with the Remington Arms Company

since 1933, where he is now vice-president and assistant general manager, Brother Carpenter is in Washington on leave of absence. He has served on the Industry Advisory Committee and more recently on the Military Liaison Committee of the Atomic Energy Commission where he was also deputy to James Forrestal, Secretary of Defense, on atomic energy matters. He is a member of the Board of Directors of the American Management Association and is assistant chairman of the Small

Arms Ammunition Industry Integrating Committee. Brother Carpenter is a director of the Merchants National Bank of Leominster, Mass., the Remington Arms Union Metallic Cart-

ridge Company, Ltd., of Brimsdown, England, the Peoples Savings Bank of Bridgeport, Conn., and the Seneca Falls (N.Y.) Machine Company.

Technology Review

John P. Simpson Noted Underwater Photographer

Lt. Comdr. John P. Simpson, CEC, USNR, Pi '40, has been appointed commanding officer of the Navy's new Seabee reserve unit recently established in Lynchburg, Virginia. The unit will be designated Organized Naval Reserve CB Unit 5-10 and will hold drills once a month. Lt. Comdr. Simpson says that the unit will concentrate particularly on the handling of equipment in arctic regions and the problems of cold weather maneuvers. A civil engineering graduate, Lt. Comdr. Simpson was Southern Conference bantamweight boxing champion in 1936, and captain of the 1939 boxing team. In World War II he gained widespread recognition for his outstanding work on underwater photography in the Navy. He was recalled to active duty at the time of the Bikini atomic tests known as "Operation

Crossroads" and designated Officer in Charge of the Crossroads Underwater Photography. For this work he was awarded the Bronze Star and a letter of commendation.



University of Virginia Alumni News

W. W. Dill Sells Steel Buildings

W. Wade Dill, Delta '31, has been named by the Builders Structural Steel Co., Inc., of Cleveland to manage the sales of Butler aluminum-covered steel buildings in the northeastern Ohio area. He was formerly associated

with the Johns-Manville Corp. in a sales capacity. The Builders Structural Steel Co. is located at 2880 E. 34th St., Cleveland.

Case Alumnus

In Memoriam

John Irving Ballard, Beta '10, died on August 6, 1945. He was from Alliance, Ohio, and attended Mt. Union College there before coming to M.C.M. where he graduated as a mining engineer in 1910. An excellent student, he was elected to Tau Beta Pi. After graduation he became Assistant Engineer for the Quincy Mining Co. in Hancock, Michigan, and remained there until 1916 when he became superintendent of the Cable Mining Co. in Cable, Montana. He then joined the staff of the Anaconda Copper Mining Co. in Anaconda, Montana. His son, J. B. Ballard was born on January 10, 1914. After leaving Anaconda he went to South America and joined the staff of the Chile Exploration Co. at Chuquicamata, Chile and at the time of his death was chief draftsman. His permanent address was 1112 18th Street, N.W. Canton, Ohio.

Karl Frederick Koehler, Delta '09, and No. 1 on its chapter roll died on October 28, 1947. He was a native of Cleveland and together with Brother Alderson organized Sigma Kappa Alpha in 1909 which later became Delta chapter of Theta Tau and was so installed in 1911 by Ernest Klepetko and others from Beta chapter. Brother Koehler was initiated on August 5, 1911 by the Chicago Alumni Association with E. J. Schrader, Alpha '05 presiding as Grand Regent. After graduation Karl entered the employ of the Illinois Steel Co. at Gary as a metallurgist and remained there until 1913 when he was with the Willys-Knight Co. at Elyria, Ohio, for a time. From 1916 to 1920 he was with the Youngstown Sheet and Tube Co. in Youngstown and in Franklin, Pa. He returned to Youngstown about 1923 and twenty years ago moved to Chicago, Illinois to represent the Youngstown Sheet & Tube Co. of East Chicago, Ind., and held that position until the time of his death. He was married in 1915 and the family home was at 8223 Clyde Avenue, Chicago, Ill.

Luther Edmonds Wood, Beta '19, died on May 9, 1946. He was initiated by Beta chapter in 1917 but did not graduate as a mining engineer as he entered the Army almost immediately. He left the army as a Captain 109th FA. A.E.F. of the 28th Division and was awarded the Belgian War Cross. After the war he did not return to Houghton but entered business and at the time of his death was secretary of the Wood & Brooks Co., Ontario & Kenmore Ave., Buffalo, New York. He was the brother of Alton Wood, also with that firm, who is an alumnus of Beta chapter.

His widow lives at 94 Lexington Ave., Buffalo, N.Y.

Arthur Raymond May, Epsilon '17, died of a heart attack at the Janathan Club in Los Angeles on December 9, 1948. He was born on February 26, 1893 in Nipomo, California, and graduated from the College of Mining of the University of California in Berkeley in 1917. After a short period of graduate work he joined the Navy and then entered the employ of the Shell Oil Co. After two years in Peru and Ecuador and several more years of experience elsewhere, he became district geologist for the company in Bakersfield, California, and remained there until 1936. While in Bakersfield he had an important part in the discovery of the Mount Poso, Round Mt., and Ten Sections oil fields. He was much interested in studies of the foraminifera some of which bear his name. During this period a number of young geologists were given their start in the oil business under his guidance. Always an intense student of his profession, Art had a fine knowledge of the geology of his state as well as of other parts of the world. His untimely death was a shock to all who knew him. At the time of his passing he was chief geologist for the Superior Oil Co. in Los Angeles. He was a member of Tau Beta Pi and the American Association of Petroleum Geologists.

Elwood Bachman, Lambda, '16, died suddenly of a heart attack at his home on December 14, 1948. He was born in Provo, Utah, on August 5, 1891, the son of Benjamin Jr. and Belle Milner Bachman. He received his primary education at Brigham Young Academy in Provo and then entered the University of Utah where he graduated in 1916. He was one of the founders of the U-Tech society that became Lambda chapter in 1920. After graduation he worked for Westinghouse for a time and then joined General Electric Co. helping electrify the Chicago, Milwaukee & Pacific Railway. During World War I he was an instructor at Yale University. He came back to Salt Lake City in 1920. During the last 25 years he has been consulting engineer for the Hudson Bay Mining Co. and was in charge of construction of its hydro-electric power plant on the Churchill River. He was also instrumental in the electrification of the Kennecott Copper Co. at Bingham, Utah. During construction of the Hoover Dam and the Geneva Steel works he was in charge of all work for General Electric Co. Surviving are his widow and a son and daughter, his mother, and two sisters. The family home was at 1391 Gilmer Drive, Salt Lake City.

Alfred Adolph Bloom, Psi '35, died in Chula Vista, California, on September 29, 1948. He had been in failing health since last spring and had an operation early in September. Alfred was born in Great Falls, Montana, on October 20, 1913. He attended primary and high school there and was active in athletics. He graduated from the Montana School of Mines in 1935 and had been an excellent student. Shortly after graduation he went to work for the Montana Gas Corp. at its Chinook, Montana field. In 1938 he became assistant superintendent of the Treasurer State Pipeline Co. at Oilmont, Montana, and remained there until about 1941 when he went to San Diego to work for the Rohr Aircraft Co. as engineer and at the time of his death was foreman for that company. His untimely death was a shock to those members of Theta Tau who knew him. He was very popular in the chapter while a student. The family home was at 118 Madonna Street, Chula Vista, California. Surviving are his wife, the former Marjorie White of Butte, Montana, a 4 year old son, and a 10 year old daughter, a sister, Mrs. Jessie Nelson, of Great Falls, and three brothers, Harry of Aberdeen, Idaho, and George and Elmer of Great Falls.

Thor Alfred Rydingsvard, Rho '33, age 40, died in Somerset City Hospital on October 28, 1948. He was born in Virginia on April 7, 1908, the son of Toesten and Josephine Rydingsvard. From 1929 to 1931 he attended the college of William & Mary, and entered North Carolina State College in 1931. He received his B.S. in Civil Engineering in 1933. He joined the staff of the U. S. Engineer Corps after graduation and was stationed in Nashville and in Baxter, Tennessee. In July 1948 he moved to Somerset, Kentucky and was resident engineer at the Wolf Creek Project, Burnside, Kentucky. While members of his family were still in bed he went to the basement to light a fire in a coal furnace. Gas, which apparently had been leaking for some time, exploded and almost completely wrecked his home. Severely burned, he was removed to the hospital and died that evening. Surviving are his wife and four daughters.

Edward Adolph Hellberg, Beta '10, age 56, died of a heart attack while visiting in Norway, Michigan, on July 6, 1942. He was born in Norway, Michigan, and graduated as a mining engineer at the Michigan College of Mines in 1910. He then became an assistant engineer for the Oliver Iron Mining Co. in Norway, Michigan, and remained there in various capacities until 1932, when he was made superintendent of the Pioneer Mine of the Oliver Iron Mining Co. in Ely, Minnesota.

He resigned in 1941 because of ill health. Funeral services were held in Norway on July 9, 1942. He is survived by his wife and two daughters, Mrs. Frank Laing and Miss Ceil Hellberg all living in Billings, Montana.

Merrill Carruth Hinkson, Upsilon '42, age 23, was killed in an airplane accident at the Army Airforces Basic Flying School at Bainbridge, Georgia, on August 14, 1942. He was a Lieutenant and acting as an instructor. He had the highest rank in the class of the air corps graduating at Luke Field in Arizona in May 1942. He attended the University of Arkansas and left during his senior year to join the air corps. On August 4, 1942, he was married to Miss Edna Roberts, daughter of Mr. and Mrs. J. L. Roberts of Little Rock, Arkansas. Funeral services were held at the Winfield Memorial Methodist Church in Little Rock, on August 15, 1942. Surviving are his widow, his parents and a sister, Miss Sula M. Hinkson, living at 214 Thayer St., Little Rock, Arkansas.

Lionel Herman Duschak, Honorary Epsilon, age 66, died at his home in Berkeley, on November 27, 1948. He was born in Buffalo, New York on September 25, 1882, the son of Adolf and Agnes Hannah Day Duschak, and received his preparatory education at the Buffalo Central High School. He then entered the University of Michigan and graduated there in chemistry in 1904. He received his M.A. and Ph.D. at Princeton in 1908, magna cum laude. From 1909 to 1913 he was research chemist and metallurgical engineer for the Corning Glass Co., and in 1913 joined the staff of the U. S. Bureau of Mines in San Francisco. From 1916 to 1921 he was superintendent of the U.S. Bureau of Mines station at the University of California. In 1921 he opened an office as consulting metallurgical engineer in San Francisco, California, and retained his consulting work after he was made professor of metallurgy at California in 1938. He was married to Frances Eschenburg in Santa Barbara, California, on October 13, 1909. He was also a member of Sigma Xi.

William Harvey Emmons, Honorary Alpha, age 71, died at his home in Minneapolis on November 5, 1948. He was born in Mexico, Missouri, the son of St. Clair Peyton and Elizabeth Harvey Ford Emmons. He received an A.B. in geology at Central College in 1897 and his Ph.D. at the University of Chicago in 1904. He then joined the United States Geological Survey and remained with it until 1909. While with the Survey he wrote the well known bulletin on secondary enrichment of ore deposits which was a classic in its field. He then became assistant professor of

geology at the University of Chicago and in 1911 was made head of the geology department at the University of Minnesota and State Geologist for Minnesota remaining there until he retired in 1944. He was the author of a number of standard works in the field of economic geology, "Geology of Petroleum" and a large number of articles and papers covering the field. In 1910 he was married to Virginia Cloy in Chicago. His children were Betsy and William Harold.

William Allen Rose, Alpha '06, died in Santa Monica, California, on January 30, 1949. He had been in poor health for some time. He was born in Rochester, N. Y. on October 2, 1882, but his family moved to Duluth, Minn. where he received his high school education. He graduated as a mining engineer at the University of Minnesota in 1906. Shortly after graduation he went to Helena, Montana to work for the consulting firm, Atwater, Linton, and Atwater, and helped examine some of the copper mines which later became large producers. From Helena he went to Nevada where he stayed about a year at the new camp of Duluth then being explored by a group of Minnesota capitalists. In 1908 he joined the staff of the Oliver Iron Mining Co. in Hibbing, Minnesota; after 1913 he became chief engineer for Pickands, Mather and Co. He was assistant general manager for them in Duluth from 1922 to 1927, and then was Mine Executive in the main Cleveland Office until 1947 when he retired and moved to California. Bill was one of the early day members of Theta Tau and contributed much time and thought to the problems to be solved by the young organization. He was a fine Theta Tau, an outstanding mine operator, and a loyal friend. Surviving are his widow the former Winifred E. Brown of Minneapolis, whom he married on June 10, 1908, his son Robert B., living in Long Beach, California, and his daughters, Barbara and Dorothy.

Walter Gifford Scott, Beta '12, died in his sleep on December 4, 1948. He was apparently in perfect health when he retired. Walter was born in Detroit, Michigan on May 8, 1890. His early schooling was in Detroit and his technical training as a mining engineer and Metallurgist was at the Michigan College of Mines. Shortly after graduation he entered the employ of the Anaconda Copper Mining Co. in Anaconda, Montana, and was engaged in research metallurgical work. During World War

I he was for a time in charge of a smelter at Ladysmith on Vancouver Island, B.C. and then returned to Anaconda. In 1918 he joined the staff of the Inspiration Copper Co. which was developing a ferric sulphate leaching process for oxidized copper ores. In a few years he became superintendent of leaching and held that position at the time of his death. In 1929 he and the late Harold Aldrich published a paper on leaching and electrolytic precipitation at Inspiration which is a classic constantly referred to by those interested in this type of metallurgy. He served several terms as President of the Cobre Valley Country Club, was a past president of the Globe Rotary Club, and a 32nd degree Mason.

Joseph Hill Rowell, Beta '16, died in Wakefield, Michigan on September 22, 1941. He came to the Michigan College of Mines from Iron Mt. Michigan and was initiated by Beta Chapter during the summer of 1912. He graduated as a mining engineer in 1916 and entered the engineer department of the City of Wakefield. In 1917 he joined the army and was stationed at Ft. Oglethorpe, Georgia, for the duration. Later he returned to Wakefield and was appointed City Engineer about 1928 and held that position at the time of his death. The family home was at 1106 Pierce St., Wakefield.

Lynus Leo Frenette, Beta '30, died of pneumonia in Detroit, Michigan on November 13, 1941. He was only 32 years of age. Brother Frenette was born in Hubbell, Michigan, on July 10, 1909. He attended the Michigan College of Mines and studied mining engineering. He was employed for eight years by the Michigan State Highway Department and then entered the employ of the American Metal Co. in Detroit, Michigan, until the time of his death. His wife, the former Marjorie Lucille Williams, of Houghton, Mich. died on May 2, 1941. Funeral services were held in Hubbell, Michigan, and burial was in the Forrest Hill cemetery in Houghton. Surviving are his parents, Mr. and Mrs. L. C. Frenette of Hubbell, a sister, Leone, living at home, and another sister, Mrs. E. J. Barbour, of Detroit.

Herbert L. Willson, Beta '48, died in Boyne City, Michigan, January 1949 following a long illness contracted during World War II in the South Pacific. He spent the last several years in service hospitals under constant specialized care.

T b e G E A R *o f* T H E T A T A U

OFFICIAL PUBLICATION OF THE FRATERNITY

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

Editors

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VALUES

A certain questionnaire which came to our attention recently was rather intriguing in these day of cybernetic controls and tumblehome curves. From one of our midwestern universities, it was addressed to twelve hundred of their former campus leaders, graduates of the past thirty years. Like most of its kind it was intended to sort out and classify and if possible determine just how successful these B.M.O.C.'s had been in attaining similar prominence (and filthy lucre) in the cold, cruel world. It was the last question, though, that took our eye. Somewhat modified from the original text it was: in importance to college work, how would you rank the following factors, (a) Books, meaning the course of study, (b) Personalities, meaning faculty and student contacts, (c) Organizations, meaning clubs, fraternities and societies, (d) Other.

Obviously each of the first three factors is mighty important. Factor (a) could hardly be omitted, nor could factor (b) and still have a college. Factor (c) perhaps isn't so vital, yet in many individual cases we know of, it was the catalyst that meant success or failure of a college career. We will be highly interested to see the answer to this question, if we ever do. Unfortunately, the questionnaire went only to a selected group of graduates

and former students, chosen solely because of their organizational interests and successes. Their answers might differ from those of other groups.

Consideration of the question, however, reminds us that as active members, alumni or as National Officers, it behooves us to make Theta Tau an important influence for good on each campus where we operate.

UNUSUAL AND MERITORIOUS SERVICE

Erich Schrader remarked at the Convention that he had been a national officer of Theta Tau for over 40 years. He wondered whether any other individual in this country had a longer record. This is an unusual term of service in any event, the kind that can't be bought, the kind that inspires others to carry on with greater enthusiasm for their tasks.

Erich Schrader's example has no doubt contributed to the part played by two others of the Executive Council. Grand Treasurer Vawter, now serving what he swears will be his last term as Treasurer, undertook these duties 25 years ago after a two-year term as Grand Outer Guard. Throughout this quarter century he has kept meticulous records of all financial transactions of the fraternity and has

made wise investments of fraternity funds.

Nearly as long a service record is held by Grand Vice Regent Donald Curtis who has just completed a 22-year term as Grand Marshal which was preceded by a term as Editor of the Gear. Again, the exacting task of keeping accurate membership records has been admirably handled by Brother Curtis throughout this long period.

It is impossible to convey the reaction of the fraternity to these Brothers through the medium of words. Perhaps a warm hand clasp would do it better. We speak for the thousands of Theta Taus who would like to show their appreciation in this way when we say, Thanks, Brothers, for the years of work which have established Theta Tau as a strong and vital force in the engineering world!

A sweet old lady, eager to help the needy, spied a particular sad old man standing on a street corner. She walked over to him, pressed a dollar bill in his hand, and said, "Chin up."

The next day, on the same street corner, the sad old man shuffled up to the old lady and slipped ten dollars into her hand.

"Nice Pickin'," he said in a low voice. "Paid nine to one."

* * *

A young lady was on a sight-seeing tour of Detroit. Going out Jefferson Avenue, the driver of the bus called out places of interest. "On the right," he announced, "We have the Dodge home."

ANY NOMINATIONS?

People who will render such devoted service as Brothers Schrader, Vawter, and Curtis are not easily found. Furthermore, the volume of work has multiplied with the considerable increase in membership so that it is now too great for "spare time" attention. For these reasons, Theta Tau is proposing to establish a salaried Executive Secretary who can carry on the detailed operations of the Treasurer's and Marshal's offices. If any member has a nomination for this position he should send his suggestion to Grand Regent Ames.

NOTICE

Copies of Baird's Manual of American College Fraternities can now be obtained for \$6.75 from the George Banta Publishing Co., Menasha, Wisconsin. This standard reference volume contains data on all American college fraternities.

"John Dodge?" the lady asked.

"No, Horace Dodge."

Continuing out Jefferson, "On the right we have the Ford home."

"Henry Ford?"

"No, Edsel Ford."

Still further out on Jefferson, "On the left we have the Christ Church."

Hearing no response, a fellow passenger tapped the young woman on the shoulder and said, "Go ahead, lady, you can't be wrong all the time."

* * *

Lawrence Curtis reported Judy Canova's reaction to a radio script she didn't think funny. "It's not worth the paper it's rotten on!"

Additions to Membership

ALPHA

- 563 Kenneth Andrew Hoffman, St. Paul, Minn.
564 Richard Lee Jacobson, Lake Benton, Minn.
565 Robert Virgil Hansen, Osceola, Wis.

BETA

- 631 Martin Edward Stuk, Chicago, Ill.
632 Norman George Ainslie, Detroit, Mich.
633 Donald John Hall, Racine, Wis.
634 Herbert Martin Lundstrom, Erie, Pa.
635 Alan Forrest Walter, Walled Lake, Mich.
636 Richard Wilson Livingston, Salt Lake City, Utah
637 Robert Walter Storm, Algona, Wis.
638 Cletus Clifton Rivard, Daggett, Mich.
639 Thomas Edward Besemer, Pleasant Ridge, Mich.
640 Paul Arthur Lundberg, Muskegon, Mich.
641 Fred Preston Drummond, Kawkawlin, Mich.
642 Donald Stanley Skufca, Ely, Minn.
643 Gerald Harry Mattson, Newberry, Mich.
644 Eugene Wright Knaebel, Houghton, Mich.

GAMMA

- 703 Marion Sedwick Bell, Denver, Colo.
704 Marvin Henry Estes, Montrose, Colo.
705 Walter Scott Forbes, Sacramento, Calif.
706 Robert Eugene Hudson, Lake Wales, Fla.
707 John Petrocco, Glenwood Springs, Colo.
708 Jack Glen Sutton, Denver, Colo.
709 Douglas Leroy Reese, Denver, Colo.

DELTA

- 695 Edward Howes Barrett, Cleveland, Ohio
696 Edward George Belden, East Liverpool, Ohio
697 George Frederick Climo, Altadena, Calif.
698 Theodore Gabriel Debrececi, Cleveland, Ohio
699 Daniel James Donnelly, Cleveland, Ohio
700 William Rolland Dorer, Shaker Heights, Ohio
701 William Francis Galey, Tarentum, Pa.
702 Douglas Church Hasbrouck, Hudson, Ohio
703 John Koinis, Toledo, Ohio
704 Richard Joseph Kraince, Euclid, Ohio
705 Jack Erwin Maxwell, University Heights, Ohio
706 Robert Kenneth Melick, Lakewood, Ohio
707 George Patrick Millburn, Cleveland, Ohio
708 William P. Newdome, Cleveland, Ohio
709 William Charles Oatis, Toledo, Ohio
710 Charles Edwin Parker, E. Cleveland, Ohio

- 711 Charles Howard Phipps, Bellevue, Ohio
712 William Bigler Read, Jr., Euclid, Ohio
713 Jean Joseph Revelt, Cleveland, Ohio
714 Jack Boynton Sharer, Cleveland Heights, Ohio
715 David Joseph Steigerwald, Lakewood, Ohio

EPSILON

- 615 Ronald N. Skow, Walnut Creek, Calif.
616 Virgil Standish Mallory, East Orange, N.J.
617 Albert Leo McGuinness, Oakland, Calif.
618 Thomas E. W. Sawyer, Jr., Los Angeles, Calif.
619 Robert Anselm Ortalda, San Jose, Calif.
620 Jack Washburn, Berkeley, Calif.
621 William Boucher Whitton, Richmond, Calif.
622 Bert Charles Morrison, Richmond, Calif.
623 Robert G. Thompson, Oceanside, Calif.
624 Hugh Preston Smith, San Francisco, Cal.
625 Perry Edward Byerly, Oakland, Calif.
626 Willis Joseph Pelletier, Kentfield, Calif.
627 John Herbert Bailey, Stibnite, Idaho
628 Robert Norris Hacker, Enid, Okla.
629 Arnold Lee Brown, San Francisco, Calif.
630 David William Day, Jr., San Francisco, Calif.
631 Charles Edward Herrick, San Gabriel, Calif.
632 John Louis DeLeen, Oakland, Calif.
633 Ryland Emmart Dempster, Hollister, Calif.
634 Fred Weston Starratt, Berkeley, Calif.
635 Don Tocher, Berkeley, Calif.
636 Herbert Vernon Norgren, Oakland, Cal.
637 James Bernard LaFeviers, Avoca, Ark.
638 Allen Benjamin Scouler, Berkeley, Calif.
639 Charles H. Hatten, Pasadena, Calif.
640 Charles Vincent Booth, Ontario, Calif.

THETA

- 448 John Calvin Roe, Passaic, N.J.
449 Richard Paul Schulz, Tuckahoe, N.Y.
450 Robert Lynd Anderson, New York City
451 Lee John Prochazka, New York, N.Y.
452 William Arthur Stirling, Brooklyn, N.Y.
453 Louis Andrew Urban, Bronx, N.Y.
454 Jay Clifton Fernandes, Nutley, N.J.
455 Charles L. Tucker, Brooklyn, N.Y.
456 Ralph Albert Hess, Lincoln Park, N.J.
457 Henry Fairfield Shirtz, Cliffside Park, N.J.
458 Roger Donald Lopez, New York City
459 Michael Francis DeMayo, New York, N.Y.
460 Thomas Joseph Colven, New York, N.Y.

IOTA*

- 589 Robert Eugene Peppers, Belleville, Ill.
 590 Peter Rolando Perino, Bensld, Ill.
 591 Richard Joe Roerman, St. Louis, Mo.
 592 Robert Irvin Zane, Kansas City, Kans.
 593 Louis Eugene Greco, St. Louis, Mo.
 594 Theodore James Reeves, St. Louis, Mo.
 595 Robert Nick Schmidt, Orland, Calif.
 596 William Weinstein, Lakeland, Fla.

MU

- 471 Arthur Wade Blackman, Crescent Ridge, Ala.
 472 William Columbus Stapleton, Jr., Mobile, Ala.
 473 Joseph G. Savery, Fairfield, Ala.
 474 Fletcher Fleming Young, Charlotte, Va.
 475 Hilton Dennis Logan, Tuscaloosa, Ala.
 476 Frank Middleton Butler, Jr., Anniston, Ala.
 477 Charles Frank Weed, Arlton, Ala.
 478 Joseph King Naftel, Deatsville, Ala.
 479 Aram Mooradian, Whitinsville, Mass.
 480 Thomas Edward Snow, Tuscaloosa, Ala.
 481 Elbert Gary Head, Birmingham, Ala.
 482 Billy Howell Hayes, Enterprise, Ala.
 483 John Pickens Logan, Jr., Russellville, Ala.
 484 Hugh Inman Williamson, Jr., Birmingham, Ala.
 485 William Edward Crowder, Jr., Little Rock, Ark.
 486 George Vergnes LeGardeur, Jr., Slidell, La.

NU

- 515 Robert Dietrich Haberstroh, Johnstown, Pa.
 516 Richard Clyde DiPrima, Miami, Fla.

XI

- 94 Mark Albert Wallasz, Milwaukee, Wis.
 95 Glen Eldon Albert, Madison, Wis.
 96 Franklin Richard Gerschke, Milwaukee, Wis.
 97 Charles Horace Pitt, Waupaca, Wis.
 98 Russel Earl Roeder, Ontario, Calif.
 99 David Richard Sawle, Mazomanie, Wis.
 100 Hilbert Otto Teske, Tomah, Wis.
 101 Roger Arnold Thiede, Madison, Wis.
 102 David Lee Zimmerman, Watertown, Wis.
 103 Morton Owen Withey, Madison, Wis.

OMICRON

- 529 William James Baker, Exira, Ia.
 530 Peter Borontz Bernstein, Oslo, Norway
 531 Richard Keith Caldwell, Cedar Rapids, Ia.
 532 Robert Lee Coats, Victor, Ia.
 533 Gordon R. Coleman, Fort Madison, Ia.

- 334 James Burton Cotter, Corning, Ia.
 335 Alva Adams Evans, Long Beach, Calif.
 336 Harold Joseph Grunsky, Bettendorf, Ia.
 337 Lowell Denison Kraatz, Oak Park, Ill.
 338 Ronald Paul Larson, Chicago, Ill.
 339 Hans Heinrich Lenschow, Oslo, Norway
 340 Donald Kingsley Mackenzie, Schroon Lake, N.Y.
 341 William Herbert Olson, Jr., Iowa City, Ia.
 342 Lester Willard Peterson, Monmouth, Ill.
 343 Ducan McDougall Putnam, Waterville, Me.
 344 Edwin Dean Simmons, Marengo, Ia.
 345 Robert Carl Smith, Waterloo, Ia.

PI

- 398 Joseph Francis Anderson, Rockville Center, N. Y.
 399 John Jerome Forst, Yonkers, N. Y.
 400 Gustav Arne Gelotte, Brooklyn, N. Y.
 401 George Fauntleroy Graves, Centerville, Mo.
 402 Jackson Wells Hambley, Merrick, N. Y.
 403 Coleman Kuhn, New Orleans, La.
 404 Samuel Rives Meredith, Jr., Scarsdale, N.Y.
 405 Harold Sims Moore, Charlottesville, Va.
 406 Ferman William Perry, White Post, Va.
 407 James Ritter Phillips, Richmond, Va.
 408 Giles Douglas Powell, Waynesboro, Va.
 409 Hoover Westcott Powell, Charlottesville, Va.
 410 John Lonsdale Roper, III, Norfolk, Va.
 411 Chester Alfred Spurling, Jr., Buckroe Beach, Va.
 412 Louis John Sternat, New York, N. Y.
 413 Arthur Ralph Temple, Andover, N. Y.
 414 Isaac Wilson Underwood, Greensboro, N. C.
 415 George Robinson Wentz, Brandywine, Md.

RHO

- 394 William Walter Bowers, III, Henderson, N.C.
 395 Robert Ernest Cato, Belmont, N.C.
 396 Robert Winfield Chadwick, Rocky Mount, N. C.
 397 William Elbert Clark, Everetts, N. C.
 398 William Eugene Hollowell, Jr., Rock Mount, N. C.
 399 Larry Brown McDade, Hillsboro, N. C.
 400 Clyde Wilbur Moore, Morehead City, N. C.
 401 Thomas Zack Osborne, Sparta, N. C.
 402 Russell Mayo Sasnett, Durham, N. C.
 403 George Henry Andrews, High Point, N. C.
 404 Richard Thomas Johnson, Henderson, N. C.
 405 Ross Warren Lampe, Raleigh, N. C.
 406 Duard C. Linn, Jr., Landis, N. C.

* Numbers 561 to 588 missing

- 407 Jack Raymond Long, Greensboro, N. C.
 408 Laurence Ernest Poteat, Bakersville, N.C.
 409 Harold Clingman Rhudy, Greensboro, N. C.
 410 William Findlay Thompson, Detroit, Mich.
 411 Harold Bern Williamson, Washington, N.C.

SIGMA

- 313 Ivor Edgar Davis, Columbus, Ohio
 314 James Frederic Fetter, Findlay, Ohio
 315 Donald Frank Jones, Columbus, Ohio
 316 John Peter Koss, Akron, Ohio
 317 James Calvin Stultz, Mt. Orab, Ohio
 318 Harry A. Wilson, Chicago, Ill.
 319 Frank Anton Valentine Zorko, Cleveland, Ohio
 320 Kamil Bogumit Czarnecki, London, England
 321 Glenroy Wesley Barnett, Columbus, Ohio

TAU

- 441 Julius Czaja, Adams, Mass.
 442 William Rudolph Castle, Williamstown, N.Y.
 443 Robert Anthony Comstock, Secena Falls, N.Y.
 444 Thomas Anthony Dixon, North Bay, N. Y.
 445 Edwin Parson Hess, Syracuse, N. Y.
 446 Richard Charles Lamkin, Skaneateles, N.Y.
 447 Carl Robert Maar, Syracuse, N. Y.
 448 Albert Mackay, Tupper Lake, N. Y.
 449 William Joseph McAndrews, New Hartford, N. Y.
 450 Robert Gerald McCord, Syracuse, N.Y.
 451 Norman Edwin Nelson, Fayetteville, N. Y.
 452 William Edward November, Long Island, N. Y.
 453 Roland Richard Ricoi, Collingswood, N. J.
 454 Philip Arthur Simmons, Syracuse, N.Y.
 455 William Patrick Smith, Bronx, N. Y.
 456 James Hudson Bersteeg, Maspeth, N.Y.
 457 Stanley David Becker, Brooklyn, N.Y.
 458 Malcolm Arthur Pelton, Great Valley, N. Y.
 459 Donald Bruce Keep, Ithaca, N. Y.
 460 Arthur James Hatch, Jr., Portland, Me.
 461 John Francis McLaughlin, Long Island City, N. Y.
 462 Wilbur Chester Cowell, Clay, N.Y.
 463 Robert Makepeace Decker, Syracuse, N.Y.
 464 William Harvey Stamm, Elmira Heights, N.Y.
 465 John Anthony DeTore, Syracuse, N. Y.
 466 Robert Michael Enzinger, Syracuse, N.Y.
 467 Bernard William Hoyt, Mallory, N. Y.
 468 James Emil Spiriti, Utica, N. Y.

- 469 Leon Francis Suita, Utica, N. Y.

UPSILON

- 303 George Robert Bowen, Fayetteville, Ark.
 304 Leland Waddell Brown, North Little Rock, Ark.
 305 Graydon Justin Bushart, Jr., Fort Smith, Ark.
 306 Lugean Lester Chilcote, Little Rock, Ark.
 307 Joe Nix Drew, Lake Village, Ark.
 308 Robert Louis Frantz, Fort Smith, Ark.
 309 Doyle Stanley Gibson, Brinkley, Ark.
 310 Frank Wright Gill, Fort Smith, Ark.
 311 Walter William Graham, Jr., Little Rock, Ark.
 312 John Edward Hawkins, Dermott, Ark.
 313 Bobilee Edward Hill, Mtn. Pine, Ark.
 314 Holcomb Burton Irby, Watson, Ark.
 315 Nathan Anderson McDaniel, Little Rock, Ark.
 316 Richard Loye Martin, Coweta, Okla.
 317 Billy Alvin Robbins, Imperial, Calif.
 318 Roy W. Roberts, Jr., Fayetteville, Ark.
 319 William Anthony Spinelli, Little Rock, Ark.

CHI

- 334 Robert Otto Wenzel, Tucson, Ariz.
 335 David Lee Steinheimer, Los Angeles, Cal.
 336 Karl Moopeski Pattison, Tucson, Ariz.
 337 Harvey Jack Nelson, Tucson, Ariz.
 338 Sidney Jack McDuff, Cortaro, Ariz.
 339 William Allen Johnson, Phoenix, Ariz.
 340 Gerald Eugene Ingram, Phoenix, Ariz.
 341 Norman Lee Fenton, Phoenix, Ariz.
 342 James John Bickerstaff, Douglas, Ariz.
 343 Louis Barton Hess, Jr., Ajo, Arizona
 344 Joseph Archle Hales, Los Angeles, Cal.
 345 Clark Henry Gerry, Tucson, Ariz.
 346 William Purcell Gatlin, Patagonia, Ariz.
 347 Lawrence Edwin Bell, Bisbee, Ariz.

PSI

- 246 Howard E. Banta, Ketchikan, Alaska
 247 Floyd C. Bossard, Anaconda, Mont.
 248 James H. Clement, Butte, Mont.
 249 Alfred Dimon, Hamburg, N.Y.
 250 Richard R. Douglas, Huntington Park, Calif.
 251 William R. Dunn, Bronx, N.Y.
 252 Robert D. Graham, Great Falls, Mont.
 253 Robert G. Ingersoll, Malta, Mont.
 254 Marvin E. Johnson, Butte, Mont.
 255 Donald Wm. Levandowski, Stockett, Mont.
 256 Russell B. Maurer, Long Beach, Calif.
 257 Arthur G. Moore, Arcadia, Calif.
 258 John A. Morgan, Roundup, Mont.
 259 Joseph F. Novak, Butte, Mont.
 260 Edwin J. O'Connell, New York City
 261 Charles K. Presley, Gardiner, Mont.
 262 Robert L. Ritchey, Livingston, Mont.

OMEGA

- 304 Marvin Edward Autio, Lead, S.D.
 305 Williard John Barkley, Tacoma, Wash.
 306 Harry William Roberts, Jr., Sioux Falls, S.D.
 307 Eugene Phillip Morton, Aberdeen, S. D.
 308 Stanley Arthur Schack, Omaha, Nebr.
 309 Charles Clifford Winburn, Rapid City, S.D.

GAMMA BETA

- 203 Ralph Bogley Allnutt, Washington, D.C.
 204 Donald Vernoy Davis, Erie, Pa.
 205 Charles Frank Meyers, Washington, D.C.
 206 Jerrold Mark Michael, Richmond, Va.
 207 Ivan Francis Bell, Bath, S.D.
 208 Richard Eugene Koester, Washington, D.C.
 209 Hollis Kent Kushman, Silver Spring, Md.
 210 John Wallace Lewis, Arlington, Va.
 211 Martin Arthur Elf, Washington, D.C.
 212 Franklin Wells Edson, Arlington, Va.
 213 Ernest Theodore Hix, Washington, D.C.
 214 John Albert Reidelbach, Jr., Richmond Va.
 215 Vincent James Toal, Washington, D.C.
 216 Victor Leon Reddle, Frederick, Md.
 217 William Wroblecka, South Hadley Center, Mass.
 218 Hillis McGee, Washington, D.C.
 219 Charles Edward Chambliss, Tuckahoe, N.Y.
 220 Frank Charles Braugh, Washington, D.C.

- 221 James Edward Robins, Washington, D.C.
 222 William J. Frahm, Oelrichs, S. D.
 223 Edward Gardner Lippitt, Jr., Charleston, W. Va.
 224 Kenneth Ray Brown, Washington, D.C.
 225 George Frank Tittrington, Jr., Takoma Park, Md.
 226 Frederick Roland Lewis, Alexandria, Va.
 227 Frank Revell Thompson, Arlington, Va.
 228 Raymond Wright Juncal, Washington, D.C.
 229 William Butterworth Allison, Arlington, Va.
 230 Harry Bennett Crosswell, Washington, D. C.
 231 William Carter Riner, Columbus, Ga.
 232 John Frederick Mehlhope, Washington, D.C.
 233 Howard Avory Grayson, Washington, D. C.
 234 William Kittredge Whittemore, Washington, D. C.

DELTA BETA

- 207 Clarence Sanford Roehrig, Louisville, Ky.
 208 Patrick William Lenahan, Louisville, Ky.
 209 Charles Virgil Metzler, Louisville, Ky.
 210 Robert Philip Ross, Drakesboro, Ky.
 211 William George Weedman, Louisville, Ky.

A small retailer in a Pasadena suburb had been trying for months to collect an overdue bill. All pleas and threats were disregarded. As a last resort he sent a tear-jerking letter accompanied by a snapshot of his baby. Under the picture he wrote: "The reason I must have my money!"

A prompt reply enclosed a photo of a voluptuous blonde in a bathing suit, labeled, "The reason I can't pay!"

* * *

A shy young lady sat next to a distinguished bishop at a formal dinner. For some time she hesitated to speak to him but finally, seeing some bananas passed, she seized the opportunity to start conversation.

"I beg your pardon, but are you fond of bananas?"

The Bishop, who was slightly deaf, replied, "Pardon me, but what did you say?"

"I said," replied the young lady, blushing furiously, "Do you like bananas?"

The Bishop pondered a moment, then answered. "It is a curious question, but I always prefer the old-fashioned nightshirt."

* * *

A Kansas revival service was being held, according to authentic reports, and one of the partners in a coal concern had joined the church. He tried to get his partner to do likewise. "I can't do it, John," replied the partner when the insistence became irksome. "Who'll do the weighin' if I join?"

Letters from the Chapters

Alpha House Gets Its Face Lifted



Alpha chapter extends its heartiest fraternal greetings and salutations to all brothers and alumni of Theta Tau. The last two quarters have been hectic ones for Alpha Chapter, but none the less enjoyable, and as spring quarter with its many events draws closer everyone is busy making plans for good times.

House improvements and renovations are still major subjects on our agenda and a great deal of enthusiasm has been shown in carrying out the various projects. The House Committee, Glenn Schwartz, Dan Donovan, Larry Brewick, and Bob Wunderlich, with the invaluable assistance of a Dayton Co. interior decorator, have carried the brunt of the load. The first floor of the house is finished, looking very spruced up indeed with the new paint job: furnishings, carpets, and decorations. The new recreation room in the basement will be finished next quarter. Incidentally, the fall quarter pledges aided the project considerably by patching, cleaning, and whitewashing the basement. Still to be done are two bedrooms on the second floor. A great financial boon was a lucrative "football game" parking concession which netted a total of \$130 during the season. Being only two blocks from the stadium and having a large front yard, we were in a perfect position for business.

The chapter has been very active in intramural sports on campus. Enthusiasm was great for football and Alpha came through with a good record, the stars: Al Mathy, Him Walsh, and Walt (Tubby) Manson, and no serious casualties. Enthusiasm waned somewhat for winter quarter basketball, but hockey and bowling records left nothing else to be desired. Only one game left, the finals in the hockey playoffs, the Alpha chapter is still going strong.

Special notice should be taken of the Actives vs. Pledges basketball game, played at the start of this quarter for the proverbial keg of beer. The actives took care of the pledges as well as the beer. The only semi-serious casualty a result of the game, occurred when pledge Manson dropped 211 lbs. of bone and muscle on active Manson's finger—result: broken digit. A stag party, held the 20th of January for the express purpose of draining the keg, succeeded admirably in doing just that—result: 25 pseudoserious hangovers.

The social life of Alpha chapter has been anything but neglected so far this year. The custom of small informal parties at the house after football games in the fall was carried into winter quarter after basketball games with bridge, dancing, and a quiet evening the rule. Winter quarter also saw a "Gambling Party" at the house, but no actual exchange of money due to state laws and the relatively conservative nature of the guests. The Founder's Day Banquet, October 15, saw the actives and many alumni gathered together for a full evening of fellowship and good cheer. Homecoming Day, October 31, and Halloween occurring together was the occasion for a large house party well attended by alumni. The decorations, following the Halloween theme, were a tribute to the talents of and perspiration expended by the actives. Founders' Day and Homecoming were also good excuses to show the new interior of the house to the best advantage to the alumni.

January 17 was a great occasion when the active chapter and the local alumni association feted Erich Schrader at a banquet. Brother Schrader told of the founding of the fraternity at this university in 1904, its trials and tribulations for several years thereafter, and the growth to its present size in an extremely interesting and inspirational talk.

The Inter-Pro Ball, sponsored by all professional fraternities on campus, was held February 5 at the Radisson Hotel and was a great success. We are looking forward to the Tri-Tech Ball, sponsored by the three professional engineering fraternities on campus, to be held in April. And also of major importance is the Institute of Technology Engineers' Day, to be held in May when the engineers of the U. of M. take over the campus. Alpha chapter always puts forth all possible energy to celebrate the day in a fitting manner.

With spring just around the corner we are looking forward to picnics, more parties, and eventually summer "vacation." On the agenda also are a smoker and a dinner dance with the alumni. All in all it will be a very active spring quarter.

Alpha chapter also distinguished itself somewhat by entering an exhibit in the Minnesota Federation of Engineer's Exposition. We were sponsored by the Minnesota Association of Professional Engineers and managed to secure an honorary award with a pictorial flow sheet of "The Professional Engineer in Industry." Bob Marquardt, the chairman of



the committee, and the man responsible for most of the work, is to be heartily congratulated.

At the present time we have a membership of 34, including the three brand new actives, Dick Jacobsen, Bob Hansen, and Ken Hoffman. Fifteen of the actives will graduate this spring but through the medium of smokers and stag parties, we have a large prospective pledge class to cover the losses.

The present officers of Alpha chapter are: Bob Reiss, Regent; Walt Manson, Vice Regent; John Stolpestad, Treasurer; and Elwood Rafn, Scribe. The faculty adviser is N. F. Ruszja of the Aero Engineering faculty, and house counselor is Dan Donovan, Omega '41, Graduate student in hydraulics.

Yours in H & T,
Con Appledorn
Corresponding Secretary

Beta Prominent in Campus Activities



During the past months since the last publication of the GEAR, Beta has continued to forge ahead with its house improvements. Immediately following our return to

school last fall the men of Beta began to enlarge and remodel the chapter room. The floor was lowered three feet and new concrete floor and foundations poured. Next came the knotty-pine walls and egg-crate ceiling. New permanent leather benches and appropriate fixtures were installed to make our chapter room the envy of all on campus. Another improvement was the purchase of a new "Magic Chef" stove with deep-fry to complete our kitchen. During the past two quarters, fourteen men have been initiated at three formal initiations. We have at present six pledges as well as many promising freshman up for future consideration.

Campus intramural sports finds Beta chapter of Theta Tau logged in third place and in position to move up. Recently Jack Bowker was elected to the post of intramural manager and will lead our teams for the next year.

Socially we have been quite active, with several outstanding parties being held in our new chapter room. In November the actives and their respective wives and dates enjoyed a hay ride and a party at the house. As in the past, we held our annual millionaire's party and it must be said it was a huge success. The 1949 Winter Carnival held February 7 through 12 was run off with much ado and Beta was the center of all

activities for the five days, with skits, statues, and float contests to entertain the carnival-spirited people attending.

Campus activities have taken many men from the ranks of our chapter with some of the more outstanding listed below: Bob Pierce, Regent, made the exclusive Who's Who in American Universities and Colleges; Gene Knaebel was crowned 1949 Central United States Collegiate Ski Champion; four men were initiated into Tau Beta Pi, they were Norman Ainslee, Donald Hall, Richard Witte, and Roger Penman; also four men were members of Michigan Tech's undefeated untied football team; they were George Bianchini, Bob Pierce, Edward Snyder, and Bob Storm. The 1949 school year book KEWEEN-AWAN will be edited by Dick Livingston and Mel Bunting will handle the business affairs.



"King Winter"
Beta's Winter Carnival Statue

This concludes the outstanding activities of Beta Chapter and its men for the past six months.

Fraternal greetings and best wishes to all

members and chapters of Theta Tau.

Yours in H & T,
Mel Bunting, Vice Regent
Dick Witte

Gamma Visited by Erich Schrader

GOLDEN COLORADO

Greetings and best wishes to all Theta Taus.

At present Gamma chapter has thirty-two active members and have selected twelve outstanding pledges. Twenty of the actives, however, will graduate in June. The pledge class this spring includes: Dick Martin, member of the boxing team; Bud King, Joe Hill, Bob Fitch, Dick Bench, all football lettermen; Tom Allen, member of the track team; Mert Signer; Herb Waterman, member of the baseball and basketball teams; Jim Langlan, member of the golf team; Jasper Warren; Bob Einerson, member of the football and basketball teams; and John McIver.

The officers elected this year are: Lou Landers, Regent; Norm Korn, Vice Regent; Glenn Poulter, Treasurer; Hugh Bradley, Scribe; and John Petrocco, Corresponding Secretary. Dean Signer retired as faculty adviser and we look forward to a happy relationship with his successor, Dr. Leslie W. LeRoy.

Gamma chapter is extremely proud of its members in school activities this year. Those tapped by Blue Key are: Jasper Warren, Lou Landers, Hugh Bradley, Norm Korn, Chuck Dunn, and Marv Estes. Dick Arnold has added another honor to his list of accomplishments. He became conference champion of the 155 pound class in wrestling and will compete in the NCAA Wrestling Tournament at Fort Collins, Colorado.

Our campus rivals, the "Sig Gams" were administered a sound thrashing at the hands of our red-hot basketball team, and we expect to repeat the performance soon in our annual softball game. Another highlight this year was the Theta Tau dance decorated with a Winter Carnival theme.

The chapter was deeply honored by a visit in February by Erich J. Schrader.

Gamma chapter looks forward to news of the other chapters and wish best of luck to them and the alumni.

Yours in H & T,
John Petrocco, Corres. Sec.

Delta Handles Campus Parking Problem



Delta chapter, at full strength of 40 actives and under the guidance of Professor Leslie Reardon, chapter adviser, and the leadership of regent Tom Neubecker, Vice Regent Tom Rodgers, Marshal Wally English,

Treasurer Clint Mehring, Scribe Ed Barrett, Inner Guard Dick Keance, Outer Guard Bob Miller and Corresponding Secretary Norman Jackson, has continued its traditionally prominent position on the Case campus. Among a few of the outstanding positions held by brothers are president of the senior class, president of the junior class, editors of the college newspaper, yearbook, and news service, and business managers of the newspaper and yearbook. Delta chapter is represented by lettermen in every sport on the campus.

In conjunction with Alpha Chi Sigma and Blue Key, a party was held January 15 in honor of the January graduating seniors. Delta chapter lost 14 actives through graduation in January. Included among these were

Vice Regent Ed Weber, Scribe Ivan Kacir, and Treasurer Richard Reinker.

Twenty-two brothers will graduate in June and a farewell party has been planned for them by Bill Dorer and his social committee. Also on the spring social program is a party at the off-campus Case observatory.

The joint annual formal dance of honorary and professional fraternities at Case was held February 19 at the Pine Ridge Country Club with Delta chapter acting as host. At a recent dinner meeting Trevor Guy, resident architect at Case, spoke to the chapter on the future expansion plans of Case.

Delta chapter has continued to assume the responsibility of taking care of the parking problem on campus. Brother Bill Griffin and his committee established a new point system to facilitate determining eligibility of students for parking permits. Besides issuing permits, the committee notifies students of violations of the parking rules and sees that the fines are paid. The revenue from fines is controlled jointly by Theta Tau and the student senate and is used for campus improvements.

Twenty-one men were initiated last semes-

ter and at a recent meeting, 22 students were pledged. Under the direction of Tom Rogers, the pledges will complete the revision of the alumni files. Formal initiation will follow a dinner meeting on April 12.

The newly pledged men are James M.

Fritz L. Schweitzer, Robert C. Scott, Albert L. Sebok, Robert L. Wayne, John W. Webb, and Robert P. Borofka.

Delta chapter meets every other Tuesday on campus in room 103 of the Bingham building. All alumni are cordially invited to



Delta Chapter

Biggar, George H. Blesch, Louis R. Bodfish, Edward J. Buell, James M. Cozier, Joseph M. Dieglio, Telesforte J. Filipski, Richard R. McLaughlin, Kenneth O. Michel, Gene W. Miller, Ronald Paolucci, Walter E. Rayher, Thomas H. Roberts, William D. Robinson, Charles F. Scholz, Thomas H. Schuerger,

attend. Alumni in the area who did not receive a news-letter in the fall are requested to send their business and residential addresses to Theta Tau, Case Institute of Technology, Cleveland 6, Ohio.

Yours in H & T,
Norman Jackson, Corres. Sec.

Epsilon Men Have Intellectual Leanings



Following a successful fall semester, Regent Hal Boyd, was presented a trophy for his outstanding leadership. In his place this term and pointing the chapter to an ever more successful spring semester is able, energetic Regent T. E. Gray. Helping Tom is Vice Regent Jim Brice. Jim also doubled as chairman of the membership committee which was helpful in bringing in 17 pledges this semester. York Mandra, Treasurer, took over the button holing task of not only catching the 23 actives, but catching them with money for dues. Scribe for this semester is Bob Rose, and corresponding secretary is Victor Hollister while Jack Evernden is Marshal. The chapter adviser.

Aside from Engineers Council, Epsilon chapter has many interesting and varied activities. March 11 the chapter participated in the Engineers' Dance, and a week later held a smucker where pledges and actives met for the first time. Professor Wells discussed the past International Geological Congress which he attended while in England. The formal initiation and banquet for the pledges is scheduled for April 1. The calendar for the spring semester includes an evening program on May 6 and a dance on May 21.

Carl Romney is presenting a paper in the 50th annual meeting of the Cordilleran section of the GSA this April, and Garniss Curtis and Jonathon Halsey are to be congratulated for passing their preliminaries for the Ph.D. Ronald Skew and Oley Sherby are now research metallurgists for the University of California and Dr. C. D. Hulin is currently on a sabbatical leave. Garniss Curtis is ably teaching Dr. Hulin's courses. Bud Ogle is now a lecturer in mineralogy and, together with George Manning, is preparing the Geology of the Blue Lakes Quadrangle for publication.

Epsilon suffered a great loss when metallurgy Professor Dr. Duschak died of a heart attack.

The old College of Mining is now streamlined with a new name and increased faculty. It is now the Department of Mineral Technology and among the new faculty is Durand A. Hall, an old time Theta Tau from Beta chapter.

Following the AIME national Convention in San Francisco in February of this year, Epsilon chapter held a banquet for all Theta Taus. Master of ceremonies was Professor E. H. Wisser, but many alumni spoke a few words, and a good time was had by all.

Epsilon extends its good wishes to all members and chapters.

Yours in H & T,
Vic Hollister, Corres. Sec.

Zeta on Even Keel

LAWRENCE KANSAS

Zeta chapter is upholding its high position in the activities of the Kansas University School of Engineering under the able leadership of the following chapter officers: Curtis Ottinger, Regent; Jim Jacobs, Vice Regent; Robert Wahlstedt, Scribe; Leonard Richards, Treasurer; and George McNeish, Corresponding Secretary. Chapter adviser is Professor G. W. Bradshaw, chairman of the K. U. Civil Engineering Department.

In keeping with our new system of initiating

staff of the Kansas Engineer with Charles Walker as editor and Robert Wahlstedt and George McNeish as members of his staff. Three loyal Theta Taus were added to the list of members in Tau Beta Pi and Sigma Tau in the persons of Charles Walker, Leonard Rickards, and Glen Anschutz.

Zeta lost two good men and the engineering profession gained two good engineers as Bruce Pennington and Bill Duncan graduated at the end of the fall semester.

The annual Christmas party was a highlight of the social life of Zeta chapter. It was held in the chapter house a week before



Zeta Chapter of Theta Tau

Top row: Wolfe, Crowl, Rumpf, Smith, Walker, Gartung, Talty, Anschutz

Middle Row: Bergman, Webber, Littell, Dougherty, Scholes, Jacobs, Brune, Smith, Hansen, Oliver

Bottom row: White, Hanstine, VanBenthem, Gartung, Wahlstedt, Ottinger, Rickards, McNeish, Greenwell, Elliott, Harris

new members at the start of the semester instead of at the last of the semester, Sunday, February 19, saw the initiation of Dwane Crowl, David Webber, Bill Gartung, Tom Brune, Charles Walker, and Glen Anschutz.

The pledge class for this spring includes the following: Tom Oliver, Harold Wolfe, Gene Littell, Jim Smith, Keith Smith, Elmer Dougherty, and Marion Scholes. Since there will be several openings in the house next fall the capable rushing chairman, Bill Gartung, is bringing over prospective pledges for an evening meal and get acquainted talk session.

Theta Tau is still firmly established on the

Christmas. There will be a party for the spring semester also as social chairman Dwane Crowl is already laying plans for the gala event. It is to be the annual "Red Dog" party.

The representative to the Theta Tau biennial convention, Curtis Ottinger, brought back lots of good ideas and interesting information from the convention.

Zeta extends its sincerest fraternal greetings to all brothers of Theta Tau.

Yours in H & T,
George R. McNeish, Corres. Sec.

Theta Plans Professional Development Program



Theta chapter offers greetings to all chapters and brothers of Theta Tau.

We started off the New Year with a dinner-dance early in January. There was a fine turnout of alumni and a good time was had by all. The success of this affair has led to plans

for a similar function in the near future.

As reported at the Convention in Chicago, the chapter now lists 23 actives. The officers for the past year have been Bob Prochazka, Regent; Joe Cummins, Vice Regent; Pete Sheridan, Scribe; Frank Brennen, Treasurer, and Jack Kearns, Corresponding Secretary. We expect to initiate 12 pledges and hold elections for new officers in May.

The Professional Leadership and Develop-

ment Committee has been busy making arrangements to institute the program here at Columbia. Other activities of our brothers include membership in the Engineering School Student Council. Joe Cummins is President, Lee Prochazka, Secretary, and Jay Fernandez is the representative of the Mechanical Engineers. Spring sports teams include brothers Mike De Mayo, baseball, and John Maher, crew. The chapter softball team is busily engaged in spring practice. Academic pressure prevented our training trip to Florida, but the University Power House is at about the right temperature to loosen up those throwing arms. We are intending to give the other fifty teams a run for their money this year in the University tournament. Our basketball team did not fare too well in the past season, but we beat the Chemical Engineers and lost to the Mechanicals only after an overtime battle and so the season can be chalked up as a success.

Delegates who witnessed the informal and

unofficial "Chug-a-Lug" contest at Chicago, between Peter Sheridan of Theta, and Steve Flanagan of Rho, will not be surprised to hear that Theta accepted and defeated a challenge by the local chapter of ASCE in the same sort of contest. The chapter "crew" team also emerged triumphantly at a recent smoker.

Our spring plans include a picnic baseball game with the Dumbells, another Engineering School organization; a cocktail party before the Engineers' Formal and possibly a banquet on our anniversary late in May.

Any Theta Alumni who have not received a news-letter recently may insure themselves of getting future ones by sending in current addresses.

In closing, we would like to welcome any alumni now in the New York area to any and all of our affairs. A card with return address will put you on our invitation list.

Yours in H & T,
John J. Kearns, Jr., Corres. Sec.

Iota Rolling



After terminating a successful fall semester Iota Chapter has launched into the spring term by placing Don Heath at the helm. Don, as our representative to the Chicago Convention, came back enthused and with a deep regard for the welfare of the Fraternity. The chapter felt that because of his zeal and interest that he would be well qualified to lead the chapter as Regent this spring.

To assist him in formulating and carrying out the new chapter policies a strong staff was elected to support him. Hal Johnson, a transfer member from Psi chapter, was elected as Vice Regent; Bob Schmidt, Scribe; Bill Collins, Treasurer; Harry Chapman, Corresponding Secretary; Keith Short, Marshal; John Jadwick, Inner Guard; and Bob Zane, Outer Guard. With this outstanding group of officers Iota is anticipating a very successful semester.

Present activities have centered about our Professional Development Program. This idea was brought to us from the Convention by Regent Heath. Under this program Iota is attempting to bring a closer relationship between the engineer and society. We expect to sponsor numerous banquets at which outstanding men in the humanities field will speak.

The response to our recent news-letter was overwhelming and we are instituting a plan whereby we will develop a closer contact with our alumni. It is our hope that by this plan we can establish better relations with them throughout the country, both socially and

professionally. We expect to have more complete details of this plan in the next news-letter to our alumni.

Iota initiated eight new members this winter, replacing our recent January graduates and bringing our total membership to 39. These men were selected from the leading students on the School of Mines Campus, ever maintaining Iota's high prestige among other campus organizations. We welcome Bob Schmidt, Bob Peppers, Pete Perino, Dick Roerman, Bob Zane, Lou Greco, Ted Reeves, and Bill Weinstein as Brother Theta Taus.

The annual St. Pat's celebration saw several Theta Tau alumni present among whom were Ray Pickett, Ken Neiwohner, "Mike" Reilly, Jim McGrath, Jack Masterson, and "Dixie" Walker.

The chapter's social activities during the winter months centered about the traditional "business meetings" in the Blue Room. Many a campus policy has been formulated and "hashed over" in this hallowed "smoke-filled room," not to mention the grieving wives who have had to eat a cold supper alone on Wednesday night.

With the coming of the warm spring weather we are planning to resume the many heart-warming get-togethers at the clay pits, a beer bust or two, and the inevitable bull sessions.

The material for a spring news-letter is being gathered and with new pledges in the fold it should be off the press soon.

These are the highlights of Iota's activities to date and we wish to extend Fraternal greetings to all members and chapters of Theta Tau.

Yours in H & T,
Harry Chapman, Corres. Sec.

Erich Shrader Visits Lambda

Greetings and best wishes to all Theta Taus. Lambda chapter is busy continuing a very active year that has been climaxed with a visit from the Grand Scribe Erich J. Schrader.

A banquet was held in honor of Grand Scribe Erich J. Schrader in the Rose Room of the Union Building on February 28, 1949. This banquet was held in conjunction with the Intermountain Alumni Association. Founder Schrader discussed current fraternity problems. And he emphasized how far reaching would be the effect resulting from the manner in which these problems are solved. It was a privilege and a pleasure to have Erich Schrader on our campus.

The Intermountain Alumni Association has selected Jack Lewis to receive their award as the most outstanding graduating Theta Tau. Jack was the Corresponding Secretary last year, and is the Vice Regent this year. He has maintained a high scholastic average and an active part in the fraternity.

The Professional and Leadership Development Program on our campus is creating new interest not only in the engineering undergraduate class but it is receiving support from the faculty and from many prominent leaders in the community. Our Professional and Leadership Development Banquets are held regularly every other Friday. And since most of the members bring their girl friends, our banquets have become very pleasant and interesting evenings.

The activities of Lambda chapter have been under the direction of Bill Forcht, Regent; Jack Lewis, Vice Regent; Kay Olson, Scribe; Craig Roberts, Treasurer; and Cordy Gottstein, Corresponding Secretary. Professor G. W. Carter, our faculty adviser, has been holding up well after the new addition to his family. As he received the chapter's congratulations, we noticed a broad smile and, if possible, a loss of hair.

Four new members were initiated into Lambda chapter on Sunday, January 30, 1949 at the Hotel Newhouse. The new members are Jack Call, Bob Mattison, Jack Thomas, and Doug Hileman. The new members gave the chapter a chance to enjoy the deepest snow in Utah's history at the Toboggan Party early last February. After a couple of hours in the moonlight on the slopes, we dried out around a big fireplace, ate chili, and danced at Wild Bill's Place.

There are now 26 active members and a pledge class of twelve in our chapter. The active chapter met the new pledges at a smoker on March 7 at the Union Building Game Room.

Our annual 49ers Party brought many of our alumni back to town. The Pilot Roadhouse was rented for the occasion. Everyone had a fine time. The only regret was that there weren't more prizes for the many original 49ers costumes.

Lambda chapter extends best regards to all members of Theta Tau.

Yours in H & T,
Gordon Gottstein, Corres. Sec.

Mu Working for Honor System at Alabama

Mu chapter sends fraternal greetings to all chapters of Theta Tau. Our chapter is operating through the spring quarter with the following officers: Robert Pogue, Regent; Wade Blackman, Vice Regent; Karl Stark,

Scribe; William Crowder, Treasurer, and George Legardeur, Corresponding Secretary. The treasurer's duties are carried by Brother E. F. Scofield of the faculty. The chapter is still fortunate in having Professor J. M. Faircloth as its adviser.

Since the last report to the Gear, Mu has

initiated 16 men, these brothers being added to the role last November. The present chapter roll has 38 actives on the list. A new honorary member, Professor L. A. Woodman, has been approved for membership and is to be initiated in April.

Mu has entered actively into cooperation with the Student Government Association in its effort to institute the honor system on the Alabama campus. The chapter is establishing contact with its alumni and has just mailed a news-letter to all for whom addresses are available.

Yours in H & T,
George Legardeur, Cor. Sec.

Xi Initiates Dean Withey



Xi chapter at Wisconsin finds after the shuffle of new members and graduation that 33 members and 8 pledges are now answering roll call. Last January we initiated 9 new members and elected a new group of officers.

The new members include: Hilbert Teske,

at which Dean M. O. Withey was initiated into Xi Chapter as an honorary member. Dean Withey is head of the Engineering College at Wisconsin. His initiation was followed by a banquet in his honor. Guests present were Dr. G. A. Rohlich, our faculty adviser, Prof. H. A. Peterson, Chairman of the electrical engineering department, and Prof. R. L. Moberly, director of the Industrial Management Institute. Prof. Moberly later gave a talk on "Personnel Relations in Industry." This was the first of a series of talks that Xi chapter



Left to right: Prof. Peterson, Prof. Moberly, Prof. Rohlich, Dean Whitney, Rynda, Plautz, Wallesz, Pitt

David Zimmerman, Mark Wallesz, Charles Pitt, Frank Gerschke, Russell Roeden, Roger Thiede, Glenn Albert, and David Sawle.

The newly elected officers are Don Plautz, Regent; Robert St. Clair, Vice Regent; George Zimmerman, Scribe; Fred Anderholm, Treasurer; and Edwin Baugh, Corresponding Secretary.

On February 26, we had a special initiation program at the Wisconsin Memorial Union

is sponsoring this semester under the general theme of "Human Engineering."

The second talk in this series was given on March 9, by Dr. Smith of the psychology department. He spoke on the problems of "Job Evaluation on the Professional and Executive Level." We have two more talks scheduled for this semester.

Yours in H & T,
Edwin D. Baugh, Corres. Sec.



Founders' Day Banquet

Omicron Regent Wins Outstanding Engineer Award



Omicron chapter finds itself today at almost full strength with 36 active members.

A few of the highlights of the 1948-49 season include two initiation dinners the informal dinner being held at the Spanish Room of the D & L Grill and the formal dinner being held in the Rose Room of Hotel Jefferson. Alumni present at this dinner included: Brothers Ned Ashton, '23, the Chapter's adviser; J. W. Howe, '24, co-editor of *The Gear*; and H. O. Croft, Honorary '18. Two rushing dinners were also given for actives and potential pledges, the first of these being held at the Spanish Room of the D & L and the other at the Pine Room of Reich's Cafe. Nineteen men became brothers of Theta Tau on the 16th of January.

In a recent election, the following men were appointed to office: Regent, Norman Hundsted; Vice Regent, Gerald Clancy; Scribe, C. M. O'Day; Treasurer, William Stratman; and

Corresponding Secretary, L. W. Peterson.

Mecca Week was a great success from the standpoint of Theta Tau. In addition to thorough participation in activities by members of the fraternity, the annual Outstanding Engineer's Award, formally named the Theta Tau Achievement Award, was presented to the Chapter's Regent, Norman Hundsted. This award is based on popularity, participation in extra-curricular activities, and student grades. Popularity was determined by a vote of all Iowa University Engineering students after nomination by open petition. The faculty awarded points based upon achievements of the respective candidates.

The chapter plans to carry on its rushing and pledging with 24 candidates selected. Intramural sports are being entered into enthusiastically and Omicron plans to have a bigger and better semester than ever before.

Omicron chapter extends fraternal greetings and best wishes to all brothers.

Yours in H & T,
L. W. Peterson, Corres. Sec.

Pi Strong in Political Affairs



Pi chapter sends greeting to all Theta Taus. This promises to be a very busy spring for the chapter. We are in the midst of the rush season.

One very successful rush party held on March 18 and another is to follow on April 2. We now have 52 active members due to the return of many brothers from service, but also, 37 will again depart in June due to graduation.

Leading our chapter this time are: Regent, John Cofer; Vice Regent, Earl Barnett; Treasurer, Randolph Grymes; and Scribe, Ferman Perry. We are happy to again have Dr. L. R. Quarles as our chapter adviser.

We wish that all the brothers could be with us on Friday, March 25. That's the date of the semi-annual Engineers' Ball, co-sponsored with our arch rival, Trigon. This has always been one of the most colorful events of the year. The indications are that this Ball will be the best yet.

Now to the more serious side of our activities. We are rather proud of the number of brothers holding responsible positions in the student government here at the University, especially since the Engineers are a minority group here.

Preston Stuart, who graduated in February,

was president of the Student council, which is the student governing body. He was succeeded by Don Hood. Another brother, Jim



Don Hood

Phillips, serves as the Engineering School representative on the council. We boast of Neal Wade as president and Don Hood, as

vice president of the June graduating class. We feel that the achievements of Don Hood deserve special mention. Initiated in October 1946, Don has been very active in the chapter, serving as Regent, Vice Regent and Treasurer. Don is also a member of Tau Beta Pi, ODK, president of the student chapter of American Society of Civil Engineers, past president of Chi Phi social fraternity, and a member of The Raven Society. Good work, Don, we hate to see you leave in June!

The chapter is having a banquet May 26 for the brothers in the June graduating class. At this time the "Gears" will be presented to the brothers. This is also the celebration of our 26th birthday.

We are happy to announce that as usual the chapter won the annual Theta Tau-Trigon football game. And as usual Trigon had to pay for the ante, one keg of good, cool beer.

On our future athletic calendar is a soft ball game. We have confidence that the "Triggers" will again go down in defeat.

Correspondence with the alumni has been more active this past year. This is due in part to the fact that we enclose an addressed post card with each alumni news-letter. This not only keeps us in contact with the brothers, but also gives us news for the next news-letter. Another news-letter will be out soon, but don't you brothers wait until then to drop us a card. We are very eager to hear from all the brothers out there in the working world. So how about a card?

That about sums up the recent activities of the chapter. Pi Chapter sends its sincerest regards to all Chapters.

Yours in H & T,
Wilson Underwood, Cor. Sec.

Rho Entertains Grand Regent



Rho chapter sends best wishes to all Theta Taus. Our chapter officers are E. C. Hunt, Jr., Regent; S. G. Flannagan, Vice Regent; S. T. Wiggins, Treasurer; K. C. Link, Scribe; B. B. Stockard, Jr., Corresponding Secretary. We expect to elect new chapter officers in several weeks.

Francis Edwards, Eastern District of Texas Oil Co., Raleigh, N.C.; Robert Hinkle, Alcoa Aluminum Co., Badin, N.C.; and R. P. Cocke, Jr., Pi chapter, E. E. instructor, N. C. State College. Another notable at the banquet was J. H. Lampe, Dean of the Engineering School.

An initiation was held before the banquet and the following men were brought into the



Grand Regent at Rho's Founders' Day Banquet

Professor T. C. Brown, the recently elected Grand Outer Guard, is our chapter adviser.

On February 12, Rho chapter held a Founders' Day Banquet. We were proud to have as our speaker Grand Regent Norman B. Ames. Among the other guests were alumni J. W. Harrelson, Chancellor, N. C. State College; J. C. Richert, Jr., Carolina Power and Light Co., Raleigh, N.C.; C. L. Barnhardt, City Manager, New Bern, N.C.; F. P. Barnes, Mixon Construction Co., Henderson, N.C.;

fraternity: G. H. Andrews, R. T. Johnson, R. W. Lampe, D. C. Linn, Jr., J. R. Long, L. E. Poteat, H. C. Rhudy, W. F. Thompson, and H. B. Williamson. With the initiation of these men, our chapter strength is 47.

The winter dance that was mentioned in the fall letter to the Gear turned out to be a good time for all—no money maker—but we made enough to cover expenses.

Politics is entering Rho chapter again. We have several men running for key positions

in the school government. V. C. Mims, Jr., is a candidate for president of the student body. A. C. Brock, the present TECHNICIAN editor, will run for president of the senior class. Larry McDade will try for treasurer of the student body. R. W. Lampe will run for the TECHNICOAN business manager. We hope to report complete victory in the next letter.

On Saturday, April 2, Rho chapter is taking an inspection trip to the Western Electric Co. in Burlington, N. C.

Our alumni files are complete except for the 1948 graduating class. Any information

as to the whereabouts of the missing men will be greatly appreciated.

As the first step in the new professional leadership and development program, Rho chapter held a supper meeting with Professor W. L. Barkely of the State College psychology department as guest speaker. The professor gave a very interesting talk on the characteristics of a wholesome personality.

I am enclosing several pictures of our speaker and guests taken at the Founders' Day banquet.

Yours in H & T,

B. B. Stockard, Jr. Cor. Sec.

Sigma Occupies New House



As the Winter Quarter gets under way, Sigma Chapter resumes its activity on the Ohio State campus. We are well settled in our new home and are more than pleased with it. There are 13 members living in the

house this quarter but we still have room for about three more.

Sigma is now in the process of bringing its Alumni Directory up to date in order that we may keep in closer contact with our alumni. As an aid in attaining this goal, we are planning monthly dinners and informal get-togethers with the alumni.

On January 19, the alumni held a banquet in honor of Brother Theodore Kauer, who was recently appointed head of the Ohio Department of Highways. Many alumni were present at this occasion and following the banquet a reception was held at the Chapter House so that the active members might meet Brother Kauer.

Election of officers was held on January 17. The new regent succeeding Brother Charles McCulla is Brother Richard Iserman. Other officers include Brother Charles Guttadore,

Vice Regent; Brother Ray Warren, Scribe; Brother Jim Fetter, Treasurer; and Brother Donald Jones, Corresponding Secretary.

We have active members in the following honoraries on the campus: Eta Kappa Nu, Sigma Xi, and Keramos. In addition four of our members are on the Engineering Council and another is a member of the Electrical Engineers Council.

Our chapter was well represented at the annual Engineers Prom held Jan. 14 at the Neil House. We had the pleasure of having two of our brothers, Leroy Hedges and Glen Barnett tapped by Technikon, a leadership and activities honorary fraternity.

Our active members now number 24 with a pledge membership of seven. We are increasing our social activities to help in our rushing program. An informal dance is scheduled for February and the annual Spring formal will be held in May. Dinner meetings are held on the first Monday of each month and we have been very fortunate in having excellent speakers at these meetings.

Sigma wishes to extend to all chapters of Theta Tau its regards and best wishes.

Yours in H & T,

Donald Jones, Corres. Sec.

Tau Membership Swelled by Vets



Tau chapter of Theta Tau in Syracuse has a good membership list in several honorary fraternities: Edward Alpert, A. J. Gnesin, Jay Endres, L. C. Liptak, Stewart A. Peebles, Robert E. Murphy, and Walter Newbauer all in Tau Beta Pi; Robert E. Murphy, Malcolm M. Bliss, Jay Endres, and L. C. Liptak are in Pi Tau Sigma; Edward Alpert, A. J. Gnesin, Mal-

colm M. Bliss, Carl W. Buckel, L. C. Liptak, Stuart A. Peebles, Carl A. Marr, Walter K. Newbauer, and Barnard W. Hoyt are in Pi Mu Epsilon; in Sigma Pi Sigma are Edward Alpert, Malcolm M. Bliss, and Jay Endres.

Despite Tau chapter's attempt to limit its membership to 40 men (as stipulated by the constitution) however, returning Vets have swelled this year's total to 60 actives.

Our new officers, elected February 24 are: Norman E. Nelson, Regent; Philip A. Simmons, Vice Regent; Roland F. Ricci, Scribe;

Arthur J. Hatch, Corresponding Secretary; William J. McAndrews, Treasurer; Malcolm Bliss, Outer Guard; Richard C. Lamkin; Inner Guard; Leon F. Siuta, Marshal.

This spring term, Tau initiated a new method of screening rushees before our smokers. Each pledge submitted, along with his pledge blank, a short essay stating what he believed he could offer Theta Tau and what he expected in return from Theta Tau. As we had anticipated, the list of rushees this term was greatly reduced from the three-hundred of last term, assuring us of a better choice of pledges.

A coming project for this term is for Tau

to completely check over the Alumni list and bring it up to date as to addresses and places of employment. This is an effort to develop a closer contact with the alumni.

Our annual news letter is being formulated by a few of the more-ambitious brothers.

Social life at Tau is not being neglected. At present, there are plans for a party or some social event, besides the Engineers' Banquet, in the near future. We are not expecting anything like our Fall picnic or our Engineers' dance, where we made a very nice profit, but we expect it to be good for a few laughs.

Yours in H & T,

Albert Mackay Asst. Cor. Sec.



Tau Chapter

Upsilon Holds Campus Grade-Point Record



We began our spring activities this semester with our formal in February. Outstanding among the decorations were a mural on the large ball room mirror and a revolving, lighted gear suspended from the ceiling. Unlike many of the formals, this one had entertainment at the intermission—by the Theta Tau octet.

Our new alumni, Leo Pasanko, Calvin out to be quite a success for we now have sixteen new pledges. Joe Gillespie, our new Marshal, is really getting some good work out of the new pledges.

At a recent election three new men were put into office. They are: Treasurer, David James; Corresponding Secretary, Corley Senyard; House Manager, Jim Vizzier. Joe Gillespie was appointed Marshal by Regent Ralph Stewart with the resignation of Dill McFarland.

For the second successive semester we have held the fraternity-sorority grade-point record. This past semester we had a 3.28 average. The pledges aren't hurting either with a 3.41 average.

There has been a great deal of argument as

to whether we should limit occupants of the house to members and pledges, or let anyone live in the house. We finally decided to let only members and pledges live in the house beginning with the fall semester.

This year Upsilon of Theta Tau will present, for the first time since the war, an award to the outstanding senior engineer. The award will be presented at the honors day convention in May.

Last semester Upsilon threw a beer-bust in honor of its new pledges, that WAS a beer-bust—one which will be remembered by both actives and pledges for many years to come. With the initiation of this class, we now have 19 actives. This, of course, does not include the 16 new pledges mentioned above.

Professor J. R. Bissett, our faculty adviser, has been doing a bang up job, helping here, assisting there, in our many and varied activities on the University of Arkansas Campus. Other chapter officers are Ralph Stewart, Regent; Glen Bruce, Vice Regent; Clem Cox, Scribe; Bill Shook, Inner Guard; Jim Vizzier, Outer Guard; Ott Ray, Intramural Manager; and J. O. Grizzell, Social Chairman.

Plans for the rest of the semester are well under way and consist of participation in the annual school carnival, *Gaeble*, a picnic,

beer-bust, and final smoker for pledging before the semester ends. Our picnic last year at Roaring River State Park up in Missouri, together with a second outing to the same location during the summer, proved such a success that the chapter unanimously voted that we again journey to the "Snow-me"

State's happy-hunting-grounds for this year's festivities. The water's cold, but it "sho" is good for the appetite."

Upsilon sends its regards and best wishes to all brothers in Theta Tau.

Yours in H & T,
Corley Senyard, Corres. Sec.



Upsilon "Beer Bust"

Phi Operates Full House



With eleven of our active members thrust out into the cold, cruel, clutches of industry by February graduation, a new staff of house officers, and the largest pledge class within our

memory (fourteen), we of Phi chapter are looking forward to another active semester at Purdue.

Our new alumni, Leo Pasanko, Calvin Clauer, George Eckerly, Robert Donovan, Richard Stresser, Robert Isacke, Halford

Knotts, Keith Benn, James Pequignot, Charles Ryan, and John Ulrich have challenged the world in an assortment of fields, ranging from wedlock to Wright-Patterson Field.

Wright-Patterson Field in Dayton, Ohio, was taken over by Theta Tau when Brothers Benn, Pequignot, Ryan, Ulrich, and Paul Hughes ('48) found good Civil Service jobs there.

Phi can boast of a full house even though there are almost as many pledges as there are actives. At present there are nineteen actives and fourteen pledges in the house. Marriages have taken the usual toll so there are a number of our men living out.



Thanksgiving Dinner



Christmas Formal

Our new house officers, Robert Stavenik, Regent; Robert Morrison, Vice Regent; Raymond Zirkle, Secretary; and Frank Miller, Treasurer have already shown their excellent administrative abilities in the short time they have been in office.

A selective pledging program has been initiated and is now well underway. Contained within this program is an advisory system whereby each pledge has an upper class active (of the same engineering school when possible) as his adviser and counselor.

The Professional Committee is upholding our policy of having professional men over as speakers. From these men we hope to select one or two good honorary members. These speakers are augmented by occasional visits by our Alumni Association officers: President, Professor Solberg; Treasurer, Professor Springer; Secretary, Nick Trbovitch; and our Faculty Adviser, Robert Burnette of the Electrical Engineering School.

Phi chapter has a finger in many of the pies on the campus: Track, Dich Corry; foot-

ball, Steve Manich; *Purdue Engineer*, campus engineering publication, Ray Zirkle; plus other sundry activities e.g., the *Exponent* and *Rivet*, campus newspaper and humor magazine respectively; Camera Club, Symphonic Band, and a good representation in the campus honoraries.

Socially Phi is active as ever. Our Christmas Formal was held in one of the Lafayette hotels and music was provided by one of the better known campus bands. A grand time was had by all and we closed the evening by gathering at the chapter house for a song-fest. Plans are presently underway for our Spring Formal in May. Bob Burnette, our new Social Chairman, has taken over the reins and promises some good parties and picnics in the future.

In closing, Phi chapter extends to all of its brothers best wishes for a good year of professional and fraternal brotherhood.

Yours in H & T,
Richard N. Miller, Cor. Sec.

Chi Working on Alumni Addresses



Chi chapter at Tucson held initiation of new members followed by an initiation banquet on January 9, 1949. Those initiated were L. Bell, J. Bickerstaff, N. Fenton, W. Gatlin, C. Gerry, J. Hales, L. Hess, G. In-

gram, W. Johnson, N. McDuff, H. Nelson, K. Pattison, D. Steinheimer, and R. Wenzel. The addition of the new men brought the total number of actives in the chapter to 34.

Three members, Bob Clelland, Arne Midgarde, and John Muse, were lost to the chapter through mid-year graduation. Several more members will graduate this spring so a search for qualified men to succeed them has begun. To this end an open meeting was held recently to which prospective members were invited. A guest speaker delivered an interesting talk

on atomic energy and a fine time was had by all.

Chapter officers were elected in February and at present are: Karl Pattison, Regent; J. R. Williams, Vice-Regent; Louis Hess, Scribe; David Steinheimer, Treasurer; Harvey Nelson, Marshal; W. P. Gatlin, Corresponding Secretary; and our chapter adviser, Professor E. S. Borgquist.

Chi chapter has been attempting to bring its alumni list up to date with correct addresses. We have succeeded in finding the majority of the addresses, but would appreciate it if any Chi alumnus who has moved recently will write and inform us of his new location.

The members of Chi chapter send best wishes to all chapters of Theta Tau.

Yours in H & T,
W. R. Gatlin, Cor. Sec.

Psi Sports Two Basketball Teams



Psi chapter extends greetings to all officers and members of Theta Tau.

New officers, elected at the start of the new year are as follows: Jack Gentry, Regent; Charles Presley, Vice Regent; Richard Douglas, Scribe; Bob Ritchey, Treasurer; Bob Ingersoll, Corresponding Secretary; Wally

Love, Inner Guard; Jim Clement, Outer Guard; and Charles Grimes, Marshal. Curtis L. Graverson of the Metallurgy department is our new faculty adviser. Three new activities were formed to expedite matters pertaining to social and alumni activities and to keep our file system up to date.

At the present time, Psi chapter has 37 actives and 35 pledges. On April 18, Psi will initiate 8 pledges: Bob Evenson, Jack Eastlick,

Al Gordon, Charles Hewitt, George Mattson, Herbert Sherburne, Frank Vorell, and Tom Vogt.

Two events occupied the social calendar of the last two months. On the 15th of February, a pledge party was held in the lounge of the Theta Tau wing of the Residence Hall. The inter-fraternity dance with our rivals, the Sigma Rhos, was held at the Butte Country Club on the 4th of March. Both fraternities pitched in to make it a big success.

Psi chapter's two basketball teams, the Theta Taus, and the Doovers, did themselves proud in the intramural tournament recently held. In the first round the Taus copped first

and the Doovers tied for second. In the second round the Doovers tied for first and the Taus gained a tie for third. In the final playoffs the Doovers came in second and the Taus third.

Psi chapter is pleased to report that an alumnus, G. T. Horne, '48, was a winner in the undergraduate division in the Student Prize Paper Contest sponsored by the American Institute of Mining and Metallurgical Engineers. The awards were presented at the Annual Meeting of the Institute held in San Francisco.

Yours in H & T,
Robert Ingersoll, Cor. Sec.

Omega Initiates Professional Development Program

RAPID CITY S.D.

The forty-eight active members of Omega chapter extend fraternal greetings to the Gear Editors and to all brothers of Theta Tau.

Omega chapter is experiencing a successful year at the South Dakota School of Mines. In the true spirit of Theta Tau, we have materially increased our prestige as an active student organization on this campus.

Our annual Christmas banquet was as usual a great success. In attendance were all the active members of the chapter and also the members of our faculty alumni. Our house-mother, Mrs. Dickinson, did a splendid job of preparing the dinner, which was according to custom, served by the chapter pledges. The turkey was a gift of the house managers, E. Schmidt and R. Johnson, and a former house manager now graduated, Cliff Flittie.

Omega chapter was well represented at the biennial convention held in Chicago. The delegate and alternate, Glenn Hanson and Keith Collins, respectively, were accompanied by Brothers MacLaglin, Schmidt, Johnson, and Jurens. The entire representation returned to Omega chapter greatly enlightened as to the scope of our fraternity and with a much better understanding of its activity in the professional world.

Conforming with fraternity policy, we have initiated a Professional Development and Leadership Program. The initial meeting was held on February 8, with Brother C. M. Rowe presenting a talk in which he discussed the objective of the program. We have adhered rather strictly to the plan outlines as presented at the convention. Since the first meeting, another has been held with still another planned for March 29. The first meeting was restricted to members of the fraternity, but since, we have opened it to the general participation of

the student body and any other interested party. A great deal of interest has been demonstrated by those in attendance at the first two meetings and we foresee much success in accomplishing the objectives of the program.

At the last meeting of the chapter, the annual election of officers was held. The following were elected: Bill MacLaughlin, Regent; Ralph Flow, Vice Regent; Bob Burns, Scribe; "Pete" Peterson, Corresponding Secretary; Al Dougal, Treasurer. Don Schoessler, our retiring Regent, has done a splendid job



Prize Winning Float

in fulfilling the duties of his office. We are confident that "Mac" will be more than equal to the responsibility delegated to him by the members.

This spring will find 25 active members graduating and becoming new alumni of Theta Tau. They are: Don H. Schoessler, R. K. Collins, E. F. Jacobson, Glenn M. Hanson, D. Fuerstenau, J. N. Grams, E. G. Helling, W. L. Hughes, H. L. Hurley, R. G. Johnson, K. Moriarty, Robert Phipps, W. L. Plummer, H. W. Roberts, A. D. Schmidt, E. F. Schmidt, N. Schmitt, B. N. Sutfin, H. W. Taylor, E. Thurston.

With the loss of the above men, we have



Graham, Petersen, Smith, Hanson



Retiring Regent Don Schoessler (L) congratulates Bill McLaughlin (R)

found it imperative that we supplement the remaining membership as early as possible. Realizing that we must replace the above men, early this year we launched a spirited rushing program. As a result, we have 35 men pledged. Of this number, a sizeable group will be initiated on April 10.

Our alumni mail bag contains many interesting letters from our scattered brothers. One alumnus, Cliff Flittie, probably has the distinction of being located the greatest distance from Omega chapter. Cliff, who gradu-

ated with the class of '48 with a B. S. degree in Mining engineering, is now with the Arabian American Oil Co. in Saudi Arabia. We welcome and encourage letters from our alumni, so that we may be able to keep better contacts between our active and alumni members.

Omega chapter extends its warmest regards to all of its alumni and to all brothers of Theta Tau.

Yours in H & T,
Howard Peterson, Corres. Sec.

Gamma Beta Gives Its Adviser to the Fraternity



Gamma Beta is without a chapter adviser. "Deacon" Ames found that upon assuming the office of Grand Regent his time was too limited to allow him to remain faculty adviser for Gamma Beta. This

chapter's loss is the fraternity's gain.

Our chapter officers are: Regent, Merrill R. Brown; Vice Regent, J. T. Dallas; Scribe, Glen H. Ballowe; Treasurer, Claude C. Dimmette Jr.; Assistant Treasurer, George Tittington; Marshal, Burr Latta; and Corresponding Secretary, James E. Robins.

Last fall saw a rush party held at Meadowbrook on November 6th highlighted by a football game with an oyster fry following.

Our second initiation of last semester was held at Lisner Auditorium on January 8, followed by a dance at the Camerson Club at which time we welcomed as brothers Bill Allison, Ken Brown, Harry Crosswell, Howard Grayson, Ray Juncal, Fred Lewis, John Melhope, Bill Riner, Frank Thompson, George Tittington, and Bill Whittemore.

Wasting no time this semester we followed up with a chapter birthday, banquet, and initiation at the Burlington Hotel on March 19, bringing our total number of actives to 57, a record for Gamma Beta. Initiated were brothers Alvis Craft, Alfred Flynn, Clarence Kuldell, Howard Mainhart, John McPhail, Jr., John Morgan, Art Schraitle, and John Wagner.

As you know, Don Blanchard, our delegate to the National Convention was chosen the outstanding delegate. The fraternity is also very active in the school of Engineering and about the campus. Ervin J. Liljegrin is President of Sigma Tau Honorary Fraternity and contact member of The Engineers Council to the Student Council. Chuck Appel is chairman of A.S.C.E., Bill Whittemore is chairman of I.R.E., and Merrit Downing is chairman of A.S.M.E., Hollis Kushman is Editor-in-Chief of *Mecheleciv*, campus engineering magazine, and Jerry Michael is copy editor. Jerry Michael and Glen Ballowe wrote the engineering column "Slide Rule Slants" in the *Hatchet*, the school paper. Theta Taus on the Engineers Council are: Chuck Appel, Don Davis, Ervin Liljegrin, Bob Manville, Jerry

Michael, Jim Sinsabaugh, Al Tinkenberg, and Bill Whittemore.

Gamma Beta has enjoyed a very successful

season and remains fraternally,

Yours in H & T,

J. Robins, Corres. Sec.

Delta Beta Operations Proceeding Smoothly

LOUISVILLE



Delta Beta is still holding down the fort at 2022 S. 1st Street against a siege of college schooling and periodic barrages of heavy artillery in the form of final examinations supplemented by sneak dawn attacks disguised as pop quizzes. We have on hand an active personnel of fifty-seven men and nine recruits who are due to join the ranks of the regulars in the near future. Pledges answering present to the last muster were as follows: Richard Clark, Richard Ernst, David Finch, Richard L. Jefferson, Junie Kraemer, Andrew Lieber, Jr., Robert L. Reed, Charles J. Sheehan, and Albert Wilding.

The five officers endeavoring to guide the chapter to victory are: Regent, Neil S. Bal-four; Vice Regent, John E. Straub; Secretary, James E. Allen; Treasurer, Irvin L. Johnson; and Corresponding Secretary, James E. Wright.

Reinforcements are in sight as news comes

to us that the alumni club is functioning more often than in the past. Meetings are held the fourth Monday of each month and officers will be elected March 28 to serve as gentlemen for one year by act of Congress. It is hoped that the monthly News-Letter will keep the scattered men in contact with the base of operations and that communications will remain intact.

An initiation was held March 6 to promote five new men to active status. Elmer C. Beason, Gerald F. Brewer, Allen M. Fine, W. E. Overstreet, and Thomas B. Spalding were the honored men.

A dance is scheduled, the famous Jacquemont Rose Dance, for June 3 before the big push at the end of the Spring Quarter.

Professor Miles G. Northrop continues as our chapter adviser and may be depended upon to give timely advice when the occasion arises.

Yours in H & T,

James E. Wright, Corres. Sec.

Intermountain A. A. Elects Officers

Dear Brother Howe:

The Intermountain Alumni Association is prepared to begin the 1949 activity year with the annual Installation Banquet on April 22. Officers that have been nominated to serve for the next term include Elton Pace, President; C. Lynn Peterson, Vice President; and eight Advisory Board members. The program will feature a speech by Mr. Edward W. Clyde, Salt Lake City attorney and authority on the development of the Colorado River

Local association members were pleased with the opportunity at the end of February to meet with Erich J. Schrader, who spent several days in Salt Lake City on his return trip to Reno. A banquet was held in his honor at which alumni and active members met and listened to Brother Schrader's remarks concerning the recent national convention and problems of the fraternity.

Yours in H. & T.,

J. W. Jenkins, Sec.-Treas.

N. W. Alumni Wont Get Up On Sunday

Dear Brother Howe:

Our present officers of the Northwestern Alumni Association have not changed since I wrote to you some time ago. They are as follows: President, J. A. Alley, Psi '36, 821 Porphyry, Butte; Vice President, Tom A. Greene, Psi '40, 2601 Princeton, Butte; Secretary, George T. Hanson, Psi '38, 706 Locust, Anaconda; Executive Officers, Dr. E. S. Perry, Psi '19, 1159 W. Gold, Butte; Tom Bennett, Beta '39, 226 W. Silver, Butte; and Al Rambosek, Psi '37, 1926 Utah Avenue, Butte.

The activities, which you ask me to write about, are very meager. We tried to have an alumni meeting last June but reservations

were so few that this was cancelled. Our choice of time may not have been the best; we tried to hold a breakfast meeting on a Sunday morning.

Grand Outer Guard Carter visited in Butte late in November. The Alumni Association officers met with Brother Carter one evening and we had some interesting topics for discussion.

Some of the Alumni have attended Psi chapter functions during the past year. Most of our contacts with fellow Theta Tau's seems to be through the monthly meetings of either the AIME or the Montana Society of Engineers. At any of these meetings a group of

Theta Tau men can be seen together.

This is not much news. However, I'm enclosing some Alumni notes that I've picked up around here. Hope some of them will be of use to you. May I add here a word of apprecia-

tion for the fine work you and Brother Mercer are doing with The Gear. Thank you.

Yours in H & T,
Geo. T. Hanson

Twin City A. A. Plans Spring Meeting

Dear Brother Howe:

On January the Twin City Alumni Association and the active chapter were honored to have at a jointly sponsored banquet Brother Erich J. Schrader. Also honored were three new actives who had been recently initiated. The alumni were represented by about twenty of their number and the active chapter claimed almost 100 percent attendance. Brother Schrader gave a very inspiring talk on the founding of Theta Tau and we are all looking forward to the time when we can meet with him again.

Our next activity as an organization is to furnish the program for a smoker the Active chapter is having on April 4. The program includes short talks by some of our more illustrious members representing various phases of engineering work. A good turnout of actives and prospective pledges has been promised.

Spring activities in the planning stage in-

clude an Alumni get-together of a purely social nature. The details have not yet been worked out but it is hoped that this will initiate a continuous practices as "The more we get together, the happier we'll be." It is always good to keep in contact with old friends and make new ones.

Officers elected on the night of the Founders' Day banquet are: President, Al Benzick; Vice President, Bob Aslesen; Secretary-Treasurer, Bob Rosene; Board Members, Bob Lunn and Herm Seibert.

The Alumni files are becoming more complete due to the splendid job the active chapter has been doing on them. However, there are still a number "missing" and also many from whom we haven't heard for a long time. How about a line or two, fellows, or at least a change of address card?

Yours in H & T,
Bob Rosene, Sec.-Treas.

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 Greenwich Village character opened the door for a couple of unanticipated guests one day. The friends stepped back startled, for the fellow was stark naked, except for a high silk hat, clamped jauntily on his head.

"Well," one of the ladies exclaimed, "do you always go around the house this way?"

"Certainly," replied the character, "Nobody ever comes to see me."

"But why the high silk hat?" she asked.

"Well," explained the nut, "there's always the chance that someone will drop in!"

"Use your noodle, lady, use your noodle," roared the traffic cop.

"Oh! my goodness! Will you show me where it is? I've pushed and pulled everything in this car."

* * *

Johnny could not pronounce the letter "R" correctly. His teacher, trying to improve the lad's speech, asked him to repeat after him: "Robert gave Richard a rap in the ribs for roasting the rabbit so rare."

After a moment's thought, the boy said: "Bobby gave Dick a poke in the side for not cooking the bunny enough."

* * *

Repairman: "Good morning, Madam, I'm from the Interstate, I understand there's something in the house that won't work."

Madam: "Yes, he's upstairs in bed."

Alumni Notes

ALPHA

- CURTIS, THOMAS H., '11, can be addressed at 119 Boonville Road, Jefferson City, Mo.
- WASSON, HAROLD J., '14, oil geologist, can now be addressed at Spring Meadow Farm, Route 2, Box 23, Conway, Arkansas.
- GOETZENBERGER, RALPH LEON, '16, is vice president of the Brown Instrument Co. a Minneapolis-Honeywell Regulator Division, 1919 K Street NW, Washington 6, D.C., and lives at 714 Norway Drive, Kenwood, Chevy Chase 15, Md.
- SEEMANN, ERNEST W., '19, lives at 60 West Broad St., Mt. Vernon, N.Y.
- CAPSTICK, DONALD W., '23, is living at 5579 Pershing Ave., St. Louis 12, Mo.
- MOORE, JOHN H., '24, is now supt. of the Otter Tail Power Co., Fergus Falls, Minn.
- HARTMAN, WILLARD G., '25, is president and manager of the Lewis Bolt & Nut Co., 504 Malcolm Ave. SE, Minneapolis 14, Minn. and lives at 678 Kenneth, St. Paul, Minn.
- LEWIS, BERKELEY, R., '25, Major USA, 0-29061, gives his address as U.S. Military Ground Mission, c/o American Embassy, Caracas, Venezuela, S.A.
- YOUNG, EDWARD FRANCIS, '26, was appointed general chairman of the Minnesota Federation of Engineers annual conference in Minneapolis. His home is at 4206 Crocker Ave., Minneapolis, Minn.
- ERCK, E. H., '27, is with the Pioneer Eclipse

- Division, Bendix Aviation Corp., Heterboro, New Jersey.
- BARTHELMEY, CARL R., '28, can be reached at 231 South LaSalle St., Chicago, Ill.
- ANDERSON, CLIFFORD O., '32, is assistant professor of Mechanical Engineering, Iowa State College, Ames, Iowa, and lives at 2021 Sunset Drive, Ames.
- BRIMHALL, GEORGE B., '33, can be addressed c/o Pan American Grace Lines, Miami, Florida.
- DANCHERTSEN, JOHN DESMOND, '33, is petroleum engineer for the Lane Wells Co., 2002 South Wayside, Houston, Texas, and lives at 3736 Nottingham, Houston.
- O'KEEFE, D. V., '38, is president of the Chicago Alumni Association and his office is at Suite 1955, 1 North LaSalle St., Chicago 2, Illinois.
- McMILLEN, R. E., '39, has been made Division Engineer for the Ohio Oil Co., in Tulsa, Oklahoma. He was formerly at Midland, Texas.
- PETETSON, VERNON R., '40, gives his address as P.O. Box 49, Missoula, Montana.
- OLSON, MILES B., '44, lives at 55 Maple Avenue, Tuckahoe, New York.
- RUPERT, ED., '44, lives at 1133 S. 64th Street, West Allis, 14, Wisconsin.
- SWANSON, ALF T. E., '44, gives his address as Carlton Apts., Aitkin, Minnesota. He has one daughter named Sharlane.

BETA

- COOK, WALLACE RONALD, '10, lives at 3303 Poinsettia Ave., Manhattan Beach, Calif.
- SCOTT, JAMES RALPH, '11, is with the Colonial Broach Co., 21601 Hoover, Detroit, Mich., and lives at 843 Whitmore Drive, Detroit 3.
- ELLIOTT, GORDON, '12, is at 2302 Magnolia, Long Beach, Calif.
- KOEPEL, NORBERT, '14, has been appointed General Manager of the Andes Copper Mining Co. and the Potrerillos Railway Co., Potrerillos, Chile, S.A. This is one of the largest copper mines in South America.
- HUGHES, WILLIAM LEWIS, '16, has his home at 18870 Inglewood, Cleveland, Ohio.
- WOOD, ALTON FRASER, '19, can be addressed at 108 Cleveland Ave., Buffalo, New York.
- ZRYD, ROBERT S., '25, is at 14733 Winthrop, Detroit, Mich.
- WERK, BERNARD JOHN, '31 (formerly Werkowski) is Director of Purchases, The Hakelite Mfg. Co., Grand Rapids, Mich.,

- and lives at 1500 Sherman St. SE, Grand Rapids.
- HAWN, CHARLES WILLIAM, '34, is assistant mine supt. of the Cia. Minera Aguilar, S.A. (of St. Joe Lead Co.) at Jujuay, Argentina.
- REID, IAN L., '36, has changed his residence to 510-12th St. North, Virginia, Minn.
- MOBERG, WESLEY, '41, is at Aberdeen Proving Ground, Maryland. He is a major in the U.S. Army.
- BAXTER, ROBERT C., '42, and Miss Irene Theresa Wood of Hibbing, Minn., were married on November 16, 1948. Home is at 715 E. 21st St., Hibbing, Minn.
- QUANDT, ALBERT, '42, reports the birth of a son, Stephen Michael, on November 30, 1948. Albert was recently elected president of the Houghton Association of Commerce, Houghton, Mich. He is Secy. of the Hamar-Quandt Co., of Houghton, Mich.
- CAMPBELL, EARL D., '43, is a buyer for the

- General Electric Co. in Erie, Pa. His permanent mailing address is 604 S. 11th St., Escanaba, Mich.
- SWENSON, GEORGE W., JR., '44, received his master's degree in electrical engineering from M.I.T. in 1948, and is now an instructor at the University of Wisconsin, in Madison, Wis.
- BURGER, DAVE, '46, is an instructor in chemistry at the Lawrence Inst. of Technology, Highland Park, Mich.
- CARLSEN, HOWARD J., '47, lives at 924 W. Fifth, Appleton, Wisconsin.
- McKERECHAN, GEORGE FLEMING MICHAEL, '47, is a mining engineer with Calumet & Heckla Cons. Copper Co., Calumet, Mich., and lives at 24 First St., Ahmeek Mine location, Mich.
- O'NEILL, BRIAN BORU, '47, Capt. USA, is attached to the military department of Penn State College, State College, Pa.
- PARKER, WALTER F., JR., '47, is chemical engineer for the Kimberley Clark Corp. at Neenah, Wis. and lives at 1030 W. Franklin St., Appleton, Wis.
- WEBER, FREDERICK, JR., '47, and Miss Rose Frances Feira, were married on Sept. 4, 1948, in Hancock, Mich.
- BARNEY, NATHANIEL A., '48, is field engineer for the Square D Co., in Milwaukee, Wisconsin.
- CARY, WILLIAM B., '48, is a construction engineer for the Barton-Malow Co. Contractors, 2631 Woodward, Detroit, Mich.
- COUILLARD, GEORGE M., '48, is a civil engineer with the A. W. Kutsche Co. a building construction firm, 2924 West Gd. Blvd., Detroit, Mich.
- DENNIS, THEODORE E., '48, is a metallurgical trainee at Carnegie-Illinois Steel Corp. South Works Plant, Chicago, Ill.
- EDWARDS, WILLIAM H., III, '48, is plant maintenance supervisor with Northern Indiana Brass Co., Elkhart, Indiana, and lives at 620 W. Lexington, Elkhart.
- KELLY, JOHN F., '48, is draftsman for the Eaton Mfg. Co. at 9171 French, Detroit, Mich.
- KESTNER, HAROLD R., '48, is employed as a test engineer by General Electric Co and where could that be?
- KOPPELMAN, JACK K., '48, is a salesman for the Goodman Mfg. Co. Chicago.
- PAULL, ROBERT W., '48, is taking the graduate training course at Allis Chalmers but does not help the Gear mailing list.
- RIDEOUT, SHELDON, '48, is metallurgist at the Ladish Company, Cudahy, Wisconsin.
- SCHOCH, RICHARD D., '48, is training at the Ladish Co., Cudahy, Wis.
- WALKER, THOMAS, JR., '48, is a mining engineer at the Sunday Lake Mine, Pickands Mather & Co., Wakefield, Mich.

GAMMA

- BOATRIGHT, BYRON B., HON., is now associated with the Conroe Drilling Co., being vice president, and his new office address is 818 Brown Bldg., Austin, Texas.
- CURTIS, R. P. '09, is president of Curtis & Harper Inc. in Newburgh, N.Y.
- LITCHFIELD, RUFUS E., '14, lives in Mohnton, Pa.
- COULTER, RONALD SCOTT, '19, gets mail at 3011 Beverly St., San Mateo, California. He is combustion engineer for Bethlehem Pacific Coast Steel Corp.
- BINYON, E. O., '23, mining engineer for the U.S. Bureau of Mines, gets mail at 112 Andrew St., Rapid City, S. D.
- CRAWFORD, RONALD F., '23, is living at 1126-13th St. South, Birmingham 5, Ala.
- AMSDEN, BURT, '25, is now being addressed Institution Hill Flats, River Valley Road, Singapore, Asia.
- BROWN, LEROY T., '26, has left Mexico where he was manager of the Torreon smelter, and is at South Bristol, Maine.
- GAHAGAN, DONALD L., '27, District Geologist, Pan American Production Co. resides at 2825 Quinby Ave., Houston 5, Texas.
- HERNDON, ROBERT F., '27, is lubricating engineer for the Gulf Refining Co., Harlan, Kentucky.
- HOLMES, THOMAS J., JR., '27, is being addressed at P.O. Box 2064, Jackson, Miss. He lives at 1046 Baronne, New Orleans, La.
- LOFGREN, WALTER G., '28, is now president of the United States Welding Works, 1301 Market St., Denver 2, Colo.
- CLINE, W. W., '29, is with the San Joaquin Drilling Co., 417 South Hill St., Los Angeles Calif.
- ZWICK, BEN F., '29, has left the S. O. Co. of New Jersey and has become vice president of the Husky Refining Co. of Cody, Wyo. He is in charge of the company's Canadian operations, Husky Oil & Refining Co., Calgary, Alberta, Canada.
- BOWIE, KENNETH, '30, is district supt. Shell Oil Co., Quitman, Texas.
- BURRELL, IVAN G., '31, is superintendent for the Ohio Oil Co., Marshall, Ill.
- ZWICK, WALTER H., '32, is with the District Engineer, 628 Pittock Block Portland, Oregon, and his home is at 8260 North Chautauqua Blvd.
- GIGGEY, T. E., '34, is vice president of The

- Pryer-Giggey Co., P.O. Box 739, Whittier, California.
- JEFFRIES, E. H., '34, writes that mail should be sent to him at 2077 Hanover Drive, Cleveland Heights 12, Ohio. He has been associated with the Surface Combustion Corporation since 1935. Brother Jeffries is the father of two daughters but, as yet, has no one to carry on the principles of Theta Tau.
- KINGMAN, EDWARD F., '34, has been elected president of the Alumni Association of the Colorado School of Mines for the year 1949.
- OSBORN, C. E., '34, is now metallurgical engineer with Western Machinery Co. in San Francisco and has bought a home at 6036 Outlook, Oakland, California.
- SHELDON, CARL F., '34, for many years on our lost list, is now in Denver and his home address is 75 West Bayaud Ave.
- DAGGETT, W. KENNETH, '35, has become manager of the Welx Jet Services, Box 234, Ardmore, Okla., and lives there at 1306 Bixby, St.
- HALL, LEROY E., '35, is engineer for the Idarado Mining Co. at Silverton, Colorado.
- NEILL, JAMES F., '35, Asst. Supt. The Texas Co. wants mail sent to P.O. Box 1270, Midland, Texas.
- TRUE, KENNETH, '35, sends word of the birth of another son on Oct. 12, 1947. He is with the Lustron Corp. in Columbus, Ohio. His mailing address is Box 282, Bexley Branch, Columbus 9, Ohio.
- RIPLEY, G. H., '36, has a change of address from New Jersey to 4919 Ventura Lane, Houston 4, Texas. He is plant manager for Hercules Powder Company in Houston.
- SHARPE, CHAUNCEY, '36, Box 400, Guelph, Ontario, Canada, who is superintendent there for U.S. Gypsum, announces the birth of William Kipling Sharpe, on November 25, 1948. The family home is at 26 Maple St., Guelph.
- APPLETON, JAMES A., '37, representing Goodman Mfg. Co. has a new home address at 87 Main St., Kirkland Lake, Ontario, Canada.
- HUNDHAUSEN, ROBERT J., '38, sends word of the birth of a daughter, Phyllis Maxine, on September 3, 1948, in Albany, Oregon.
- MCCUTCHAN, R. C., '38, petroleum engineer for Phillips Petroleum Co. can now be reached at 602 N. McKinney, Odessa, Texas.
- DETMAR, ARTHUR O., '39, geologist for Magnolia Petroleum Co., lives at 2205 Harden Drive, Oklahoma City, Okla.
- SWARTZ, TENCH G., '39, is owner of the House of Tile at Phoenix, Arizona. His mailing address there is Route 8, Box 270.
- CHAMBERS, J. RUSSEL, '40, should be addressed at 2347 Garrison, Denver 15, Colorado.
- DUHME, R. M., '40, sends in a new address at 5145 Grant Ave., Fresno, California.
- THORNTON, HERBERT D., '40, has left the A.O. Smith Corp. and is now Petroleum Engineer with Franco Wyoming Oil Co., Suite 601 Edison Bldg., Los Angeles 13, Calif. Mail should be sent to his home at 4226 Callis Ave., Los Angeles 32, Calif.
- YEAGER, GEORGE G., '40, is now in the purchasing department of the Aluminum Company of America in Pittsburgh, Pa. His address is 3229 Circle Drive, Pittsburgh 27, Pa.
- BERTA, JOE, '41, is now assistant supt. for the Union Pacific Coal Co. in Reliance, Wyoming.
- PATTY, WALTER L., '41, is Technical Representative of the E. I. DuPont de Nemours & Co., in Joplin, Mo.
- KIERSCH, GEORGE A., '42, geologist with the U.S. Corps of Engineers, wants mail sent to 651 Roosevelt Ave., Tracy, California.
- ANDERSON, ERNEST ROBIN, '43, who is engineer at Roos Dam, Rockport, Wash. wants his mail sent to 1368—48th Ave., Vancouver, B. C., Canada, as the dam project is about completed.
- RUGG, E. S., '43, is addressed care of The Texas Co., New Castle, Wyoming.
- BROWN, THOMAS W., '44, sent news of the arrival of Charles Henry, a son, born August 21, 1948. He is assistant manager of the Brown Fence Co. and home is at 1616 Broad St., Chattanooga, Tenn.
- BURFORD, ROBERT F., '44, doing civil engineering for the Permanente Metals Corp., is addressed in their care at Mandeville, Jamaica, B.W.I.
- JOHNSON, CLYDE V., '45, Field Engineer for Denver Equipment Co. has changed his residence to 2541 Newton St., Denver 7, Colo.
- MOE, RICHARD F., '46, has left Mexico, and is now Mine Supt. for St. Louis Smelting & Refining Co., Baxter Springs, Kansas.
- FLYNN, REX E., '47, with Stanolind Oil & Gas Co. can be reached at Box 943, Elk Basin, Wyoming.
- MAGNIE, ROBERT L., '47, is with Bethlehem Steel Co., and lives at 5120 East Central, Wichita, Kansas.
- SPAIN, WILLIAM F., '47, wants his mail sent to Holden, Washington.
- BROWN, C. W., '48, is with Atlas Powder Co., and mail should be sent to his home at 615 South Center, Grove City, Pa.
- DEGOES, LOUIS, '48, graduate student at Stanford, has moved his home to 2927 Southcourt, Palo-Alto, Calif.
- FISHER, SYLVESTER J., '48, gets his mail at P.O. Box 1129, Rock Springs, Wyoming.
- FLYNN, JOHN J., JR., '48, has left Atlas Powder Co. and is at the Denver Law School. Mail should be sent to 1009 Jackson St., Denver, Colo.
- MINER, GORDON, M., '48, with Goodman Mfg.

Co. lives at 812 Bauer Ave., Charleston, West Virginia.

SPIELER, EARL L., '48, announces the birth of a daughter, Cathy, on December 19, 1948. He is junior engineer for the Ohio Oil Co. at Grass Creek, Wyoming.

WANNER, JOHN J., '48, and Miss Grace Haff Blood-Smyth were married in Denver on October 8, 1948. He is employed by the Stanolind Oil & Gas Co. in Rangely, Colo., where they are now living.

DELTA

VON KASKE, KARL HOMER, '24, who later graduated from Carnegie, is research engineer for the Pittsburgh Plate Glass Co. in Creighton, Pa., and lives at 33 Pearl Drive, Pittsburgh 27, Pa.

BATES, A. ALLAN, '25, vice president of the Portland Cement Association can be addressed in its care at 33 West Grand Ave., Chicago, Ill.

DEWITT, CLIFFORD HATHAWAY, '26, is office manager of the Powers Station Depts., Duquesne Light Co., in Pittsburgh and lives at 318 Ashland Ave., Pittsburgh, Pa.

THOMAS, WILLIAM ALBERT, '29, is Asst. Prof. in EE at Case Institute of Technology in Cleveland, and lives at 47 Second St., Willoughby, Ohio.

DILL, W. WADE, '31, is now with the Builders Structural Steel Co., 2880 East 34th St., Cleveland, Ohio.

ARTNER, ROBERT OTTO, '32, is Detroit Mgr. for the Cleveland Twist Drill Co., 2929 E Grand Blvd., Detroit, Mich., and lives at 184 Kerby Road, Grosse Point Farms, Mich.

HANNUM, CHARLES MARTIN, '32, is engineer for the A. J. Brandt Co., 1005 Hofmann Bldg., Detroit 1, Mich., and lives at 812 Kennesaw Ave., Birmingham, Mich.

HUNTER, CHARLES J., '33, has been appointed assistant superintendent of the west mills

of Carnegie Illinois Steel Co. in Gary, Indiana.

BATESON, GEORGE F., JR., '37, is Assistant Manager of the Warehouse Division, Republic Steel Corp., Youngstown, Ohio. His address is 221 Willard Ave., SE, Warren, Ohio.

HANVILLE, SCOTT HENRY, JR., '38, is with the Aircraft Electric Power Sect., Aero Bureau, Room 1W90, Navy Dept., Washington, D.C., and lives at 2500 Q St., NW, Washington, D.C.

SOWERS, GEORGE F., '42, who is teaching in the CE Dept. of Georgia Tech., lives at 2404 Chattahoochee Ave. NW, Atlanta, Georgia.

DUFFY, THOMAS E., '45, gives his address as 15916 Alden Avenue, Cleveland 11, Ohio.

GREEN, THOMAS A., JR., '47, graduate student at the University of Geneva in Switzerland, likes it so well he is remaining another year. His address is Avenue Miremont 29 bis, Geneva, Switzerland.

YAPPEL, A. RALPH, '47, is reported to be an instructor in ME at the Colorado School of Mines in Golden, and residing at 1305 19th St., Apt. 3, Golden, Colo.

GORMAN, ROBERT T., '49, wants his mail sent in care of Sohio Pipe Line Co., 407 North Eighth, P.O. Drawer D-15, St. Louis, Mo.

EPSILON

RUSSELL, RICHARD J., '19, past Grand Regent, reports the birth of a fifth son, Thomas William, on Sept. 22, 1948. The family home is at 4525 Highland Road, Baton Rouge 14, La.

GREEN, FREDERICK C., '23, has been made assistant general manager of the Chino Mines division, Kennecott Copper Corp., Hurley, N. Mex.

DUDLEY, PAUL H., '25, has resigned his position with Richfield Oil Corp., and is doing consulting work. His mailing address is Box 7142, Long Beach 7, California.

VAN GRUNDY, C. E., '31, lives at 4536 California Avenue, Long Beach 7, California.

BOUKETT, WESTON, '34, who is with the exploration department of the Kennecott Copper Corp. has changed his residence to 1107 San Pasqual St., Pasadena 5, Calif.

LINDSAY, CHARLES A., '35, is production manager for the Los Angeles Division of the Stauffer Chemical Co., and lives at 533 Via Mewia Palos Verdes Estates, California.

VAUGHAN, K. C., '37, is Production Superintendent for the Union Oil Co. of California. He should be addressed in care of the company P.O. Box 1365, Orcutt, California.

BENDER, FREDERICK NOAH, '48, is metallurgist for the Bureau of Mines, Tucson, Ariz.

ELIZONDO, JOSEPH, B., '48, is assistant geologist for the Cerro de Pasco Copper Corp., at Cerro de Pasco, Peru, S.A.

SCHUELER, DORNER, T., JR., '48, sent in a change of address. It's now 1155 Colusa Avenue, Berkeley 7, Calif. He is acting as chief engineer for Industrial Mineral & Chemical Co. in Berkeley.

ZETA

- WARD, RICHARD B., '13 is chief construction engineer for the Bureau of Reclamation and gets mail at P.O. Box 551, Ft. Collins, Colo.
- LINSEY, ADRIAN, '17, Brig. Gen. USA, is to have command of the 98th Inf. Div. Home will continue to be at 2239 Mass. Ave. Lawrence, Kansas.
- SAUNDERS, S. GORDON, '22, lives in Bloomfield Hills, Michigan on Orchard Road.
- NICHOLS, RALPH W., '26, is sales manager of the Richmond Engineering Co., 7th & Hospital Streets, Richmond, Va.
- KENTNER, CARROLL D., '28, has a new home address, Hunters Lane, Medford Lakes, New Jersey.
- PEIRCE, HERBERT KENNEDY, JR., '28, is manager of the Vaughn Uniform & Linen Co., 230 S. 6th and lives at 1101 West Tijeras, Albuquerque, New Mexico.
- BUMP, DANIEL L., '29, is with Tennessee Eastman Corp., and lives at 344 Sewanee Ave., Kingsport, Tenn.
- CLUTZ, CHARLES W., '32, lives at 555 Sagamore Drive, Rochester, N.Y.
- MAGRUDER, S. HENRY, '33, wants his mail sent to 455 Main Street, Wobram, Mass.
- BOREL, PAUL ARNOLD, '34, is a special engineer with the State Dept. in Washington, D.C., and lives at 101 N. Granada, Arlington, Va.
- KOELZER, VICTOR A., '37, with the U.S. Bureau of Reclamation has left Washington and is back in Denver, Colorado, where he lives at 746 Gaylord St.
- THUDIUM, FREDERICK A., JR., '38, lives at 3054 Union St., San Diego, California.
- MAGRUDER, HUGO W., '39, lives at 2417 San Felipe Road, Houston 19, Texas.
- THOMEN, MARTIN K., '39, announces the birth of a son, John Martin, on November 25, 1948, in Fort Worth, Texas, where they live at 1309 Smilax.
- BAER, CHARLES J., '41, reported the birth of a daughter on August 25, 1948. The family home is at 11 Westwood, Lawrence, Kansas.
- DOUCE, WILLIAM C., '41, tells of the birth of William Clark Jr. on January 21, 1949, in Bartlesville, Oklahoma, where Senior is employed by the Phillips Petroleum Co.
- DOMINGO, FRANCIS, '42, and Miss Eurline Keller were married on September 25, 1948. He is with the State Highway Commission and they live at 1801 Webster, Topeka, Kansas.
- GARDNER, K. E., '42, asks that mail be sent to 3152 N. Humboldt, Milwaukee, Wisconsin.
- DEAN, GERNARD D., '43, Lt. USA, is at the Signal Corps Engineering Laboratory, Ft. Monmouth, New Jersey.
- GARDNER, KENNETH EDSON, '46, ex Phi, is with Phillips Petroleum Co. in Milwaukee, and lives at 3152 North Humboldt, Milwaukee, Wis.
- GUY, LAWRENCE DUNKIN, '47, is testing engineer with the N.A.C.A., Langley Field, Virginia. The family home is at 107A Barksdale Road, Hampton, Virginia.
- NELSON, H. LEE, '47, has a new mailing address at 1968 Lime Ave., Long Beach, Calif.
- BORENE, MORRIS E., '48, wants mail sent to 3735 Paseo, Kansas City, Mo.
- MEREDITH, ROBERT A., '48, is working for the Water Engineering Department, City of San Diego. His address is P.O. Box 2403, San Diego 12, California.
- SOMMERS, CLAIR L., '48, and Miss Dorothy Marie Crosslin were married on November 25, 1948. They are living at 605A N. Weatherly, Borger, Texas, where Clair is with the Phillips Petroleum Co.

ETA

- OSBORNE, ERNEST LESLIE, '14, Col. USA, has remained in the army and is in the office of the Army Controller, Office of Chief of Staff in Washington, D.C., and lives at 3130 Wisconsin Ave., NW Washington.
- BARRY, E. H., '16, of Stone & Webster, returned from Turkey recently where he had been surveying their power resources.
- BRYANT, FREDERICK COPELAND, '16, is president of Bryant & Heffernan, 80 Broad St., New York, and lives at 16 Wood End Lane, Bronxville, N.Y.
- INGLE, JOHN BYRON, '16, was engineer for Crude Rubber Div. of the Goodyear Tire & Rubber Co., but is now retired and farming. His address is P.O. Box 501, Escondido, Calif.
- STRIKLING, SIMPSON R., '17, Col. USA is in Manila, P.I. as a member of the joint United States Military Advisory Group.
- KAYSER, WENDELL, '18, is a civilian again but is still on the same job for the Chemical Warfare Division and making his headquarters at Camp Detrick, Frederick, Md. His present work takes him practically around the world.
- FISKE, DAVID, '20, is now living in Croton on Hudson, New York.
- JAKOBSON, IRVING '21, is President and General Mgr. of the Jakobson Shipyard Inc., Oyster Bay, New York.
- BLACKALL, FRED, '22, has been elected a director of the New York, New Haven & Hartford Ry.

BROKAW, CHARLES EDMUND, '22, is regional director U.S. Dept. of Commerce, Boston Bldg., Denver, Colo. and lives at 970 Penn St., Denver, Colo.

MELCHER, JOHN CASPER, '28, is field engineer for Leeds & Northrop, 31 St. James Ave., Boston, Mass., and lives at 46 Washburn, Welsley, Boston, Mass.

THETA

BRINKERHOFF, C. M. '25, has been appointed General Manager of the Chile Exploration Co., Chuquicamata, Chile, S.A.

GUEDALIA, JULES A., '25, can be reached at Florasota Gardens, Sarasota, Florida.

WILKENS, GEORGE A., '31, wants mail sent to him at 500 Alma Terrace, Teaneck, N.Y.

DITTRICH, WALTER H., '36, lives at 91 Donbray Road, Springfield 9, Massachusetts.

GOULD, IRVINE P., '36, is a civil engineer with the Port of New York Authority, and lives at 511 West 232nd St., New York City.

RISLER, CLARK B., '37, has changed his address to 7440 Irvine Ave., Pittsburgh 18, Pa.

HOFFMAN, WILLIAM J., '39, now lives at 1287 Florence Ave., Plainfield, New Jersey.

GUERNSEY, ROSCOE, '40, and Helen M. Pittman were married in June in Austin, Texas, where is he assistant professor of engineering mechanics at the University of Texas.

MAACK, WALTER F. W., '40, is a mechanical engineer with E. I. Du Pont de Nemours, Penns Grove, New Jersey. Home is at 26 Delaware Avenue, Carnys Point, N. J.

DYER, ROBERT H., '41, has a new home address at 1504 Lockwood Road, Baltimore 18, Md.

HAYES, SELDEN C., '41, is an observer in the metallurgy department, Bethlehem Steel Co., Sparrows Point, Maryland, and lives at 3124 West North Ave., Baltimore 16, Md.

PERSSON, JOHN A., '42, wants his mail sent to 1394 Sheridan Drive, Kenmore 17, New York.

VAN METRE, RUSSELL G., '42, wants mail sent to 8315 Wayfare Drive, Cincinnati 15, Ohio.

MLADINOV, JOHN KREMLIN, '43, is with the

Washington State Highway Department in Olympia, Wash., home is at 2212 N. Proctor St., Tacoma, Wash.

PIETRANTONI, MANUEL A., '43, gives his mailing address as 281 San Rafael St., Stop 25, Santurce, Puerto Rico.

RORAS, JAMES K., '43, is an instructor in metallurgy at the School of Mines, Columbia University.

STERNBERG, RALPH R., '43, should be addressed at 2033 McKinley St., Philadelphia 24, Pa.

MACLAREN, DONALD, '45, and Jean Marie de Santo of New York were married on August 14, 1948. He is with the Standard Oil Development Co. in Elizabeth, New Jersey.

COLEMAN, HENRY S., '46, should be addressed at 214 Hamilton Hall, Columbia University, New York 27, N.Y.

DOBEL, HOWARD F., '46, lives at 60-60 Palmetto St. Ridgewood, Queens, New York.

FRITTS, HARRY W., '46, can be addressed at the Aluminum Club, Freeport Road, New Kensington, Pa.

HOLTE, FREDERICK G., '46, should be addressed at 788 Brickyard Ave., Staten Island, N.Y.

REID, EDWARD PATRICK, '46, wants mail sent to 16 Swan St., Schenectady, N.Y.

FERGUSON, JAMES E., '47, lives at 115 Azalea Road, Levittown, Hicksville, Long Island, N.Y.

GLICK, WILLIAM HOWER, '48, lives at 41-60 Bowne St., Flushing, N.Y.

TILLINGHAST, JOHN A., '48, and Mabel Healy of White Plains, N. Y. were married on Sept. 11, 1948.

WINCH, ALLEN R., '48, can be reached at 6 Alden Place, Bronxville, N.Y.

IOTA

TRIEFFENBACH, GEORGE L., '16, is with the U. S. Engineers in the Upper Mississippi Valley Division. His home address is 8968 Mayfield Ct., Jennings, 21, Missouri.

NOLTE, W. J., '20, is the division manager of exploration with the Stanolind Oil and Gas Co. You can write him at P. O. Box 1410, Fort Worth, Texas.

FIEDLER, JOHN R., '21, is the district traffic engineer with the Illinois State Highway Department. His home address is 315 Grawford, Effingham, Illinois.

STROUP, R. L. '21, is a mine engineer for the Eagle Picher Mining and Smelting Co. at Cardin, Oklahoma.

SHORE, HAROLD F., '22, is working for the Independent Exploration Co. His address is 901 Esperson Bldg., Houston, Texas.

WEIR, THOMAS G., '22, is the North West Representative of the Joy Mfg. Co. His address is 3410 1st Ave., South, Seattle, Washington.

WHEELER, E. S., '22, is a superintendent with the Climax Molybdenum Co. of Langlosh, Pennsylvania.

STUART, SAM H., '23, is in our town of Rolla with the U. S. Geological Survey as a Topographic engineer. He can be reached through Box 133, Rolla, Missouri.

ZOLLER, H. E., '23, is the president of the

- Derby Oil Co. Box 1030, Wichita, Kansas.
- WEIMER, W. H. '24, is the chief engineer for the Midland Electric Coal Corp. in Farmington, Illinois. Residential address is 565 W. Losey St., Galesburg, Ill.
- FOSTER, JAMES N., '25, is a production manager for the McCabe-Powers Auto Body Co. His residence is 102 Robert Ave., Ferguson 21, Missouri.
- PASLEY, JAMES L., '25, is an assistant bridge engineer with the Missouri State Highway Dept. His address is 932 Moreau Drive, Jefferson City, Mo.
- KENNEDY, TRUMAN H., '26, is general superintendent for the National Works, National Tube Co., McKeesport, Pennsylvania.
- BAUMGARTNER, R. P., '28, is a laboratory supervisor for Westinghouse Electric Corp. in Pittsburgh, Pa. Since returning from the service with the rank of captain, he is residing at 1648 Miriam St., Pittsburgh.
- T. C. GERBER, '28 has a new address at 247 Rockglen Road, Pennwynne, Pa.
- GODAT, EDWARD ARTHUR, '29, is chief metallurgist, Minerals Engineering Co., 417 South Hill St., Los Angeles, Calif.
- MORRIS, O. W., '29, is also with Armco as a combustion engineer. His home address is 911 Edgewood Ave., Ashland, Kentucky.
- RUCKER, BOOKER HALL JR., '30, lives at 617 North Byers, Joplin, Mo.
- HUERNER, JOHN B., '31, is the area engineer for the Piraeus Area of Athens, Greece. His work is that of a civil and structural engineer and he receives his mail at the Grecian District, Corps of Engineers, 7 Themistocleous St.
- KIRKPATRICK, R. L., '31, is a research engineer in oilfield specialties. His address is 1923 Brun Ave., Houston, Texas.
- REX MONROE, '32, can now be addressed at 2020 Orange Drive, Whittier, California.
- OFFUT, J. J., '32, is the General Manager of the A. P. Green Fire Brick Co. Ltd. His address is 234 Rosemount Ave., Toronto 15, Ontario, Canada.
- DEWALD, LEE HENRY, '33, is now development engineer for the National Cylinder Gas Co. in Aurora, Illinois.
- SHRUBSALL, ARTHUR E., '33, is doing research work as a metallurgical engineer. His home address is Military Road, Lewiston, New York.
- SPRINGER, W. R., '34, is in the Sales Department of the Armco International Corp. at Middletown, Ohio.
- MURPHY, JAMES J., '35, is living at 6170 Pershing Ave., St. Louis, Mo.
- HOLTMAN, L. W., '35, is living at 123 8th St., Wood River, Ill. He is still working in the research laboratories of Shell Oil Co.
- NICKEL, ELMER J., '35, is an engineer with the McDonnell Aircraft Corp. in St. Louis.
- His home address is RR 3, Box 102, St. Louis 15, Mo.
- BREUER, WALTER F., '37, gives his present mailing address as 2422 North 16th St., Omaha 4, Nebr.
- DICKINSON, GEORGE W., '37, is a consultant working for the Mining and Industrial Co. in Denver, Colorado. His home address is 739 Humboldt St., Denver.
- LOGAN, EDWIN W., '37, is the chief electronic engineer for the Emerson Electric Mfg. Co., St. Louis Missouri. His home is at 7 Granvue Drive, Belleville, Ill.
- TAYLOR, MARSHALL W., '37, is with Kirkwood & Morgan, Inc. Box 1490, Alice, Tex.
- EVANS, JAMES D. F., '38, has left Cuba and may be addressed at 108 South Broad St., Thomasville, Georgia. He reports the birth of a son, James III in May 1948.
- LE GRAND, JESSE S., '38, is a development engineer for the Federal Telecommunications Labs. He may be reached at his home at 348 Innes Road, Wood Ridge, New Jersey.
- LIVINGSTON, ROBERT G., '39, is in the Army Corps of Engineers as a research photogrammetrist.
- BROWN, GUY, JR., '40, is the district engineer for the Bethlehem Supply Co., and receives his mail at 2109 N. E. 21st Street, Oklahoma City, Okla.
- OLCOTT, E. L., '40, has the position of metallurgist for the Navy Department Bureau of Aeronautics. His address is Room 1W66 Navy Department, Washington, D. C.
- RAKASKAS, JOE E., '40, is an Evaluation engineer for the Cities Service Oil Co. His home address is 1308 S. Delaward, Bartlesville, Oklahoma.
- BRUNE, A. W., '41, is teaching CE at Washington University, St. Louis, Mo. and lives at 3912 Pennsylvania Ave., St. Louis. We hope he has met C. J. Kippenhan, Omicron '40, who is at Washington U. also and in the ME department.
- FIELDS, ROBERT E., '41, is the district engineer for the Atlantic Refining Co. in Denver City, Texas.
- ANDERSON, W. R., '43, is associated with the Colorado Fuel and Iron Corp. in Pueblo, Colorado.
- McMATH, ROBERT P., '43, is back in the army and can be addressed as Lt. Co. C, Engr. C Bn., Ft. Lewis, Wash.
- NEUSTAEDTER, JAMES A., '43, is a mining engineer with the Alcoa Mining Co. in Suriname, South America. His address is Box 218, Paramaribo, Suriname, S. A.
- RASMUSSEN, R. K., '43, is the Plant Superintendent for the Mississippi Glass Co. in Fullerton, California.
- FELDHaus, RALPH J., '44, has the sales territory of Minnesota, North Dakota, and Western Wisconsin for the Federal Electrical

- Products Co. His mail should be sent to 2222 Emerson Avenue N., Minneapolis, Minnesota.
- KERPER, MATTHEW J., '44, is a junior research engineer with the Laclede Christy Co. His address is 2018 Victor St., St. Louis, Missouri.
- PIASECKI, RICHARD F., '44, is an engineer in the propulsion Division of the McDonnell Aircraft Corp. His address is 2849 Iowa Street, Granite City, Illinois.
- SIMONS, SANFORD L., '44, has located himself in Denver, Colorado. He is a metallurgical consulting engineer, and his address is 221 E. Maple Avenue, Denver.
- SUMMERS, ROBERT F., '44, is a research engineer with the Chrysler Corp. His home address is 13220 Woodward, Highland Park 3, Michigan.
- WYGANT, KENNETH N., '44, has recently transferred from Division One Specification Engineering Group to the General Office Plant Costs Group at the New York plant of A. T. and T. He holds the position of staff assistant and wishes his mail sent to 213-06 85th Road, Bellerose Manor 6, Long Island, N. Y.
- CARLTON, PAUL F., '45, resides at 137 Girard Place, Kirkwood, Missouri. He is with the U. S. Engineers as a Soils engineer.
- FINLEY, CARL E., '45, is employed by the Frank Horton Co. as an electrical engineer. He may be reached at his home at 506 W. Tenth in Lamar, Missouri.
- PAUTLER, ROBERT E., '45, is presently employed by A. T. and T. at Kansas City, but would prefer to have his mail sent to his home at 403 S. Oak, Union, Missouri.
- GOODWIN, REG E., '46, is a Petroleum Geologist with the Stannolind Oil and Gas Co. in Midland, Texas.
- KASTEN, RAYMOND O., '46, holds the title of assistant technical director for the Union Wire Rope Corp. His work address is 21st and Manchester, Kansas City 3, Mo.
- SNIDER, JIM W., '46, is a geologist with the Amerda Petroleum Corp. His address is Box 305, Monument, New Mexico.
- SPARLIN, BERNARD J., '46, is a high voltage lab engineer for Westinghouse Electric Corp. His address is 7940 Susquehanna Avenue, Pittsburgh, Pa.
- GOODWIN, WILLIAM J., '47, is a research metallurgist for the Union Carbide and Carbon Research Labs, in Niagara Falls, New York. His home is 131 Wallace Drive, Grand Island, N. Y.
- MILLER, GEORGE J., '47, was able to attend the regional meeting at Salt Lake City at the Lambda chapter last April. He is working as a junior metallurgist for the Homestake Mining Co. Mail should be sent to P.O. Box 604, Lead, South Dakota.
- SNOWDEN, JAMES R., '47, is an instructor in engineering mechanics at the University of Illinois.
- BISHOP, W. W., '48, is undergoing the test program of General Electric Co. He is living at 107 Humphrey, Marblehead, Massachusetts.
- BROWNING, CHARLES M., '48, is working for the Stanolind Oil Co. as a computer in geophysical exploration. His address is P.O. Box 290, Plainview, Texas.
- HEPP, JOSEPH T., '48, is working for Wagner Electric Corp. in St. Louis. His home address is 212 Avery Drive, Kirkwood, Missouri.
- LINDQUIST, ELMO G., '48, is a general superintendent with the Ford, Bacon, and Davis Construction Co.
- PICKETT, RAY, '48, is working as a sales engineer for the Marsh Steel Corp. in Kansas City, Missouri. He was back to see all his old friends last St. Pat's, and wishes to hear from the others at his home address at 6807 E. 13th, Kansas City.

KAPPA

- MACHAMER, JEROME ELLIS, '22, is vice President of the Oliver Iron Mining Co., Wolvin Bldg., Duluth, Minn., and lives at 131 Hawthorne Road, Duluth.
- MERZ, RUSSELL A., '22, has been made manager of operations of the Cerro de Pasco Copper Corp. La Oroya, Peru, S.A.
- TRISSAL, JOHN MERIDETH, '23, is superintendent of communications Illinois Central System in Chicago, and lives there at 8454 South Dante.
- BRAUN, CARL CONRAD, '28, architectural engineer, has offices at 80 West 40th St., New York City.
- LEUTWILER, LESTER GLEN, '29, is assistant production manager of the Pet Milk Co., Arcade Bldg., St. Louis, Mo., and lives at 20 Lindworth Lane, Webster Groves, Mo.
- LEUTWILER, RICHARD WALTER JR., '36, is assist. prof. of mechanical engineering at the University of Wisconsin and lives at 1513 University Ave., Madison 6, Wis.
- STEWART E. FRISBIE, '38, and Miss Ila Jane Amment, were married in Danville, Illinois, on September 18, 1948.

LAMBDA

HARMS, HERMAN, JR., '36, gives his address as 4587 South 23rd Street, Salt Lake City 7, Utah.

MCNEILLY, VANCE HILL, '38, is Assistant in the Engineering Experiment Station, Purdue University, West Lafayette, Ind. and lives at 706 North Chauncey Ave., West Lafayette, Ind.

SUMSION, H. T., '38, lives at 525 Elizabeth St., Salt Lake City 2, Utah.

KNIGHT, JOHN JOSEPH, '43, is design engineer, General Chemical Co. Box 98, El Segundo, Calif., and lives at 1029 S. Flower St., Inglewood, Calif.

OHLAD, SHERMAN R., '45, asks that his GEARS be sent to 305 Beverly Place, Munster, Indiana.

BIRK, JACK NELSON, '47, is Junior Engineer, Geneva Steel Co. at Columbia, Utah.

HINCKLEY, KING, '47, asks that his mail be sent to 6733 Kelly Street, Pittsburgh 8, Pa.

FURNER, BLAIR OBERG, '48, has his home at 1516 Marshall Ave., Richland, Wash.

WRATHALL, JAMES LEISHMAN, '48, can be addressed at Grantsville, Utah.

MU

BOOTH, CHARLES F., '21, is senior research chemist for the Monsanto Chemical Co., Dayton, Ohio, and the family home is at 406 East Drive, Dayton 9, Ohio.

COULBOURN, E. R., '23, chief electrical engineer for the Alabama Power Co. is located in Birmingham 2, Ala. Home is at 2427 Fairway Drive.

ROBINSON, W. LEWIS, '30, lives at 415 Goodwin Ave., Aniston, Ala. and is doing research work for Mosanto Chemicals there.

QUACKENBUSH, A. D., Jr., '33, gets his mail at 1125 Sherman Ave., Plainfield, New Jersey.

NORMAN, JAMES, '35, can be addressed at P.O. Box 96, Homewood, Birmingham 9, Alabama.

COOKE, PAUL R., '38, employed by International Business Machines Corp. as a designer, lives at 83 South Hamilton St., Poughkeepsie, N. Y.

MORGAN, PATRICK N., '39, covers a large territory for the Combustion Engineering Co., Inc. but mail should be sent to P.O. Box 1749, Chattanooga, Tenn.

SUTE, WILLIAM T., '40, design engineer for the Chicago Bridge & Iron Co. lives at 7421 Sparta Ave., Birmingham, Ala.

HOENER, RICHARD F., '40, and family live at 427 Talbott Drive, Dayton 9, Ohio. He has been with the War Department a number of years stationed at Wright Field.

MOONEY, JOHN J., '41, gets his mail at 54 Orchard Road, Windsor, Conn.

DWEYER, JAMES J., '42, is working as an industrial engineer in the Chemical Corps, Dept. of the Army, Washington, D. C. and lives at 1124 16th St., NE, Washington 2, D. C.

HEATON, ROY GORDON, '42, and Juanita Mae Watson, were married on October 29, 1948, at the Appleton Chapel, Harvard Chapel, Harvard Yard in Cambridge, Mass. He is with the Laboratory of Electronics

Inc. in Boston and the home address is now 41 Cypress St., Brookline, Mass.

LEAR, W. ED. '42, is doing graduate work at Leland Stanford University in Palo Alto, California, and can be addressed there.

PICKENS, CECIL R., '42, is located in Atlanta with the Wire & Cable Division of the U. S. Rubber Co., and the family home is at 109 S. Blount St., East Point, Georgia.

DAILEY, GEORGE E., JR., '43, should be addressed at 2530 Park Lane Court North, Apt. C, Birmingham, Ala.

ELLIOTT, JAMES W., '43, is engineer for the DeBardleben Coal Corp. at Sipsey, Ala.

LEROY, J. RUSSELL, '43, with the Shell Chemical Co. in Houston, Texas, makes his home there at 1707 Bolsover, Houston 5, Texas.

READY, JOSEPH AUGUSTINE, '43, is doing research work with the Cornell Aeronautical Lab., 4455 Genesee, Buffalo 5, New York, and lives at 100 Catherine St., Williamsville, N. Y.

WISNESKI, PETER M., '43, is chief chemist for the Holton Corp. in Mobile, Ala. The family home is at 364 Greenwood Lane, Spring Hill, Ala.

ALLEN, GLEN L., JR., '44, Lt. USA is stationed at Ft. Lewis, Wash.

McFARLAND, FRED S., '44, is field engineer for the Alabama Power Co. and while he is in Mobile at present, mail should be sent c/o Construction Dept. Alabama Power Co., Birmingham, Ala.

BLANCHAK, AMBROSE F., '46, is aerodynamicist for North American Aircraft and lives in Reboza Beach, California. It is reported that he was married in September 1948.

CROCKETT, DAVID W., '46, lives at Route #1, Stepaney, Conn. He married the former Sue Hodges. He is employed by the Chance-Vought Corp. in Hartford.

HEDDERICH, FRANK C., JR., '46, should be

addressed at 726 Evergreen Ave., Brooklyn 7, New York.

GREENLEA, PAUL C., '47, is employed by Chance-Vought Aircraft and now lives at 603 Duncanville Ave., Dallas 11, Texas.

MOORE, JAMES H., '47, and family lives at 510 Turrentine Ave., Gadsden, Ala. where he is in the employ of the Alabama Power Co.

McKENZIE, ROBERT WARD, '48, is working for Clark Mills in Jackson, Alabama, doing

research and machinery designing. Mail should be sent to Box 341, Jackson, Ala.

McKENZIE, JOHN THOMAS, '48, the other twin, is with the Alabama Power Co. in Mobile, and mail should be sent to 3260 Old Shell Road, Spring Hill, Alabama.

WALLACE, MARVIN, '48, is in the construction section of the Phillips Petroleum Co. and lives at 1025 Jennings Ave., Bartlesville, Okla.

NU

DANIELS, JOHN M., Honorary, Past Grand Regent, was awarded the honorary degree of doctor of education by Duquesne University at its summer Commencement in 1948. He is Chairman of Admissions at Carnegie Institute of Technology.

DAVIS, PAUL WESLEY, '28, is chief engineer engineer, Rust Engineering Co., Clark Bldg., Pittsburgh, Pa. and lives at 508 East End Ave., Pittsburgh.

EVANS, HENRY PRITCHARD, '32, who is an engineer with the C. F. Braun Co., 1000 South Fremont St., Alhambra, Calif., lives there at 1722 West Ramona.

O'BRIEN, JOHN T., '42, is employed by Heyl and Patterson, Inc., Contracting Engineers, 55 Water Street, Pgh 22, Pennsylvania. He was married to Miss Patricia Neilan of Somerset, Pa. in April, 1948. They are now living at 710 East Beau St., Washington, Pa.

MORRISON, HOWARD P., '48, can be addressed at 10515 Ewell Ave., Kensington, Maryland.

SEWARD, JOHN EMRIE, '48, is with the Wisconsin Steel Co. in Chicago as a metallurgist. He lives at 3039 East 91st St. Chicago 17, Ill.

XI

BENTLEY, CURTIS KEITH, '48, is with the Gardner Denver Co., Export Division, 233 Broadway, New York, N. Y.

WILSON, IVAN L., '48, gives his address as 2929 N.W. 43rd, Oklahoma City, Okla.

OMICRON

ANDERSON, RAYMOND M., '24, lives at 326 E. Jefferson, Washington, Iowa.

STANLEY, MAX, '26, is serving as president of the Iowa Engineering Society.

FOLWELL, JOHN H., '27, is superintendent of the Chemical Plant of the Eastman Kodak Co., Rochester 4, N. Y. He lives at 207 Bonnie Brae Ave., Rochester.

WICKHAM, HAROLD E., '34, lives at 325 University, Waxahachie, Texas, where he is manager of the S. W. Division of the Tyler Fixture Corp.

McCLINTOCK, JAMES P., '35, 311 W. Riverglan Drive, Worthington, Ohio, is vice president of the Sunray Stove Co. of Delaware, Ohio.

SOGGEE, OLIN D., '36, is Mechanical Engineer for Albertson & Co., Inc., Sioux City, Iowa. He lives at 1221 S. Glass St., Sioux City.

TOPINKA, ADOLPH C., '36, is a chemical engineer for Penick & Ford Lt., Inc., of Cedar Rapids.

McFATE, HARVEY A., '48, is with the Grain Processing Corp. at Muscatine, Iowa.

SMITH, JACK M., '48, is working for the Peoples' Gas, Light, and Coke Co., 122 South Michigan Avenue, Chicago, Illinois.

THORSON, PHILLIP J., '48, is in the employ of Reynolds Aluminum Co., Chicago. His address is 11 N. Grant St., Hinsdale, Illinois.

COCAYNE, ROBERT W., '49, since graduating in February is working for the United Light & Railway Co., 206 Second St. East, Davenport, Iowa.

NEWTON, ROBERT C., '49, was married after graduation. He is in Vicksburg with the Illinois Central Railroad and can be addressed at 3008½ Washington St., Vicksburg, Miss.

OVERBY, GEORGE S., '49, is working in the Department of Soil Conservation, San Carlos, Arizona.

PI

- HOLLAND, EDWIN T., '26, gets his mail at P. O. Box 6, Arlington, Va.
- VIA, WARREN W., '29, gives his address as Apt. 23, Bldg. 6, Baracraft Apts., 1311 S. Thomas St., Arlington, Va.
- DUNNINGTON, WILLIAM, '33, is power engineer for E. I. Dupont in Wilmington, Del. and lives at 2622 W. 18th St. Wilmington 47, Del.
- PALMER, AUBRY E., '34, is Assistant Professor of Civil Engineering, College of Engineering Duke University, Durham, N. C.
- COPPER, ROBERT G., '36, with Froebing & Robertson Inc., Inspection Engineers, lives at 218 South Boulevard, Richmond, Va.
- EDWARDS, HOWARD BERRYMAN, '36, is with the National Advisory Comm. for Aeronautics at Langley Field, Va., but mail should be addressed to P. O. Box 237, Hampton, Va. He announces the birth of Howard Berryman Jr. on November 30, 1948.
- GILCRIST, BARTH JOHN, '36, is New York Representative for Gustin Bacon Mfg. Co., 230 Park Ave., New York City, and lives at Apt. 2701, 320 East 42nd St., New York City.
- COWGILL, W. P., '37, is technical salesman for Shell Chemical Corp., 500 5th Ave., New York. His home is at 9 Mill St., Vinetown, New Jersey.
- FERRER, PETER, '38, is a member of the Chesapeake & Ohio Bridge Design Dept. and lives at 4323 Fauquier Ave., Richmond, Va.
- BACHE, WILLIAM HUGH, '39, is mechanical engineer for Crawford Sprinkler Supply Co., Box 28, East Point, Georgia, and lives at 1108 Candler Road, Atlanta, Ga.
- MASON, EDWARD V., '39, is with the sales division of the Electric Motor Repair Co., in Richmond, Va.
- MUSE, THOMAS CALVERT, '39, is with the Aerodynamics Section, Preliminary Design Division, Douglas Aircraft Co. El Segundo, Calif.
- WILLIS, OGDEN EDWARDS, '39, is a Jr. Mech. Engr. E. I. Dupont de Nemours Co. Belle, West Virginia, and lives in Coalburg, West Va.
- BALL, PHILIP STUART, '40, reports the birth of Catherine Lee on October 2, 1948. The family home is at 1503 West 91st St.
- CALDWELL, EUGENE CRAIGHEAD, '40, is plant engineer for the Wortendyke Mfg. Co., Richmond 13, Va., and gives his mailing address as Foot of 13th St. Richmond.
- SIMPSON, JOHN P., '40, Lt. Comdr. CEC, USNR, has been appointed commanding officer of the new Seabee Reserve Unit recently established in his home town of Lynchburg, Va.
- DUNNINGTON, ALDEN FRANCIS, '41, is with the Airplane Div. Curtiss Wright Corp. in Buffalo, N. Y. and lives at 744, South Tiorunda Drive, Buffalo, 11, N. Y.
- CHILDS, E. MACKALL, '41, gives his address as Box 251, R.F.D., Annapolis, Maryland. He is studying law at the University of Maryland and plans to go into Patent Law work.
- THOMAS, JEREMIAH LINDSAY, JR., '41, with DuPont, Wilmington 98, since graduation lives at 320 Delaware Ave., McDaniel Crest, Wilmington, Del.
- O'GRINCE, SYLVESTER HENRY, '42, is now assistant to Frank Hartman, (Hon. Pi) director of buildings and grounds at the University of Virginia.
- BORDEN, JAMES P., JR., '43, is mechanical engineer in the Kodak Park Works Division of the Eastman Kodak Co., in Rochester, N. Y.
- BROWN, CHARLES L., '43, has been an engineer for the American Telephone & Telegraph Co. in New York City since 1946.
- MILLIGAN, THOMAS J., '43, is development engineer in the electro-chemical department of E. I. DuPont de Nemours in Niagara Falls, N. Y.
- WOOD, WILLIAM DULANY, '43, is Bridge Engineer for the C & C Ry. and lives at 2403 Atwood Lane.
- JANSSEN, BENNO JR., '44, received his MBA in the Harvard School of Business in June 1948.
- CRIST, JOHN B., JR., '45, after three years in the army is now a civilian engineer with the War Department in Frankfurt, Germany.
- FINNEGAN, PAUL WILLIAM, JR., '47, with Eastern Airlines Operation Division, lives at 1419 Rhode Island Ave., Washington, D. C.
- HATCHER, RICHARD L., '47, is with Chase National Bank in New York City.
- MARKWOOD, WILLIAM FRANCIS, JR., '47, and Miss Mary Pamela Richardson of Canaan, Conn. were married on June 26, 1948, and are living in Chatham, N. J.
- WARNER, DOUGLAS H., '47, is a project engineer at the Baltimore Refinery of the Esso Standard Oil Co. He is also doing some instructing at nights at Johns Hopkins University.
- BATCHELOR, JAMES DEHAVEN, '48, is studying for his masters in Chemical Engineering at the University of Illinois, Urbana, Ill.
- COLE, CARTER A., '48, lives at 645 8th Ave., Prospect Park, Penn.
- PIETSCH, CHARLES FRANCIS, '48, and Miss Sarah Bishop of Charlottesville, Va., were

married on January 22, 1949. He is with Johns Manville Corp. in Richmond, Va.
SCOTT, PETE, '48, is with the Ashland Oil & Refining Co., 1016 Winchester Ave., Ash-

land, Kentucky.

SPIVER, GARLAND H., JR., '48, is at Chanute Field Air Force Base studying to be a weather forecaster for the air forces.

RHO

BIBERSTEIN, R. V., '21, is living in Burgaw, N. C.

BARBER, R. P., '24, has his home at 4210 Trenholm Road, Columbia, S. C.

BARNHARDT, C. L., '24, is now City Manager of New Bern, N. C.

RICHERT, J. C., JR., '24, now receives mail at 1310 Williamson Dr.

WOOTEN, JAMES F., '24, lives at 85 Eunice Ave., Worcester 6, Mass.

GRIFFITH, J. E., '26, lives at 2135 1/2 Magnolia Ave., Knoxville, Tenn.

LUTHER, R. W., '26, can be reached through Box 56, Elizabeth City, N. C.

STEED, BOYD C., '26, wants mail sent to 5525 Long Island Drive, Atlanta, Ga.

SUMNER, MARK, '26, is addressed at 29 Linden Ave., Asheville, N. C.

ANTHONY, JOHN A., JR., '27, lives at 519 E. Marion St., Shelby, N. C.

STUART, PAUL L., '27, wants mail sent to Box 806, Badin, N. C.

WOOD, JOHN S., '27, should be addressed at 302 Park Ave., Beckley, West Virginia.

TURNER, FRANK B., '28, wants mail to go to Box 6165, Five Points Station, Raleigh, N. C.

BARNHARDT, M. L., '29, is addressed at 912 Main St. Phoenixville, Pa.

KOONTZ, KARL K., '29, lives at 44 Main St., Hilton Village, Newport News, Va.

PARRISH, W. C., '29, Lt. Col. USA, gets mail at Box 1159, Cincinnati 1, Ohio.

COOPER, E. M., JR., '30, makes his home in Old Hickory, Tenn.

TIGHE, W. R., '30, wants mail sent to 5-c Garden Apts., Stoney Run Lane, Baltimore 10, Md.

BARNES, '31, lives at 2525 Westmoreland Ave., Charlotte, N. C.

HARTMAN, HORACE H., '31, can be addressed at 1205 Cowper Drive, Raleigh, N. C.

HODGES, T. L., '32, wants mail sent to Box 1108, Baton Rouge, La.

HOUSE, DANIEL M., '33, has offices in Room 506, Washington Bldg., Louisville, Ky.

PLEASANTS, JOE L., '33, lives at 2512 Belvedere, Charlotte, N. C.

ROYAL, J. A., '33, lives at 231 49th St., Newport News, Va.

BOYD, WILLIAM, '34, wants mail sent to his home Merrie Road, Lewistown, New York.

MORGAN, HUBERT LEE, '38, is taking graduate work at Stanford and acting as student

teacher. Home is at 850 College, Palo Alto, Cal.

TERRELL, WILLIAM S., III, '38, Major USA, lives at 706 West Chestnut St., Junction City, Kansas.

LASLEY, JAMES B., '39, gets mail via Route 4, Lancaster, So. Car.

HAYWORTH, M. S., '39, gives his address as 828 West Haven Blvd., Rocky Mount, N. C.

FOX, HARRISON WILLIAM, '41, is a construction engineer and partner in Fox & Fox, St. Petersburg, Florida, and lives at 2620 8th Ave., N. St. Petersburg.

HALSTED, BRUCE C., '41, has his home at 2002 Hillside Ave., N. Rollingwood, Richmond, Virginia.

LEFLER, H. B., '41, lives at 47 Club Road, Fairgreen Acres, Hagerstown, Md.

THOMAS, JERRY L., JR., '41, gives his address as 520 Delaware Avenue, McDaniel Crest, Wilmington, Delaware. A second son, W. Stephen Lee, was born December 17, 1948.

CEINE, WILLIAM E., '42, lives at 921 Woodward Drive, Charleston 2, West Virginia.

GRAY, THOMAS L., '42, can be addressed at 4044 Avalon Ave., Charlotte, N. C.

STURKEY, JAMES MILTON, '42, sends in a new address as 165-13 25th Ave., NE Seattle 55, Wash.

WILLIAMS, LONNIE C., JR., '42, can be addressed at Route 1, Box 198, Salisbury, N. C.

AUSMAN, ROBERT PAUL, '43, can be addressed at 17 Church St., Phoenix, New York.

BRIGGS, THOMAS LEACH, '43, is assistant engineer on turbines aircraft division of Pratt & Whitney, 400 S. Main, East Hartford, Conn., and lives at 95 West Middle Turnpike, Manchester, Conn.

HUMPHREYS, HAROLD W., '43, expects to receive a Master's in Mechanics & Hydraulics from the State University of Iowa in August, 1949.

HEFFERNAN, JAMES A., '44, lives at 714 Reservoir St., Baltimore 17, Md.

STEEL, CLARENCE NINIAN, '44, gives his mailing address as P. O. Box 191, Statesville, N. C. but lives at 612 S. Mulberry St.

URASH, ROBERT, '44, gets mail at Box 300, Bismark, N. D.

MONROE, JAMES M., '46, can be addressed at 2972 S. Logan St., Milwaukee 6, Wis.

CHESTNUTT, HENRY F., '47, is at the Union Theological Seminary, Richmond 20, Va.
 DILLON, C. A., Jr., '47, wants his mail sent to 1603 Hillsboro St., Raleigh, N. C.
 GILMORE, HENRY, JR., '47, is living at 78 Pilgrim Ave., Fairhaven, Mass.
 RICH, MARSHALL M., '47, gives his home address as 106 W. Aycock St., Raleigh,

N. C. He is at Yale for a year on a fellowship award.
 WOODALL, W. L., '47, wants mail sent to Box A-2, Carter Fabrics Corp., Greensboro, N. C.
 BERRIER, JOE H., '48, is living in Lexington, N. C.
 PATTERSON, R. B., JR., '48, lives at 15 Hampton Heights, Canton, N. C.

SIGMA

O'ROARK, JAMES D., '26, announces the birth of a third child, a daughter, on June 13, 1948. He is electrical superintendent for the Weirton Steel Co., Weirton, West Virginia, and resides in Hollidays Cove, West Virginia.
 PETRIE, EARL C., '29, is with North American Refractories in Cleveland, Ohio, National City Bldg. Home is at 911 Yellowstone, Cleveland.
 SCHOFIELD, H. ZANE, '29, is at Battelle

Memorial Institute in Columbus, Ohio, 505 King St., home is at 894 Chambes St., Columbus.
 WILKINS, DALE L., '46, and Miss Thelma H. Samples were married in April 1948 in Akron, Ohio. They are at home in Columbus, Ohio, 394 E. Tulane Road.
 KREBS, DONALD E., '48, and Miss Lois B. Richey were married in Columbus, Ohio, on October 16, 1948. They are now living in Dearborn, Michigan.

TAU

HALL, THEODORE P., '27, is chief engineer at Cons. Vultee Aircraft in San Diego, Calif.
 MACALPINE, WILLIAM M., '27, lives in Somerville, New Jersey.
 BLESIE, MORRELL, '28, wants mail sent to Rosendale Road, R.D. #1, Schenectady, New York.
 DEYOE, GEORGE, JR., '29, can be addressed at 200 Melcher St., Johnstown, New York.
 SOBIERALSKI, V. RALPH, '31, Lt. U. S. Coast & Geodetic Survey, has been engaged in work along the Arctic Coast of Alaska. Mail will reach him care of the Survey at 400 Insurance Bldg., Seattle 4, Wash.
 HANNUM, EDWIN C., '32, tells of a son, Harcourt, born May 8, 1948, in Portland, Ore., where Erwin is a special planning adviser for the Monneville Power Administration.
 PEARSON, JOHN, '33, is an engineer with the Link Aviation, Inc., Syracuse, N. Y.
 WOOD, HAROLD R., '33, is an engineer with International Business Machines and the family home is in Endicott, N. Y.
 DURWACHTER, EDWARD J., '34, lives at 1014 Baldwin St., Williamsport, Pa.
 JERRY, JAMES J., '34, wants his mail sent to Box 3265, Charlotte, North Carolina.
 CLAYTON, MANFRED, '40, is an instructor in electrical engineering at the University of Connecticut, Storrs, Conn.
 BRIDGE, LINDSEY A., '41, and Miss Jeanette

R. Britton, were married on June 26, 1948. They are at home at 1017 E. Adams St., Syracuse, N. Y.
 BREED, RICHARD S., '42, is field engineer for the Gates Rubber Co. and lives at 12 Edge Water Apts., Baltimore, Md.
 ROLAND, JOHN J., '42, asks that his mail be sent to Box 907, Narrows, Virginia.
 BRENNER, JULIUS A., '43, is with the Solvay Process Co., in Syracuse, N. Y.
 BRITTON, PAUL A., '43, and Miss Marilyn Durkee were married recently. The home address is R.D., Marietta, New York.
 SGRIST, SEBASTIAN '43, is a mechanical engineer with the Standard Oil Co. in Venezuela, S. A.
 CANFIELD, EUGENE B., '46, and Miss Virginia Hall were married on July 24, 1948, in Scotia, New York. He is an electrical engineer with General Electric Co. in Schenectady, N. Y.
 BELL, VERN C., '47, announces the birth of a son, Roger Hunt, April 12, '48.
 CARSON, ROBERT G., '47, asks that mail be sent to him at 56 Norris Ave., Lancaster, N. Y.
 CULVER, HAROLD T., '48, is an electrolytic engineer with Aluminum Co. of America, at Massena, New York.
 HOAG, DANIEL, '48, is a graduate assistant in the department of chemical engineering, Syracuse University, Syracuse, N. Y.

UPSILON

- BISSETT, JAMES ROBERT, Honorary, is associate professor of Civil Engineering at the University of Arkansas, and lives at 817 N. Highland Ave., Fayetteville, Ark.
- BOWMAN, ROBERT A., '29, is manager of the condenser engineering department, Westinghouse Electric Corp., South Philadelphia, Pa. Home is at 1113 Lindale Ave., Drexel Hill, Pa.
- CAMP, CECIL SIDNEY, '29, is director of the school of hydraulic engineering at La. State University in Baton Rouge, La. and lives at 825 Hiner Drive, Baton Rouge.
- FONDREN, JAMES P., '30, lives at 9301 First Ave., Silver Springs, Md.
- GORDEN, MADISON, '31, Comdr. CEC, USN, is in room 2710 Arlington Annex, Navy Dept., Washington 25, D. C.
- HYDE, JOE L., '31, is with U. S. Engineers in Memphis, Tenn. and lives at 1355 Linden Ave., Memphis, Tenn.
- DIFFEY, ALEXANDER A., '32, is Operations Manager of the New England Division of Standard Oil Co. of New Jersey. His home is at 35 Laurel Drive, Needham, Mass.
- MAY, G. W., '32, BSBA is in the contracting business in Little Rock, Ark. and his home is at 5241 Edgewood Road, Little Rock, Ark.
- SOUTHARD, ROY W., '32, is the owner of the Southard Engineering Co. 301 Land Bank Bldg., Springfield, Mo.
- CARNAHAN, JOHN HUNT, '33, is a member of the engineering firm Carnahan & Thompson, 320 Okla. Nat. Bldg., Oklahoma City, Okla. and lives at 3116 NW 26th St. Oklahoma City.
- CHASE, ROBERT R., '35, is travelling process engineer for the Texas Co., and mail should be addressed c/o the Texas Co., 135 East 42nd St., New York 17, N. Y.
- LEWIS, THOMAS BURTON, '35, is electrical designer, U. S. Engineers Office, Little Rock, Arkansas. Home is 6609 Kenwood Road, Little Rock, Ark.
- MOODY, WAYNE C., '35, is field engineer for the National Supply Co. in Tulsa, Oklahoma, and lives at 5029 East 3rd St., Tulsa.
- WALLACE, V. A., '35, is now field engineer for the Portland Cement Association at Oklahoma City, Okla. His home is at 2123 E. 18th, Oklahoma City.
- KELLEY, GEORGE LARRY, '38, is a Construction Engineer with offices at 700 W. Markham, and lives at 2007 N. Cleveland, Little Rock, Arkansas.
- LANE, RILEY BURTON, JR., '38, announces the birth of a son, Riley Morgan, on January 28, 1948. Riley is with the Naval Ordnance Dept. in Washington, D. C.
- Home is at 6917 Standish Drive, Hyattsville, Md.
- LEWIS, WILLIAM AUSTIN, JR., '38, is Plant Engineer, Reynolds Metals Co., Jones Mills Plant, Malvern, Arkansas. Home is at 811 Ramble St., Hot Springs, Ark.
- MANLEY, EUGENE HAILEY, '39, is a structural designer for the Cleveland Electric Illuminating Co., Public Square, Cleveland, Ohio, and lives at 3064 Livingston Road, Cleveland 20, Ohio.
- SCHMAND, DELBERT A., '39, writes electrical specifications for the U. S. Engineers, Little Rock, Arkansas. He lives at 718 W. 4th St., Little Rock.
- HOGAN, CHARLES WAYNE, '40, is an engineer with General Electric Co. and the family home is at 1526 East St., Pittsfield, Mass.
- BAUER, THEODORE GEORGE, '41, is manager of a grain elevator, Gillett, Arkansas.
- LEWIS, FRANK WHITNEY, '41, is engineer for the Leahy Co. 7751 Lyndon St., Detroit, Mich., and lives at 14386 Coyle, Detroit, Mich.
- SHACKLEFORD, LLOYD CLARENCE, '41, is with General Electric Co. and lives at 2734 Broadway, Schenectady, N. Y.
- SMITH, FRANK K., '41, is field service engineer with Westinghouse Electric Corp., in Houston, Texas. Home is at 1724 West Main St., Houston.
- GARNER, EARL RAY, '42, is design engineer for the Bell Tel. Co. 19th Floor, 416 Seventh Ave., Pittsburgh, Pa. and lives at 429 Robinson St., Braddock, Pa.
- OLIVER, WALLACE, '42, is with the Fibreglas Corp. in Dallas, Tex. Mail can be sent to 1610 Tower Petroleum Bldg.
- RAGLAND, HARRY F., '42, is working in the Aero and Marine Engineering Division, 1 River Road, Schenectady 5, N. Y. and lives at 4 Lomasney Ave.
- RANDOLPH, JOSEPH PEYTON, JR., '42, is a graduate student at Johns Hopkins and lives at 5718 First St., N. W. Silver Springs, Md.
- SEELEY, LLOYD JACK, '42, is engineer designer for the Muskogee Iron Works, and lives at 1003 West Okmulgee Ave., Muskogee, Okla.
- WOOLSEY, LAWRENCE SHORES, '42, is with Marion L. Crist & Associates in Little Rock, Arkansas. Home is at 1706 N. Tyler St., Little Rock.
- LEGGETT, ROBERT E., '43, is doing structural engineering with the C. F. Braun Co. at Alhambra, California. His home is at Apt. B 14 East Commonwealth, Alhambra, Calif.
- RAGSDALE, JOHN GAIL, JR., '43, is a pro-

- duction engineer for the Lion Oil Co. at El Dorado, Ark.
- BROWN, JAMES O., '45, is Branch Engineer, with the National Tank Co. and has his home at 444 Fairview, Corpus Christi, Texas.
- LADUE, H. G., JR., '45, sent in his address as Room 160, Boone Hall, Oak Ridge, Tenn.
- FORD, J. LEE, '46, lives at Apt. 2, 26 South Rembert, Memphis, Tenn. He is structural engineer with Gardner & Howe in Memphis.
- NEWMAN, RUSSELL B., '46, is a project engineer, Reynolds Metal Co., Jones Mills Plant, Malvern, Arkansas. He lives at 400 Ward St., Hot Springs, Arkansas.
- PIERCE, JESSE N., JR., '46, is with Westinghouse Electric Corp in Kansas City, Mo., as sales correspondent. He lives at 721 East Armour Blvd., K.C.
- WHEELER, DAN, '46, announces the birth of a son, Dan Wayne, February 1, 1948, at Lake Charles, La.
- JOHNSON, GEORGE STANLEY, '47, has a daughter Georgetta Lee, born October 28, 1947, in Morrilton, Arkansas. He is division engineer for Ark. Fuel Oil Co.
- MEASEL, MARSHALL, '47, is with Standard Oil Co. of N.J. in Little Rock, Ark., and lives at 1708 North Jackson.
- SMITH, NATHAN, '47, is working for the Chicago, Milwaukee, St. Paul & Pacific Ry. Co. and living at 608½ South Center, Miles City, Mont.
- TOLER, RAY, '47, is with the Arkansas Power and Light Co., Pine Bluff, Arkansas, and his home address there is 2105 West 29th St.
- ALLISON, NOLAN B., '48, is with the Magnet Cover Barium Corp. and lives at 515 Dyer, Malvern, Arkansas.
- ALLMAN, S. H. JR., '48, is industrial engineer with the Texas Co. in New Orleans, La., sales division. Residence is 2443½ Gladiolus St., New Orleans 22.
- HEDGECOCK, RAYMOND HUGH, '48, is with the Union Gas Pipeline Co., Monroe, La.
- LOGAN, THOMAS R., '48, is now office manager for Allen & Hosfall Co., Memphis, Tenn., a large engineering firm in the southern states, and the family home is at 907 Echles Road, Memphis, Tenn.
- MANNING, WILLIAM B., JR., '48, is junior electrical engineer with the Southwest Gas & Electric Co. in Longview, Texas, and his home is at 109½ E. South, Longview.
- SISSONS, FRANK M. JR., '48, is a design engineer for Phillips Petroleum Co., Phillips, Texas, and get mail there at Box 33.
- BURLESON, C. J. JR., '49, we find had a new son, C. J. III as of October 29, 1947. The family home is at 528 North College, Fayetteville while C. J. Senior finishes school.
- STUTHEIT, JAMES S., '49, is now with Arkansas Power & Light Co. at Hot Springs, Arkansas. He graduated in January.

PHI

- GRAY, WILLIAM ENOCH, '23, is vice president of the Peerless Equipment Co., 332 S. Michigan Ave., Chicago 4, Ill.
- ARDUSER, HORACE WAYNE, '31, is a partner in the firm Arduser & Co., 317 South Detroit, Tulsa, Oklahoma, and lives at 1803 East 16th Place, Tulsa, Okla.
- PARSONS, LEONARD DAVID JR., '36, is engineer for the Passman Equipment Co. 114-20 Walnut St., and lives at 304 McQuire St., Monroe, La.

CHI

- HARDWICK, WILLIAM R., '35, is at Ray, Arizona, where he is in the engineering department of the Kennecott Copper Co.
- MOOS, STANLEY M., '37, has established a new company, Ponsford-Moos Equipment So., 100 Texas St., El Paso, Texas, which will sell and service mining equipment in the southwest.
- CHASE, CHARLES H., '39, wants his mail sent to Box 493, Superior, Arizona.
- ANDREAS, JACK C., '40, is with the Lewis-Allis Corp. in Milwaukee, Wisconsin. Home is at 8709 W. Cleveland Ave., Milwaukee.
- CALDWELL, EDWARD JEROME, '40, is smelter supt. for the Magma Copper Co., Jerome, Arizona.
- LOVING, JOHN C., '40, reports the birth of a son, Gary Allan on August 29, 1948. John is metallurgist at the new concentrator of Cananea Cons. Copper Co., Cananea, Sonora, Mexico.
- MCPHERSON, JOHN B., '40, is now a Colonel in the Army Air Force.
- THOMAS, WILLIAM JAMES, '40, is with Phelps Dodge Corp. at Ajo, Ariz.
- WEST, HORACE B., '42, Lt. USN, is stationed at the Naval Aid Station, Jacksonville, Fla.
- FIEDLER, F. A., '43, has moved to 3451 Virginia Road, Los Angeles 16, California.
- KOMADINA, GEORGE A., '43, gives his address as 1104½ E. Central Avenue, Miami, Okla.
- MALICK, MAURICE L., '47, is with Allis Chalmers Mfg. Co. in Milwaukee, Wisconsin.
- SPARKS, WILLIAM, '47, and family have moved

to Seattle, Wash., where he is with Westinghouse Electric Corp.

CAMPBELL, WILLIAM E., '48, is test engineer for General Electric Co. Fort Wayne, Ind.

FEL, ROBERT FLEMING, '48, is living in Wilmington, California, where he is engineer-trainee with the Union Oil Co. of Calif.

HOWE, DANIEL R., '48, lives at 6131 37th Avenue, Sacramento, Calif.

SHULL, JAMES ROBERT, '48, and Miss Patricia Ann Spencer were married in Tucson on September 5, 1948. They are living in Pasadena, Calif., where he is a graduate student and assistant instructor at California Institute of Technology.

PSI

SWEENEY, KENNETH O., '32, is the Superintendent of zinc electrolyzing for the Anaconda Reduction Works.

TRUWORTHY, EDWARD B. JR., '32, wrote the Grand Scribe that he had just returned from Greece where he helped build 100 miles of highway at the front and often under fire. At present he can be addressed at Hotel Knickerbocker, 120 West 45th St., New York City.

GIVEN, WILLIAM P., '34, has changed his address to P.O. Box 634, Casper, Wyoming.

PIRETTI, E. A., '34, is Associate Professor of Metallurgy at the University of Notre Dame.

SULLIVAN, JOHN F., '34, asks that mail be sent to 103 West Missouri Avenue, St. Joseph, Mo.

WENDELL, CLARENCE, '34, is in the office of the Under Secretary of State in Washington, D.C. The family home is at 8405 Piney Branch Road, Silver Springs, Md.

WILLS, ROLLEIN, '36, is reported to be located in Albany, Oregon, where he is with the Bureau of Mines.

DAVISON, GEORGE A., '37, who has been with South American Development Co. for about ten years, gives his mailing address as Casilla 655, Guayaquil, Ecuador, S.A.

DUYKERS, WALTER, '38, reports that he frequently sees Glenn Johnson, '36, in Potrerillos, Chile. Glenn is a mine foreman there while Walter is working with Ingersoll-Rand.

ECK, LARRY, '40, has been doing some extensive travelling for the National Lead Co., South Amboy, New Jersey. He recently returned from a trip to Norway.

MITCHELL, WILL JR., '40, who is Director of the Basic Industries Lab., Allis-Chalmers Co., Milwaukee, Wisc., visited in Montana last July. He attended the Tenth Summer Convention of the Mining Association of Montana held in historic Virginia City. Dick Matthews, '34, took an active part in putting on this convention as did Merrill Sprunger, '34. Both are working with the Easton-Pacific Co. in Virginia City.

RAMBOSEK, AUGUST, '40, married Miss Ruth O'Brien of Butte on December 27, 1948. They are living in Tyrone, New Mexico,

where Brother Rambosek is employed by the Phelps-Dodge Co.

JOHNSON, THOR., '41, Lt. Comdr., is now with the Regular Navy and presently on duty at the Naval Research Laboratory, Washington, D.C.

PRATER, THOMAS A., '41, can be addressed at the University Club, State College, Pa.

ROSTAD, ORA H., '41, is now with the Metaline Mining Co. at Metaline, Washington.

WILLSON, ROBERT R., '41, is doing graduate work at Montana State University along with being graduate assistant in the School of Education. His address is No. 3, Flathead, Missoula, Montana. He writes that he would appreciate hearing from some of his classmates.

BARKELL, CLIFFORD, '42, petroleum geologist for Shell Oil Co. can be addressed at P.O. Box 720, Casper, Wyoming.

McMAHON, JAMES H., '42, is a student instructor and working for his Ph.D. in the metallurgy department, Mass. Institute of Technology, Cambridge, Mass.

MOREEN, ROBERT L., '42, is a metallurgist with the Armour Research Foundation at the Illinois Institute of Technology, Technology Center, Chicago.

PICKARD, JOSEPH, '42, is with Ingersoll-Rand Co., 11 Broadway, New York 4, N.Y.

SEIM, H. JEROME, '42, is a graduate assistant in chemistry at the University of Wisconsin, and working towards a Ph.D. His address is 717 South Orchard, Madison 5, Wis.

McKENZIE, THOMAS M., '44, is a graduate student at Montana State College and his home address is 610 South Seventh, Bozeman, Montana.

STEVENS, EDWIN WALTER, '44, is superintendent of the Boaz Mine, Norris, Montana.

SMITH, FRANCIS MARION, '47, has left Alaska and can be addressed at Metaline Falls, Wash., where he is working as a shift boss with the Pend Oreille Mining & Milling Co.

SULLIVAN, ROBERT E., '47, left Permanente Metals, Spokane, Wash., and is now assisting research engineer at the Anaconda Reduction Works in Anaconda, Montana.

OLSON, STANLEY G., '48, is assistant to the

chief valuation engineer and his best mailing address is care of Exploration Committee, Continental Oil Co., 210 S. Lake St., Ponca City, Okla.

STERMITZ, VINTON A., '48, is with Montana-

Dakota Utilities Co., Shelby, Montana.

WELLS, C. J., '48, returned to active duty as a Captain with the U.S. Army. He had been employed as a chemist at the Anaconda Smelter for the past year.

OMEGA

SCOTT, JAMES R., '32, has moved to 1017 South 36th Street, Omaha, Nebraska.

YOUNG, A. M., '32, and his family are back in Rapid City, S.D., where he is with the South Dakota Concrete Products Co.

GROW, RICHARD, '35, announces the birth of a daughter born January 23, 1949. He is with Northwestern Bell Telephone Co. in Iowa Falls, Iowa.

SPENCER, JOSEPH C., '35, gives his address as 603 Janney's Lane, Alexandria, Virginia.

ALLEN, MAX PAUL, '37, is Junior Research Engineer, Stainless Steel Section, Armco Steel Corp. Middletown, Ohio. Home is at 1119 Kunz Ave., Middletown.

VERSAW, F. R., '37, is with the Shell Oil Co., 415 Denham Bldg., Denver, Colo.

WHITHAM, WOODROW C., '37, lives at 614N. 5th St., Savannah, Ill.

CLELAND, MAURICE L., '39, lives at 1656 Lenox Road, Schenectady, N.Y.

DAVIES, DAVID, '39, reports the birth of a daughter on October 16, 1948. He is engineer for H. H. Hackett & Sons, Inc., Rapid City, S. D.

FENNER, OTIS, '39, is geologist with the Pacific Western Oil Co. in Casper, Wyoming, and his permanent address is 311 South Center St., Casper. He announces the birth of a son, Greg Randall, born January 7, 1949.

STEVENS, J. E., '40, lives at 9606 South Troy, Evergreen Park, Ill.

ZEIDNER, HARRY, '40, is with Minneapolis-Honeywell in Philadelphia, Pa., and lives there at 6600 McCallum.

HUBBARD, ERLE J., '42, has left Baltimore and is now in charge of Labs., Foundry and Heat Treatment for the Janney Cylinder Co., 7321 State Road, Philadelphia, Pa.

SCHMID, LEONARD J., '42, receives mail at RR2, Box 607K, Indianapolis 44, Ind.

DAVIES, ARTHUR LLOYD, '43, is with the Davies Construction Co., in Aberdeen, South Dakota.

FRAME, T. E., '43, live at 1003 Upton Road, Harundale, Glenburnie, Md.

GRIFFITH, WM. A., '43, is now located at 81 Marion Street, Brookline, Mass. He is an instructor at M.I.T.

TAYLOR, RICHARD, '43, announces the birth of a daughter, Patricia Jean, born June 5, 1948. He is in the cattle business and working for Taylor Brothers, Rapid City, S.D. Rt. 2, Box 413.

WILCOX, ARNOLD, '43, is with the Dorr Co., Westport, Conn.

WINKLER, ROBERT, '43, is with a construction company in Richland, Wash., and living at 1311 W. Shoshone, Apt. A, Pasco, Wash.

KULPACA, ROBERT L., '44, is with National Lead Co. at Laredo, Texas.

ROBERTSON, DAVID G., '46, engineer for RCA in Camden, N.J., lives at 15 East Park Ave., Oaklyn, N.J.

QUINNEY, DONALD, '46, is design engineer, S.D. State Highway Dept., Pierre, S.D., and lives at 500 West Dakota Ave., Pierre.

GRIFFITH, WILLIAM A., '47, and Miss Gratia Frances Hannan of Pierre, S.D., sister of William Hannan Jr., Omega '43, were married in Trinity Church, Boston, on January 27, 1949. They will live at 81 Marion St., Brookline, Mass., while he is graduate assistant in metallurgy at M.I.T.

HECK, MARVIN R., '48, Byron H. Strandell, '48, and Helmar Udager, '48, are all with Scott Engineering Co., Midland National Life Bldg., Watertown, S.D.

HIGGINS, MICHAEL, '48, and Miss Margaret Mary Sweeney were married in Spokane, Wash., on June 19, 1948. He is with the Trane Company and the family home is at 135 South 23rd St., LaCrosse, Wisconsin.

JONES, ROBERT, '48, and family have moved to Corpus Christi, Texas, where he is with the A.S. & R. Co. zinc plant.

GAMMA BETA

MAINS, WILLIAM DONALD, '37, is chief eng. J. C. Mahoney, Inc., 21 West St., New York 6, and lives at 51-01, 39th Ave., Sunnyside, Long Island, N.Y.

WITHERSPOON, DAVID LANE, '39, is mechanical engineer for the Reynolds Metal Co., 2000 S. 9th St., Louisville, Ky., and lives in Anchorage, Ky.

DAVIS, WILLARD J., '42, gives his address as 1801 Roanake Ave., Apt. 3, Louisville 5, Kentucky.

ANDREWS, WILLIAM T., '44, asks that his mail be sent to 36 Holmes Court, Albany 2, N.Y.

CLARK, JOSEPH HARLAN JR., '46, can be addressed at 2802 N. Franklin St., Wilmington, Del.

KING, JOHN FORBES, '46, is with the sale division of Hollingworth & Whitney, 230 Park Ave., New York City, and lives at 170 Elm St., New Rochelle, New York.

CHUMLEY, JAMES FRANKLIN, '47, wants mail sent to 2807 Easton Ave., Chattanooga, Tenn.

SIEFKER, ROBERT GREGORY, '48, can be addressed at 3551 Bevis St., Cincinnati, Ohio.

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Iowa City, Iowa

Order Your Badge From Balfour Your Official Jeweler

Your badge, created by master Balfour craftsmen and set with precious jewels, is a worthy symbol of your association with Theta Tau.

Treasure your pin, not only for its intrinsic value, but for the symbolism of steadfast friendship and loyalty for which it stands.

All insignia must be ordered from Central Office.

Official badge, crown set pearl, garnet center

Sister pin, crown set pearl, garnet center

Pledge button, gold plated

Recognition button, gold plated

The 20% Federal Tax and any prevailing State Tax is in addition to insignia prices.

1949 BLUE BOOK

Featuring 48 pages of created jewelry,
gifts, leather items, paper products,
awards, glassware, etc.

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Sole Official Jeweler to Theta Tau

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