

Spring
1955

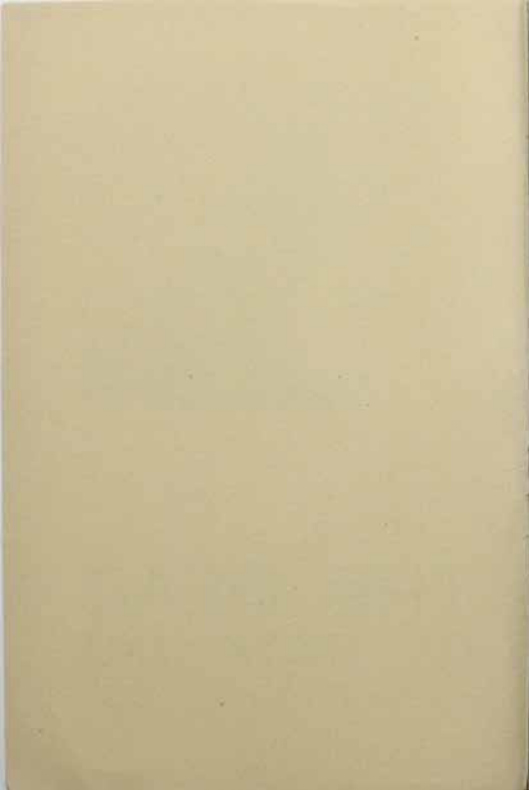


GRAND REGENT DEX HINCKLEY

THE GEAR OF THETA TAU

Volume XLIV

Number 2



The GEAR of
THETA TAU



SPRING, 1955

VOLUME XLIV

NUMBER 2

Theta Tau Fraternity

Founded at the University of Minnesota October 13, 1904

FOUNDERS

ERICH J. SCHRADER
WILLIAM M. LEWIS

ISAAC B. HANKS
ELWIN L. VINAL

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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 1, 1907* - - - Colorado School of Mines
c/o Prof. Lute J. Parkinson, 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. Walter LaPierre, Col. of Engr., Columbia University, New York City
- IOTA, *Established February 5, 1916* - - - - Missouri School of Mines
c/o Missouri School of Mines, Rolla, Mo.
- LAMBDA, *Established April 29, 1920* - - - - University of Utah
c/o Preston Linford, College of Engineering, Univ. of Utah, Salt Lake City
- MU, *Established January 3, 1922* - - - - University of Alabama
P. O. Box 2043, University Alabama
- 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
Theta Tau Box, Engineering Building, Iowa City, Iowa
- PI, *Established May 26, 1923* - - - - University of Virginia
c/o Prof. Lawrence Quarles, Col. of Engr., Univ. of Virginia, University, Va.
- 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) 1946 Indianola Avenue, Columbus, Ohio
- TAU, *Established December 12, 1925* - - - - Syracuse University
Theta Tau Fraternity, Col. of Eng., Bldg. 6, Syracuse U., Syracuse 10, N.Y.
- UPSILON, *Established April 7, 1928* - - - - University of Arkansas
(Chapter House) 612 Storrer 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, 1933* - George Washington University
Student Union Office Bldg., George Washington Univ., Washington, D. C.
- DELTA BETA, *Established May 20, 1939* - - - University of Louisville
(Chapter house) 2022 S. First St., Louisville, Ky.
- EPSILON BETA, *Established May, 19, 1951* - - - - Wayne University
c/o Prof. Harold G. Donnelly, College of Engr., Wayne Univ., Detroit, Mich.



Twentieth Biennial Convention

Left to right, Front row:

Nixon, Curtis, Daniels, Ames, Hunkley, Vawter, Voad, Lewis, Lunderback, Hopkins, Russell, Glass, Nourse, Mercer, Tibbitts.

Second row:

Jarvis, Daniels, Northack, Cresson.

_____, Kirtledge, E. Brewer, Knowles, Williams, Langhorne, Shores, Bennett, Bryant, Gardner, Marshall.

Third row:

_____, Kuzin, Pettibake, _____, Gehrman, Calver, Sponto, Maho, Reed, Hart, Korolchuk.

Fourth row:

Van Sickle, Ellaby, Girard, McBeth, Lavo, W. Brewer, Hobby, Franklin, Pope, Schaller, Campbell.

Back row:

Shuman, _____, Robinson, Brown, Dinnally, _____, Spelman, _____, Gray, Veigard.

The Founders' Golden Anniversary Convention

by Bob Pope, Z '52, Delegate*

All that remains is the memory, but that memory of the historic Founders' Golden Anniversary Convention in Minneapolis will remain always with those brothers who were privileged to attend.

Some details of this event—the shock of learning that Brother Erich Schrader would not be in attendance due to his recent hospitalization—the pleasure of meeting and talking with two of the four founders of our fraternity and with such a number of Past Grand Regents as had never before been together at one time—the Golden Anniversary Banquet and Brother Erich Schrader's speech to the Nineteenth Biennial Convention replayed as recorded—these and many more—time can never fade.

Although the convention was really Hamlet with Hamlet left out since "Mr. Theta Tau" was not there—Brother Erich Schrader was not far from the mind or heart of anyone at the convention; nor can he ever be far from the core of our fraternity.

The arrival of this delegate with the alternate from his chapter at the Hotel Dyckman from the airport on Wednesday evening was typical. The first fifty years of our fraternity has seen the development of the airplane and, significantly, the airplane was a commonly used mode of transportation of convention delegates from a long distance.

Registration by the delegates and alternates was followed by a nervous period of waiting before they had an

"opportunity" to be individually interviewed by the Credentials Committee. The usual problem of late arrivals and unclaimed rooms seemed to be particularly prevalent this time, as all actives present seemed to be on a tight time schedule due to the fact that the convention was held during a regular academic semester. Although this was the third convention to be held in Minneapolis, it was the first one ever to be held in any month other than December.

The making of acquaintances and the renewing of old ones for those who had attended these conventions before occupied the actives all the first evening while the Executive Council concerned itself with a multitude of problems associated with opening the convention the next morning.

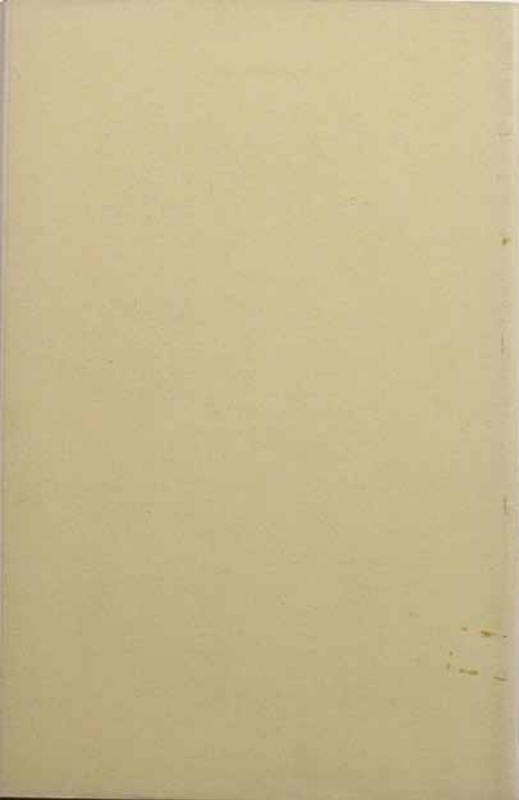
In the traditional manner, the Twentieth Biennial Convention of



Alpha Regent Frigaard presents gavel to Grand Regent Vawter

*The writer wishes to express his extreme thanks to Brother Charles Daniels, Regent and Alternate Delegate of Epsilon Beta Chapter, who supplied most of the photographs used

in this article; and to Brother Bill Franklin, Alternate of Zeta Chapter, for his assistance, both at the convention and since, in making the preparation of this article possible.







Convention Wheels: Seated: Curtis, Lewis, Vawter, Vinal, Lunderback, Hopkins, Russell
Standing: Mercer, Daniels, Ames, Glas, Nusser, Trbovich

Theta Tau was opened Thursday morning, October 14, 1954, by brother Bob Frigaard, Regent of the host chapter, Alpha, and the Executive Council was presented. Attending the convention were all of the Executive Council members except Grand Scribe Schrader.

The Executive Council members leading this convention were: Grand Regent Jamison Vawter, Zeta, '16; Grand Vice Regent A. Dexter Hinckley, Theta, '27; Grand Treasurer Paul L. Mercer, Omicron, '21; Grand Marshal John M. Daniels, Nu, '22; Grand Inner Guard Nick Trbovich, Phi, '37; Grand Outer Guard Robert L. Noxon, Sigma, '49; and Delegate-at-Large Donald D. Curtis, Omicron, '19.

Grand Regent Vawter, upon opening the convention in proper ritualistic form, appointed Past Grand Regent Norman B. Ames, Gamma Beta, '17,

to serve as Acting Grand Scribe. All chapters, save one, were represented by an official delegate or alternate at this opening session.

The following Theta Taus were in attendance at the convention:

Delegates

Horton Ellaby, Alpha
Glenn Nordbeck, Beta
Charles Spielman, Gamma
Edward Petruska, Delta
William A. Brewer, Epsilon
Robert E. Pope, Zeta
John B. Campbell, Theta
James L. Elswick, Iota
Andrew B. Oswald, Jr., Lambda
Ned H. Shows, Mu
Robert P. Mehn, Xi
G. Marvin Calvert, Omicron
Paul Sponto, Pi
David H. Barrett, Rho
Robert C. Knowles, Sigma
Ralph Kittredge, Tau
Larry Giersd, Upsilon
Richard B. Berner, Phi
Richard G. Guthrie, Chi

CHAPTER DELEGATES

Left to right: Top row: Horton Ellaby, Alpha; Glenn Nordbeck, Beta; Charles Spielman, Gamma; Ed Petruska, Delta.
Second row: Bill Brewer, Epsilon; Bob Pope, Zeta; John Campbell, Theta; Jim Elswick, Iota.
Third row: Andy Oswald, Lambda; Ned Shows, Mu; Bob Mehn, Xi; Mary Calvert, Omicron.
Fourth row: Paul Sponto, Pi; Dave Barrett, Rho; Bob Knowles, Sigma; Ralph Kittredge, Tau.
Fifth row: Larry Giersd, Upsilon; Dick Berner, Phi; Dick Guthrie, Chi; Mary Langphere, Psi.
Sixth row: Tom Hart, Omega; Bob Van Sickle, Gamma Beta; Del Brown, Delta Beta; Frank Schaller, Epsilon Beta.

Marvin A. Langhans, Phi
Thomas Hart, Omega
Paul Kurio, Gamma Beta
Delbert L. Brown, Delta Beta
Frank W. Schaller, Epsilon Beta

Alternates

Richard Swenson, Alpha
C. Alan Robertson, Beta
John P. Wright, Delta
William E. Franklin, Zeta
Kurt Plache, Iota
Carl D. Spear, Lambda
Philip A. Reed, Xi
Keith Bremer, Omicron
Richard C. Byron, Jr., Pi
James R. McBeth, Sigma
Michael Rantall, Tau
William L. Craven, Upsilon
Leon G. Shiman, Phi
George L. Willison, Psi
Donald O. Allgaier, Omega
Robert Van Sickle, Gamma Beta
William E. Jarrett, Delta Beta
Charles M. Daniels, Jr., Epsilon Beta

Alumni Association Delegates

Robert L. Noxon, Central Ohio
John C. Bush, Chicago
Russell G. Glass, Cleveland
Becher C. Eaves, Detroit
Norman B. Ames, National Capital
Alex Kovalchuk, Twin City

Alumni Association Alternates

Paul A. Sanders, Chicago
Harold G. Donnelly, Detroit

Founders

Elwin L. Vinal, No. 1
William M. Lewis, No. 2

Past Grand Regents

George D. Lunderback, Epsilon, '94
Richard J. Russell, Epsilon, '19
Herman H. Hopkins, Beta, '08
John M. Daniels, Nu, '22
Russell G. Glass, Sigma, '24
Ralph W. Namer, Zeta, '28
Norman B. Ames, Gamma Beta, '17
Donald D. Curtis, Omicron, '19

Other guests

John A. Bauer, Epsilon Beta
Jim Rump, Omega
Bob Bush, Omega
William T. Cohen, Omega
Fling H. Comstock, Alpha
LeRoy Cook, Omega
Ed Disharoon, Omega

Robert Frigaard, Alpha
Duane Genslinger, Omega
Fred E. Ghannam, Epsilon Beta
Deryl Hauptman, Omega
Earl R. Hemrickson, Epsilon Beta
LaMar S. Hills, Jr., Lambda
R. Devon Hobby, Phi
Kenneth L. Laiter, Omega
Harold Miller, Alpha
J. W. Skovholt, Alpha
Karl H. Sommermyer, Alpha
John Ulroig, Omega
Tom Waterland, Omega
James Wendelkin, Omega

The fact that most impressed this writer was the quality of the men who represented their chapters. This was well expressed by the Rho Chapter delegate, Brother Dave Barrett, when he wrote on his questionnaire: "I have been very much inspired by the universally high caliber of the brothers I have met here [at the convention]."



Early members E. H. Comstock, Alpha, and Past Grand Regent Lunderback, Epsilon

This writer was also very much impressed by the fact that the convention was to a great extent "run" by the actives present. The alumni, and especially the Executive Council members, made invaluable suggestions and supplied very worthwhile guidance, but the real operation was in the hands of the delegates, alternates, and visitors who were actives. And by their demeanor, these actives deserved the trust that was theirs.

What was the average delegate like? The results obtained from question-

naires completed by delegates and alternates to the convention showed that the average delegate was twenty-two years old, single, the Regent of his chapter, had been initiated into Theta Tau in February, 1955, is majoring in Civil Engineering, will graduate in 1955, is not a member of a social fraternity, but is quite active in campus activities other than Theta Tau. The results further showed that no actual delegate fulfilled this specific description.

Holding the distinction of being the chapter most represented at the con-

vention, was to become well known to those attending the convention, since it was to be the site of all five convention sessions. The main progress to be made at the convention was soon seen to be made in committee meetings and in discussion periods outside the regular convention sessions, however, with conclusions reached there being legislated on the floor of the convention.

The first two sessions of the convention were devoted to the presentation of reports by the members of the Executive Council, the *Gear* Edi-



Past Grand Regent Glas talks to the Convention delegates

vention was Omega Chapter with thirteen actives present.

The Tropical Room of the Hotel Dyckman, where the convention

tors, the Chapters, and the Alumni Associations.

Brother Vawter reported to the fraternity on its biennium just ending



Executive Council members Dex Hinckley, Paul Mercer, Nick Tchovich and Bob Naxon report to convention



National Officers in action: Vawter, Amos, Curtis, and Daniels

and on the activities of its Grand Regent. Foremost among these activities was his tour of the chapters taken last spring which included thirteen of our chapters and a meeting with the other members of the Executive Council. This was certainly a most commendable undertaking on the part of our Grand Regent and served well to provide direct personal contact between the Executive Council and the individual chapters during Theta Tau's Golden Anniversary year. The Grand Regent also presented his suggestions for consideration by this and future conventions including the idea of district officers for our fraternity.

Brother Hinckley reported to the convention on his activities as Grand Vice Regent which included the preliminary work in the area of extension of the fraternity.

The first session was followed by

the Theta Tau Grand Chapter Memorial Service wherein were honored those brothers whose deaths were reported during the current biennium.

Luncheon on Thursday set the pattern for the noon meal each day during the convention with all those present joining in an hour of informal fellowship at lunch together in the Mirror Room of the hotel.

The afternoon session saw the report of Brother Mercer as Grand Treasurer presented and later his report as one of the *Gear* editors. Brother Joe Howe, the editor who would have presented the *Gear* report, had undergone emergency surgery in Iowa just before the convention and was prevented from attending. As in the case of Brother Schrader's absence, the absence of Brother Howe left a void place in the convention roster which could not be filled. The *Gear* Endowment fund was



Reporting for the Alumni Associations: John G. Bush, Chicago; Russell G. Glas, Cleveland; Beecher Eaves, Detroit; Alex Kovalchuk, Twin City



Luncheon at the Convention

reported to have been increased to approximately \$46,000 and the General Fraternity Fund to have been slightly increased during the biennium. The current average cost per copy of the *Gear* was reported to be 38 cents. The Grand Scribe's records showed a total membership up to the time of the convention of 13,750 men.

The reports of the Executive Council members and the editors of the *Gear* indicated that the duties of these men had been well discharged during the current biennium.

Next the delegates (or alternates) representing the several chapters reported to the convention on their chapters' activities. These reports highlighted the fact that there is great diversity among various chapters with regard to fraternity operation. But universally, these reports indicated a high desire on the part of each delegate to make his chapter the envy of all the others.

The alumni associations represented at the convention then reported on their achievements. The highlights of these reports lay in the presentation by Brother John C. Bush of the Chicago Alumni Association of his original skull-design Theta Tau pin to the

fraternity, and in the announcement by Brother Beecher Eaves of the Detroit Alumni Association that the charter for their group would bear the Golden Anniversary date, October 15, 1954.

By this time all the chapters were represented on the floor of the convention, the delegate and alternate from the chapter previously lacking representatives having arrived. The Grand Regent announced the appointments to the twenty convention committees and the real work of the convention was begun. The roster of committees this time included two not previously appointed. One of these was the Inter-Chapter Relations Committee which was originated by three actives attending the Nineteenth Biennial Convention in no official capacity; Brother Hal Miller, Alpha; Brother Devon Hobby, Phi; and this writer, who first reported to that convention on this subject. The other new committee was the Membership Requirements Committee which was charged with considering proposals for changing the constitutional requirements for membership in Theta Tau. This problem had previously been considered by the Constitution Commit-

tees of past conventions. This additional committee made it possible for the Constitution Committee to concentrate its thought on other constitutional problems.

The report on the Professional Interfraternity Council included the Autonomy Resolution adopted by the 34-member PIC in which the inherent right of each individual fraternity to establish its own membership requirements was endorsed.

After the group dinner Thursday evening, the meeting rooms of the convention, and the rooms of the committee chairmen were buzzing with activity far into the night and many regretted their inability to attend the meetings of all the committees in which they were interested because of the conflict of meeting times. These meetings ran from the tranquil to the sometimes very heated,

depending upon the nature of the subjects discussed.

These committee meetings impressed this writer with their future-looking attitude, and completely nullified his pre-convention concern over the possibility that this convention would be a back-looking one, since it was to be the historic Fiftieth Anniversary Convention. This progressive, future-looking attitude permeated all parts of the convention, including even the very pleasantly nostalgia-steeped Golden Anniversary Banquet.

As a result of the nearly herculean work in committees, a minimum of unproductive discussion was presented on the floor of the convention in the sessions which remained. The next morning after the excellent committee work, it became apparent, however, that somehow all the committee proposals had to be fitted together; and,



Part of Historical Display at Convention

*Convention Banquet*

in fact, it seemed that all the reports presented should be preceded by all the others so as properly to fit the various activities into one coordinated whole. This problem was resolved, however, and after the dust of parliamentary activity had cleared and referrals back to committee had been made, much legislating was done in a rather short length of time.

The first committee to have its report adopted was the Dues and Fees Committee which proposed a one-dollar increase in semi-annual active dues. Accepting as axiomatic the idea that Theta Tau should operate on an expanded rather than a reduced level, the convention approved this increase.

Next came the Constitution Committee with the overwhelmingly popular proposal of establishing the Executive Council position of Counsellor of Theta Tau, to be of an advisory, statistical, and historical nature, and to be held only by Brother Erich J. Schrader. Gaining not quite such widespread approval was the proposal to amend the constitution to raise the limiting size of the individual chapters to fifty actives. This was easily passed, also, however, with only three chapters voting "no". A constitutional proposal to require an open discussion

in chapter meeting of the reasons before a pledge may be withdrawn met with much opposition, failed even to receive a majority vote and fell far short of receiving sufficient support to amend the constitution.

The establishment of a national office for Theta Tau with a single executive handling the routine national operation of our fraternity and promoting extension was discussed but no vote was taken. General consensus of opinion was that such a move was essential in the near future but could not be financially taken at this time. The establishment of a national office and the promotion of extension of Theta Tau seemed inextricably tied together and to promote the latter, the Convention established a "Council of Past Grand Regents" and charged it with expanding the fraternity. Although ideas on the methods of doing this varied, it was felt that the unanimous opinion of the convention was that this aspect of our fraternity was sub-standard and that the time to attack this problem was now.

The fourth session of the convention saw more reports from committees. Probably none was of such universal concern as the minority and majority reports of the Membership Re-

quirements Committee. The majority report recommending no change in the current membership requirements was finally adopted by a large majority of the convention and the attention of the convention was directed to other problems.

Once again the problem of extension was brought to the convention's attention by the Committee on Extension. Brother Ames reminded those present that the responsibility for promoting extension rested upon every one of the more than 13,000 members of Theta Tau. Brother Vinal, one of the two founders present, volunteered to promote extension in his area, the Pacific Northwest. The convention placed its confidence in the Council of Past Grand Regents.

Brother Daniels, Grand Marshal, reported for the Credentials Committee that only one delegate lacked the proper credentials properly executed. The Credentials Committee, on the basis of its examination of each delegate, ranked the delegates as excellent, good, fair, or poor, in their knowledge of the fraternity and its ritual. Delegates of Alpha, Zeta, and Epsilon Beta Chapters were ranked as excellent on this criterion.

On motion from the Discipline

Committee, the convention approved the expulsion action taken in two cases by chapters and recommended to one chapter the expulsion of a member.

The Erich J. Schrader Award Committee, under the chairmanship of Brother Noxon, Grand Outer Guard, reported that the top three chapters of the 14 which entered the award competition during each year of the biennium just ended, were very nearly tied with other chapters far below. The chapter winning the Erich J. Schrader Award was Beta. Second, third, and fourth places went to Chi, Sigma, and Phi, in that order. This marked the third time that Beta Chapter had won the award, no other chapter having won it more than once. Of the top four chapters this time, Sigma, Phi, and Beta had been in the winners' circle just two years before at the last convention when first, second, and third places had been awarded to these chapters, respectively.

The report of the Regional Conference Committee was adopted and set up four sites for regional conferences of chapters to be held during the 1955-56 school year, and recommended topics that should be discussed.

The Convention Committee reported that it had received suggestions from



Grand Inner Guard Tschovich lights candle presented by Chicago A. A.



Joe Skovholt, Chairman of Twin City Committee, as M. C. at the Banquet

the Chicago Alumni Association and Sigma, Phi, and Beta Chapters that the Twenty-first Biennial Convention be held at their respective locations. The location is to be set by the Executive Council, but the dates of the next convention are to be between the dates of December 25, 1956, and January 1, 1957.

The Ritual, Insignia, Auditing, and Professional Leadership and Development Committees reported on their important fields, but evoked no great discussion. An exception was the suggestion from the floor that the code be eliminated from the ritual when it is reprinted. This was soon withdrawn, however, when it became apparent that no unanimous vote could be obtained in favor of this proposal.

The Publications Committee endorsed the current operation of the *Gear* and announced the reprinting of the ritual scheduled for this next biennium.

The Transportation Committee reported the reasons why the delegates should be compensated in the future for airlines transportation when the distance to the convention exceeds 100 miles. The convention agreed and the policy was established, thus officially

recognizing the place of air travel in our time as the fraternity begins its second half-century.

The Committee on Inter-Chapter Relations reported many ideas for the good of the fraternity by which various chapters could be brought into closer contact with the others.

The Scholarship Committee made the surprising recommendation that the Theta Tau scholarship be discontinued and the financial saving incurred be used to promote the entire fraternity—and the convention agreed.

The Fourth Session of the conven-



H. H. Hopkins, charter member of Beta and Past Grand Regent, addresses the Banquet (Grand Regent Vawter at left)



Elwin L. Vinal, Founder (Alpha No. 2)
recalls beginnings of the Fraternity

tion adjourned early Friday to permit those attending the convention to prepare for the evening's activities. These began with the traditional Convention Initiation Ceremony this time well performed by the officers of the host chapter who initiated a man into Alpha Chapter exactly fifty years after the founding of Theta Tau.

The Golden Anniversary Banquet Friday evening was by all measurements the most impressive event of the convention.

The ceremonies connected with it were impressive but even more to be remembered by this writer was the very sincere feeling of fraternal brotherhood which permeated this event. Except for the speakers' table, the dining room of the Hotel Dyckman was set with circular tables seating ten each for this event. This arrangement promoted the feeling of comradeship which existed.

The invocation by Brother "Deacon" Ames was followed by the light-

ing of a symbolic alumni candle by Grand Inner Guard Trbovich as similar candles at the other chapters of Theta Tau were being lighted across the nation.

In the role of Toastmasters at the Banquet were Brother J. W. Skovholt, Chairman of the Twin City Golden Anniversary Committee, and Brother H. H. Hopkins, Chairman of the National Golden Anniversary Committee. Those attending this banquet were privileged to sit in on a meeting of the Theta Tau Association of Minnesota and to hear of the wonderful progress made on the project of a new house for Alpha Chapter. Emotions ran the gamut at this banquet. Joy and admiration reigned as Founders Vinal and Lewis addressed the banquet and as nine of the eleven living Grand Regents of Theta Tau were introduced. The addresses by Brothers Vinal, Lewis, Louderback, and Vawter were reminiscent and nostalgic, but in this hour of tribute to the past, even these speakers looked toward the future—a future of pro-



Wm. M. Lewis, Founder (Alpha No. 1),
recounts early experiences at the Banquet



*Twis City Alumni present Erich Schrader's gift to his Brother Ernest.
Left to Right: Lunn, President of T.C.A.A.; Vinsil, Founder; Schrader; and
Kovalchuk, Tyske, and Skovholt of T.C.A.A.*

gress and expansion for our fraternity.

The highlights of the evening were the presentation of the large framed work of art which incorporated pictures of the founders of Theta Tau as they appeared in 1904, and the various symbols of our fraternity and of

the engineering profession; the emotion-filled speech in acceptance of this gift by Brother Ernest Schrader on behalf of his brother, Founder Erich Schrader; and the speech of Brother Erich Schrader which was presented as a recording. This speech, remembered



Past Grand Regent Glass presents plaque from Professional Interfraternity Council to Grand Regent Vawter in recognition of his long service to the Council



Grand Regent Vanter presents gift to Port Grand Regent Curtis

by those who had attended the Nineteenth Biennial Convention at Purdue, seemed particularly fitting and appropriate to the occasion of the Golden Anniversary Convention as it presented much of the history of Theta Tau.

At this banquet, Grand Marshal Daniels announced the name of the delegate chosen earlier by a secret vote of the delegates as the "Outstanding Delegate" of the convention. (*Editor's note: Bob modestly omits the name of this delegate—Bob Pope.*) Thus was brought to six the number of convention delegates to have been so honored over the years since this tradition was established in 1941.

Recently received telegrams of congratulations to the fraternity and to Brother Schrader on the Fiftieth Anniversary of Theta Tau were read at this banquet. Many others from all

over the world which had arrived all during the convention, had been read at the various luncheons and dinners each day.

The singing of the Theta Tau Song concluded the banquet program and the delegates and alternates again turned to the tasks that were theirs.

Of primary concern in Friday night sessions was the work of the Nominating Committee. Again, here was an example of the delegates' really taking hold of the problems of the day. Other work left to be done was the final formulation of resolutions to be presented.

At the final session, the adoption of resolutions, usually only a mere formality, ran into a lively discussion on the point of naming the Twentieth Biennial Convention. After much discussion on the merits of naming it in various ways, the convention voted and it was officially designated as "The Founders' Golden Anniversary Convention." The only other resolution on which unanimity was not obtained was the one expressing thanks to the Hotel Dyckman for services rendered which received a few votes of "no" from the delegates.

Finally the report of the Nominating Committee was presented and those nominated were elected with the re-



These Theta Taus have contributed over 80 years of service to Theta Tau: Curtis, Trbosich, Glass, Hinchley, Daniels



Delegates huddle during a recess

sult that the finest possible brothers available were elected to the Executive Council. Those elected were Brothers A. Dexter Hinckley, Theta, Grand Regent; Harold G. Donnelly, Epsilon Beta, Grand Vice Regent; Norman B. Ames, Gamma Beta, Grand Scribe; Paul L. Mercer, Omicron, Grand Treasurer; John M. Daniels, Nu, Grand Marshal; Robert L. Noxon, Sigma, Grand Inner Guard; and Charles W. Britzius, Alpha, Grand Outer Guard. These, together with Brother Erich J. Schrader as Counselor of Theta Tau, and Brother Jamison Vawter as Delegate-at-Large, constitute the Executive Council of Theta Tau for the first biennium of its second half-century. The newly elected officers were installed and the allegiance of the fraternity to them was pledged. In proper ritualistic form, Grand Regent Hinckley closed the convention.

The Saturday luncheon, although following the usual luncheon pattern at the convention, was a rather sad occasion despite the general feeling of

pleasure at the accomplishments of the convention. The reason was that it was the last time the men of the convention would all be together. And many strong friendships that had grown during the days in Minneapolis were soon to wither. As many of the delegates were leaving Saturday afternoon, the good-byes were long and sad. And some of the men attending the Minnesota-Illinois football game that afternoon found themselves running to catch the bus to the stadium. Those who attended the game saw an example of Big Ten football at its best and all the color and extras that go with major college football.

After the game some of the men visited the Alpha Chapter House for some good fellowship and then returned to the hotel to prepare for the evening's agenda. Due to the long trips home, only a few actives were able to stay for the final events of the week—a buffet dinner with the Twin City Alumni Association and the Convention Dance that evening which were very enjoyable thanks to

the provisions made for their brothers by the men of Alpha Chapter. Sunday saw the departure of the last delegates and alternates and the Twentieth Biennial Convention was history.

Much thanks is due Alpha Chapter and the Twin City Alumni Association under the leadership of Brother Alex Kovalchuk for the excellent preparation for the convention which made its operation so smooth and its success so great.

In retrospect, The Founders' Golden Anniversary Convention is considered

to have been a prime example of the men of our fraternity, both great and small, meeting with determination the challenge of carrying on the operation of the fraternity in a manner in which Brother Erich J. Schrader would be proud, of carrying onward and upward the torch which he has carried so nobly at conventions in the past. At future conventions when Brother Schrader is with us again, we may all together look with pride on the progress made by The Founders' Golden Anniversary Convention.

Convention Souvenirs Available

Many of the delegates to the Golden Anniversary Convention will be glad to hear that they can secure an 8 x 10 print of the Convention group shown on page 4 of this issue. Requests should be addressed to Alex Kovalchuk, 324 Walnut St. S.E., Minneapolis, Minn. and accompanied by one American dollar or its paper equivalent.

A number of the unique Fiftieth Anniversary Banquet programs are still available and can be obtained from the same source for one dollar (their actual cost).

Banquet pictures, a number of which appear in the Convention write-up in this issue, can be secured from

Brother Kovalchuk in two sizes: 4 x 5 prints at 25c each, and 8 x 10 prints at 75c each.

Not to be outdone, the *Gear* can also provide copies of the Golden Anniversary issue, containing much historical information, as long as they last. Inasmuch as the issue has been charged off and mailing expense is small, these extra copies will be sent without charge upon request to the *Gear* office.

Take advantage of these opportunities to get mementos of the historic 50th Anniversary Convention. You probably won't be around for the next fifty-year celebration!

Engineers Make Good --- or Else

"The engineer's works are out in the open where all men can see them. He cannot deny he did it. The doctor's mistakes are buried in the grave. The voters forget when the politician changes the alphabetical names of his

falling projects. Trees and ivy cover the architect's failures. The lawyers can blame the judge or the jury. Unlike the clergyman, the engineer cannot blame his failures on the devil."

—Herbert Hoover

Bob Pope of Zeta Outstanding Delegate

by Bill Franklin, '16, Zeta Alternate

Delegates to the Founders' Golden Anniversary Convention elected Bob Pope outstanding delegate of the convention for his exceptional work there. Brother Pope, who has shown outstanding work for Zeta Chapter, is well known to other chapters and the Executive Council members of Theta Tau for the correspondence which he carries on among them to further relations and to help make Zeta the best chapter of Theta Tau. As delegate to the Golden Anniversary Convention Brother Pope served as chairman of the controversial Membership Requirements Committee—a job which he handled exceptionally well. He also found time to push extension and a national office for Theta Tau, which are two of his biggest interests.

Since becoming an active in October, 1950, he has held the positions of Vice Regent, Rushing Chairman, Pledge Trainer, and is currently serving his second term as Regent. As rushing chairman he originated Zeta's present summer rushing program of sending a personal letter and rushing leaflet to about three hundred new engineers, a program of which Zeta is proud. He did very much with our chapter adviser, Professor T. F. McMahon, to promote Zeta Cogs, an alumni organization which is adding greatly to improvement of our chapter house. A Zeta directory, which was a publication of almost 600 names and addresses, was published due to Brother Pope's efforts. He has attended the last three biennial conventions and helped to arrange Zeta's 40th Anniversary Celebration in 1952.

Besides doing everything he can for Theta Tau, Brother Pope has not been inactive at the University of Kansas.



He received his B.S. degree in Chemical Engineering in 1952, will receive his M.S. degree in 1955 and hopes to receive his Ph.D. in 1956. He is a member of Sigma Tau, Tau Beta Pi, Phi Lambda Upsilon, Omicron Delta Kappa and is currently serving his second term on the university All Student Council Senate and is president pro tem of the senate. Since entering graduate school he has been an assistant instructor in chemical engineering during the school year and has been in the Engineering Department of Mallinckrodt Chemical Works in St. Louis in the summer.

Zeta is proud of the fact that its delegate was chosen as Outstanding Delegate and is proud of its record as an outstanding chapter with a well organized rushing program, excellent pledge training system, a good initiation, two good newsletters per year and the fact that two of its members have served as Grand Regent of Theta Tau—the latter record equalled only

by Epsilon Chapter. Zeta hopes to prove itself the best chapter of Theta Tau by winning the Erich J. Schrader Award for the current biennium.

The Grand Regent Says



"Let us work together." These are the words I find repeated several times in my earlier messages to the chapters, advisers, and officers of the Fraternity. Now, the message goes to the whole Fraternity, and in this first opportunity, I say again to the alumni as well, let us work together!

"Work," you say. Yes, this membership in Theta Tau has come to us by the choice of our Brothers and our willingness along with everything else that fills a life—curricular and extra-curricular for the actives, teaching and family for our advisers, and the full round of business, civic and family duties which we alumni know.

Theta Tau, then, like engineering, is not just for fun; it is responsibility

of the largest order. As each of you measures up to the challenge of this work, so comes the real reward of accomplishment.

To the chapters—*dig* those routines. Don't put Brother Schrader where he has to write me that four chapters are over a month delinquent in the term dues. But more important, make yours a chapter of a truly professional engineering fraternity, using every means for developing yourselves as members of your profession.

To our chapter advisers—I can only say, help the chapters. Inspire them to the fullest understanding of what it means to be able to say, "I am an Engineer."

And to the alumni—you have Theta Tau in you, never again to be separated. You can bring to the chapters, through your letters and your visits, that view into the future—what it means to be an Engineer. That's something you have. Give it as best you can to your Brothers, so they may follow with better understanding and effectiveness your success in the field.

We of the Executive Council are at work together, and I speak for them in concluding as I began. Let us all work together to achieve the maximum of effective achievement toward the objectives envisioned by our Founders. We owe much to them for the half-century that is now history. Let us all work together to make the next half-century even greater.

In H & T,

A. Dexter Hinckley
Grand Regent

Meet Our New Grand Officers

Harold Geo. Donnelly Grand Vice Regent

The Fraternity's Grand Vice Regent has spent most of his adult life in the counselling and guidance of young men, or in activities aimed principally at such goals of professional development. This characteristic may have resulted from spending his childhood and youthful years in Alpena, Michigan, which lies some 210 miles north of his birthplace (Detroit). In the rugged northwoods it was most natural to lean heavily upon elder brothers for help and guidance, all the while learning to serve in the same post for the young ones coming up in life.

Brother Donnelly was born the third son of an Irish father and a Pennsylvania Dutch mother on April 21, 1912. His education was principally in Alpena schools, but he returned to complete high school at Detroit Western in 1930.

The depression was sufficient excuse to start out alone, and Harold made his way still farther north to the wilds of Sudbury and Copper Cliff, Ontario, where he spent a year as a samplehouse hand in the smelter of the International Nickel Company.

This baptism of fire and metal technology sparked his return to Detroit in time to begin his Chemical Engineering education at City College (now Wayne University), ending with the B.S. Ch.E. degree in 1936. An intervening year of personal depression gave opportunity to work in a photography studio, and developed the single hobby to which he still clings.

Carrying a part-time teaching job during his last college year provided both funds and opportunity to come



to the University of Michigan at Ann Arbor for graduate work; and such a combination of teaching at Wayne and commuting earned both money and the Master of Science degree in Engineering by 1938. This time the field was metallurgical.

In the latter portion of this era, Brother Donnelly gave up the teaching and spent about a year as assistant to the Director of Research of Compressed Industrial Gases, Inc. in the design of liquid air distillation units.

The urge to be with young people brought him back to Wayne and to the young lady (Dorothy Ruth Flemming) whom he had courted for the seven years of his college life. The teaching provided further opportunities for graduate work at the University of Michigan at odd periods. "Hal" was finally granted the Ph.D. degree in Chemical Engineering while his wife and two sons (Richard George and

Edwin Harold) sat proudly in the Commencement audience.

In addition to his wife and two children, our Grand Vice Regent acquired the assistant, associate, and full professor ranks at Wayne, and in February 1933 he became Head of Chemical and Metallurgical Engineering there.

Sometimes called Joe from his habit of abbreviating his middle name as "Geo.", Harold has spent the greater portion of his professional career in the pursuits of a "good Joe." He assisted in the organizing of the Detroit Junior Group of the American Institute of Chemical Engineers to foster growth of these young men as well as himself. The group ignited the old Michigan section of A.I.Ch.E., caused its reorganization, and provided Hal with at least five years of office holding, culminating in the chairmanship of the section.

During this period he passed the State Registration examination for Professional Engineers, spread the gospel among his fellow men, and is now serving his seventh year as a member of the Architects, Professional Engineers, and Land Surveyors Council on Registration of the State of Michigan. He was for six years a member and finally chairman of the professional examination committee, and was partially responsible for the entirely new type of examination now used.

Hal organized the student chapter of A.I.Ch.E. at Wayne, served as faculty adviser of Epsilon Sigma Fraternity (now Epsilon Beta Chapter), was for two years chairman of the Student Recognition committee at Wayne, recently finished a three-year period on the Athletic Advisory committee, and is now serving his seventh year on the University Council as an

elected member-at-large.

In local professional work, Harold has functioned for years as a member—and is now chairman—of the Engineering Society of Detroit Vocational Guidance Committee, which annually arranges a professional counselling conference attended by about one thousand metropolitan high school seniors interested in engineering or sciences.

On the national professional level, he has served on many of the committees of the A.I.Ch.E., was chairman for three years of the Institute's Professional Guidance Committee and is presently serving his third term as national representative to the Engineers Council for Professional Development, committee on Professional Training.

The Grand Vice Regent holds memberships in the American Chemical Society, American Institute of Chemical Engineers, American Society for Engineering Education, American Electroplaters Society, American Rocket Society, National Society of Professional Engineers, Sigma Xi, and Tau Beta Pi.

In order to pay for a few of these memberships, Brother Donnelly does a little consulting work in his spare time. In his most recent job, as a member of the Board of Directors of the Apex Chemical Manufacturing Company, Hal has found himself in an entirely different environment, which he hopes will develop something more than the professional portions of his life.

Although a very recently initiated member of our Fraternity (Epsilon Beta was installed in May, 1931) Brother Donnelly has made a concerted effort to participate to his utmost. In addition to serving as the chapter ad-

viser, he attends many of the Detroit Alumni Club meetings, and is an ardent stock market fan in the Holdings and Transactions Club. Both Dick and Eddie have spent some days with

Hal at the pledges' informals, which are held some 30 to 50 miles from Detroit, and they will be well prepared for their own initiation into Theta Tau some day in the future.

Grand Outer Guard Britzius a Well Rounded Engineer

C. W. Britzius was born June 26, 1911, at Rochester, Minnesota. His elementary and high school education was obtained at Rochester and his college training was at the University of Minnesota where he obtained a bachelor's degree in Civil Engineering in 1933 and a master's degree in 1938. He was initiated into Theta Tau Fraternity at Alpha Chapter in 1930. Since graduation he has held most of the offices of the Twin City Alumni Association and at present is secretary of the Theta Tau Association of Minnesota, Inc., the organization that owns the Alpha Chapter house. Brother Britzius has lived in the Twin Cities Area since graduation from college, and now resides at Deephaven, Minnesota, a suburb about 10 miles west of Minneapolis on Lake Minnetonka. He is married and has three sons and one daughter, ranging in ages from two to eight.

Following his graduation in 1933 he was employed by the Q. A. Hall Testing Laboratory for which he worked for three years and which he purchased in 1938 and renamed the Twin City Testing and Engineering Laboratory. Between 1933 and 1938 he completed his work for the master's degree, assisted in teaching highway laboratory courses and worked for the Minnesota Highway Department.



Since 1938 he has operated the Twin City Testing and Engineering Laboratory with a number of partners. Since 1938 his business has grown steadily, as evidenced from a change in employees from half a dozen to about 75. The main laboratory is located at 2440 Franklin Avenue in St. Paul, Minnesota, and branch laboratories are located in Duluth, Minnesota, and Bismarck, N. D.

Brother Britzius is active in technical engineering organizations such as the American Society for Testing Materials, the American Concrete Institute, the Association of Asphalt

Paving Technologists, and the U. S. National Council of Soil Mechanics and Foundation Engineering.

In professional engineering activities, he is a member of the Minnesota Society of Professional Engineers, the Minnesota Association of Consulting Engineers, and the American Society of Civil Engineers, and in addition belongs to the Minneapolis and St. Paul Engineers Clubs. He is past president of the St. Paul Engineers Society and the Northwest Section of

A.S.C.E.

He is also active in the Lutheran church, and is a member of the Planning Commission of Deephaven.

Brother Britzius is interested in athletics of all kinds and in hunting and fishing. His special interest is in tennis, a sport in which he has achieved some degree of success, for he has held the Western Conference singles championship, the National Public Parks doubles title, and a number of Northwest city and state titles.



Theta Tau Daughter Reports Good News

Carlyn Sue Farrell, 1-year old daughter of Col. Carl Y. Farrell, Gamma '33, is joined by her doggie, Alice, in sending an appealing greeting from Alaska's winter wonderland. Carlyn's dad is the District Engineer for the U.S. Army Corps of Engineers. The Farrells reside on Elmendorf Air Force Base, near Anchorage.

Beta Adviser Appointed First Dean of Students

The Board of Control of Michigan College of Mining and Technology has announced the appointment of Professor Leo F. Duggan, Beta Hon., to the recently-created position of dean of students. Brother Duggan, who has served as adviser to Beta Chapter since 1940, has been the college registrar since 1921. He will continue to serve as director of placement.

Brother Duggan earned his B.S. and

M.S. degrees at the University of Michigan, and in 1927 he received the E. Met. degree from Michigan Tech. He is a member of the Portage Township Board of Education and has served as its president. He is chairman of the Michigan Council on College Accreditation.

*Michigan College of Mines
Alumni News*

The Beta Story

Gabe Bishop entered the Michigan College of Mines in the fall of 1903. Hasselbring and Kumke had entered in 1902. In the early fall of 1903, Bishop met Hasselbring and Kumke.

The three became good friends and often met. It was at one such meeting that Bishop suggested giving a party. The other two seconded the motion. Bishop arranged for two rooms above the Citizens Bank.

This first party included Bishop, Kumke, Hasselbring, Benson, Young Perrault, Robinson, Skiff Sheldon, and one other, probably Tom Douglas who left Houghton before the first Rhomb photo was taken.

During the height of the party it was unanimously decided to repeat the occasion. A club was suggested and Gabe Bishop came up with the name Rhombohedron. It was pointed out that the three sponsors of the party would represent the three basal planes, or the planes of symmetry, and the six others present were to be the six edges of a rhombohedron crystal. The membership was temporarily limited to 18. The group picture of the Rhombs taken about this time shows 18 members. They were an enthusiastic group. Two rooms over the DeRoche Drug store were leased and here their social activities were continued on a more elaborate and diversified scale. Refreshments were an added attraction. A piano and pool table were rented, and their

Charles Kumke, first Regent of Beta Chapter, took exception to the account of Beta's origin which appeared in the Golden Anniversary issue. He has herewith written an account of that time and has submitted it to several others of the original group to insure complete accuracy.

Saturday night parties were the talk of the campus.

Gabe Bishop went back to New York in early spring of '03 and did not return to Houghton. Hasselbring and Kumke

decided to have a look at the wild west. After a short visit at their home, they met in Chicago and from there headed for the Black Hills in South Dakota. In Deadwood they joined up with a survey party that was just leaving for the Bad Lands to survey and subdivide the Pine Ridge Indian Reservation. When this job was finished, Hasselbring bade farewell to Kumke and headed for Arizona. Kumke went to work for the Homestake Mining Co. in Lead City. They lost track of each other, but, by some strange coincidence, they both landed back in Houghton on the same day to reenter college for the '05 fall term.

In the meantime, the Rhombohedron Club had grown and prospered. During the summer of '04, McCormick had taken over the Martin boarding house near the campus, and had invited the other Rhombs to move in. Club rooms were fitted up in the basement. This new development did not prove entirely satisfactory, and after one year the club rented the Pryor House on Ruby street. This turned out to be a most constructive move. The club atmosphere was replaced by the cozy feeling of a home. The Beta Chapter days were just around the corner. The Rhombohedron member-

ship had been built up with men of strong and likable character. The names of Hopkins, Potter, Burke, Anderson, Downing, Andrews, Earling, and a good many others, were assurance that the affairs of the young chapter would be in good hands.

Ike Hanks, one of the Fraternity founders, spent the summer of 1904 in Houghton and became acquainted with Bob Downing, who belonged to the Rhombohedron Club. Hanks told Bob about Hammer and Tongs Fraternity at Minneapolis. Correspondence between the club and that fraternity, led to an invitation to join them. During the spring vacation of 1906, Downing and Andrews went to St. Paul, where they were initiated into Hammer and Tongs Fraternity. They returned to Houghton and initiated the balance of the members on March 26, 1906. Kumke was elected

first regent of the new Beta Chapter, and the following were enrolled as charter members of Beta: Robert L. Downing, W. B. Andrews, G. A. Anderson, J. A. MacKillican, G. M. Burke, G. B. Marshall, Charles A. Kumke, A. Hasselbring, J. A. Barr, W. G. Sweeney, H. B. Steinbach, J. B. Torbet, R. B. Phillips, F. K. Houston, and A. H. Meuche. After Kumke had been elected as regent and George A. Anderson as scribe, the following were elected to membership: G. B. Staples, J. E. Thoms, F. W. Varney, B. O. Pickard, R. B. Earling, J. D. Wanvig, and C. J. Kingston.

Turning to page 16 of the Golden Anniversary edition of the *Gear*, to the paragraph beginning, "As is the case with most fraternities," this would seem the point where the *Gear* narrative can be resumed as given on the next few pages.

Frank B. Turner *Elected to Bank* *Position*

Frank B. Turner, Rho '28, has been elected vice-president of the Bank of Manteo on Roanoke Island in North Carolina. Brother Turner is the principal mechanical engineer for the Budget Bureau of the State of North Carolina. He also serves as president of the State College Alumni Association.

North Carolina State College News



Zeta Makes Survey at Convention

by Bill Franklin, '56, Zeta Alternate

While attending the Golden Anniversary Convention in October, the delegate and alternate from Zeta Chapter compiled a questionnaire which was presented and filled out by the delegates and alternates of Theta Tau. This questionnaire asked for information about each man and also questions which pertain to his chapter.

In an effort to present some of the similarities and differences of interest to the various chapters, we of Zeta would like to pass on some of the information which we were able to gather. Although many questions have come to mind since, which should have been included, we feel that this questionnaire has given us a great deal of knowledge about other chapters of Theta Tau, and hope that others will also benefit from this information.

Of the 38 men who filled out questionnaires, it was found that 18 were holding or had held the office of Regent, and 7 had held the office of Vice Regent. The ages ranged from 19 to 29 with the average man being 22 years old. Six of our brothers had entered the major field of matrimony, the rest still being free men.

Dates of initiation of those at the convention ranged from October 1910 to May 1954. The average man had been a member of Theta Tau for approximately one and one-half years.

Ranking highest among the major fields of study were Civil, Mechanical, and Electrical, with Geology, Mining, Mining Geology, Metallurgy, Mineral Exploration, Chemical, Industrial and Engineering Physics being represented.

Although there were 2 graduate students at the convention, about one-

third of those polled will graduate in 1956 and the remainder in 1955.

These men were members of numerous organizations other than Theta Tau and active in up to seven other organizations. Tau Beta Pi and Blue Key were well represented. Nine of the 38 were members of social fraternities, but only 2 were members of social fraternities where Theta Tau had a house.

Pledging procedure was widely varied with one of the most popular methods being to send prospective pledges an information leaflet, invite him to smokers and dinners, vote on him and then extend an invitation to pledge. One chapter elected pledges on the same night they were asked to the rushing event, but must used the smoker to get acquainted. Epsilon Beta chapter has a different approach in that they have a movie of a "typical" pledge's life which they show to prospective pledges. The minimum pledgeship period ranged from 0 to 16 weeks, with the average being 8 weeks. To become a pledge of Theta Tau, all but one chapter required unanimous vote of the active chapter on each prospective pledge. One chapter uses a method by which "general consent" is required for pledgeship, but unanimous vote is required for a pledge to become active. A vote is taken by many chapters three times during the pledgeship period.

Desire for interchapter communication was high, with newsletters and other types of correspondence having the most suggestions. Other ideas on expansion, obtaining a house, homecoming decorations, sports competi-

tion, swapping of party songs and visits to other chapters were also suggested.

Most chapters seemed to have a well-rounded social life with such things as smokers, founders' day banquets, dinners, evening speakers, informal get-togethers of faculty and students, hay rides, picnics, beer-busts, parties, dinner dances, engineers' balls, and formals—each an opportunity for

entertainment and enjoyment of the whole chapter.

As a whole, the fraternity seems to be an active organization full of active men which we hope will continue to grow and become better each year. We of Zeta hope that this small smattering of ideas will help others to make a better organization of their own chapter and thus a stronger cog in the gear wheel of our fraternity.

Melvin R. Lincoln Is Made First Lieutenant

After being promoted to first lieutenant in Korea, Melvin R. Lincoln, Omicron '53, receives a silver bar signifying his new rank from Major William S. Crumlish, battalion commander. Lieutenant Lincoln is battalion maintenance officer with the 453d Engineer Construction Battalion Headquarters. He entered the Army in May 1953 and went overseas last



August. Brother Lincoln was formerly employed by Standard Oil of Indiana in Whiting.



Elon E. Ellis Is Vice President of Timber Structures

Elon E. Ellis, Mu '42, has been transferred to the home office of Timber Structures, Inc. which is in Portland, Oregon. He is Vice-President in charge of the Direction of Sales. Brother Ellis's home address is 7529 SW Brier Place, Portland, Oregon.

The 'Bama Broom

Jim Bump Receives Honorary Recognition

James D. Bump, Omega '29, was honored at the annual Honors Day ceremony at the South Dakota School of Mines and Technology on May 7th, 1934. He received an honorary Doctor of Science degree in recognition of his splendid work as director of the Museum of Geology, as well as for his outstanding contributions to the field of Paleontology.

Under the leadership of Dr. Glenn L. Jepsen and Dr. C. C. O'Harra, Brother Bump worked with the museum until his graduation in 1929. With a job as metallurgist in his pocket and about to leave Rapid City, he was prevailed upon by Dr. O'Harra to remain at the School of Mines and take charge of the Museum of Geology. He has conducted the museum operations since that time. The majority of the collecting seasons were spent in the White River Oligocene, a region that has always held his greatest interest for study and collecting. In later years other horizons, especially the Cretaceous shales, have drawn his attention.

Jim Bump held the title of Collector and Preparator until 1936 when he became instructor in geology and museum technician. The title was changed



in 1939 to assistant professor of geology and curator of the museum. Finally, in 1942, his directorship of the museum was recognized in name as well as in fact, when he was appointed director of the Museum of Geology. In addition to his many local accomplishments, Jim is currently serving in a national capacity as president of the Society of Vertebrate Paleontology.

Grand Inner Guard Noxon Also Good Man at Home and Office

The new Grand Inner Guard of Theta Tau, Robert L. Noxon, Sigma '49, can be proud of two occurrences this last February. First, James Lowell Noxon was born on February 1, bringing the total number of Noxon children to three; Susan Jane is nine and Alice Jean, one-and-a-half. Second-

ly, Brother Noxon received a commendation from his employer. On February 21, Captain R. F. Scott, USN, commanding officer of the United States Naval Ordnance Plant in Indianapolis, presented Mr. Noxon with a letter of appreciation for his diligence in solving production problems.

Donald H. McCuaig Receives Promotion



Donald H. McCuaig, Mu Hon., has recently been appointed as the Manager of Application Engineering for the entire Worthington Air Conditioning and Refrigeration Division. Brother McCuaig received his B.S. degree in industrial engineering from Alabama in 1927 and in 1935 earned an M.S. in mechanical engineering. He worked for a time as application engineer with the Worthington Pump & Machine Company in Holyoke, Massachusetts, and until his recent promotion was the manager of their Central Stationary Equipment at the Holyoke plant.

Brother McCuaig's home address is 261 Mulberry Place, Ridgewood, New Jersey. The Worthington Corporation is located in Harrison, New Jersey.

The 'Bama Beam

Chester O. Wanvig Receives Honorary Degree

At the Honors Convocation held at Michigan College of Mining & Technology last May, an honorary Master of Engineering degree was conferred upon Chester O. Wanvig, Beta '12.

Brother Wanvig is a former president of Globe Union in Milwaukee and at present is chairman of the Board of Directors of that company. He is president of the W. S. Company, chairman of the board of the Peerless Machine Company, and a member of other corporate boards of directors. He is a regent of the University of Wisconsin, a governor of Marquette Uni-



versity, and a trustee of Milwaukee Downer College.

Mich. College of Mines Alumni News

Samual McManus Is Platoon Leader at Fort Bragg

Second Lt. Samuel McManus, Rho '53, makes a note of his men's positions at Fort Bragg, N. C., where his unit was taking part in Exercise Flash Burn, an Army maneuver including training in the tactical use of atomic weapons. Brother McManus is a platoon leader in the 579th Signal Depot Company.

McManus, whose wife, Peggy, lives at 165 Parkview Dr., Burlington, N.C., entered the Army in August 1953 and was formerly stationed at Fort Monmouth, N. J. Before entering the service, he had been employed as



an industrial engineer by Burlington Mills.

Decals Available from Zeta Chapter

Zeta Chapter has recently been active in promoting Greek-letter and coat-of-arms decals for use by members of our fraternity, and has taken the initiative in having these prepared.

The Greek letter decals feature the Greek letter combination on one decal in streamlined Greek letter type style, and are available from Zeta Chapter in any quantity to other chapters at cost plus postage. The cost is 6½ cents per set of two decals.

The Theta Tau coat-of-arms decals have been prepared from a new plate, correct in all details, and feature the Theta Tau colors: dark red and gold. These are available from the manufacturer, The Angelus-Pacific Company, P.O. Box 57065, Flint Station, Los Angeles 57, California, at 6½ cents each, plus postage. They can also

be ordered at the same price through Zeta Chapter. These will replace the coat of arms decals currently in use which are incorrect in some details and which are not in the correct colors.

Zeta Chapter has also ordered ash trays and miniature beer mugs from the East Liverpool China Company, East Liverpool, Ohio. Hereafter this company will have available the dies for applying the Theta coat of arms in gold to these and other china products without additional charge, since the initial expense for these dies has been borne by Zeta Chapter.

Since Theta Tau decals have not been readily available heretofore, it is hoped that making these available will promote their use by men in all chapters of the Fraternity.



Lorin L. Ferrall Is Promoted

Last year the Crucible Steel Company of America announced that Lorin L. Ferrall, Nu '23, had been appointed assistant vice-president in charge of operations. Starting with Weirton Steel Company and the Union Drawn Steel Company after graduation, Brother Ferrall has also been associated with Timken Roller Bearing Company and the Rotary Electric Steel Company. In 1941, he became Director of Metallurgy at Crucible, a post he held until his recent appointment.

Carnegie Alumnus

"I won't get married," Jones told a co-worker, "until I find a girl like the one that Grandpa married."

"Huh!" snorted his companion, "they don't have women like that nowadays."

"That's funny," returned Jones, "Grandpa only married her last week!"

A convict in the Kansas penitentiary asked the Governor for a pardon, on the grounds that he thought if he remained there he would corrupt his fellow inmates. He found, he said, that according to what the others said, he was the only guilty man behind the bars.

SOCIAL NOTE

A recent society bride had six bridesmaids in hyacinth blue and two in rich crimson velvet, with gold lace. A pale bridegroom completed the color scheme.

Marriage is like a poker game. They start with a pair; he shows a diamond; she shows a flush, and they end up with a full house.

Have you heard about the C.E. who walked through the screen door? He strained himself.

"To what do you attribute your great age?" the city visitor asked the elderly gentleman.

"I can't say yet," answered great grandfather cautiously. "There's several of them testimonial fellows still a-dickering with me."

A man is incomplete until he marries and then he is really finished.

HIT HARD

The first thing that strikes some people when they visit Hollywood is a hot-rod.

Letter to Former Grand Scribe Schrader

Enschede
P.O. Box 27 (Holland)

Dear Brother Schrader:

Your letter of August 26 regarding my "lost" status arrived today; therefore, in order to be "found" again I will answer at once.

I am not getting *The Gear* but would like very much to have it sent to me.

My employer is the R. F. Goodrich Co., Akron, Ohio, for whom I am a Senior Product Engineer. I am currently the technical representative and consultant from the Inter-

national R. F. Goodrich Company to the Nederlandsch-Amerikaansche Autobandenfabriek "Vredestein", an affiliated company located in Enschede, The Netherlands.

I, with my wife and two boys, have been here for 18 months and will remain here for a minimum of 18 more months. Holland is a beautiful country, thoroughly enjoyed by all of us.

Thank you very much for contacting me, and best personal regards to you.

In H & T,
Clinton W. Adams, Jr., Mo '41

Letters To the Editors

1602 Louisiana
Lawrence, Kansas

Dear Brother Howe:

This is to advise you of my new address.

I am very happy to say I have been discharged from the service, and I am now back at the University of Kansas to complete my degree in Electrical Engineering.

Yours in H & T,
Lester A. Brunker
Zeta '13

When the Profs let you out, you will be all set, Brother Brunker. Let us know where you settle down.

R. R. #1 - Box 824
Fairfax, Virginia

Dear Brother Howe:

Your letter of 22 Nov. 1914 advised me that my copy of the Golden Anniversary issue of the *Gear* had been returned by the Post Office.

In recent years my address has changed several times and I am sorry that I have not kept you advised accordingly.

I am still employed in the Real Estate Division of the Bureau of Yards and Docks of the Department of the Navy. This job is practically the same that I accepted approximately 11 years ago, when I reported to Washington. There's nothing particularly glamorous about this work, but I'm afraid that I've slipped into a rut and that reconciliation at another job would be quite difficult, even though there are times that I feel a change would be very desirable.

I appreciate your letter advising me that I'd failed to forward my last change of address.

I have always appreciated receiving the *Gear* and browsing through it and would doubly appreciate receiving this special issue.

Thanking you in advance, and if by chance

you ever visit out this way, please call me, for I'd certainly enjoy a visit with you.

Yours in H & T,
Elwin Lahn, Omicron '13

Sometimes a rut is not bad, if it's a good one. Bing Crosby has been in one for 20 years.

611 America St.
Baton Rouge, La.

Dear Brother Howe:

I will be at the above address for at least one year.

If in the future you have trouble reaching me, my parents' address of 911 Old Farm Road, Charlottesville, Va., will always get things to me.

I am happy to report that I have recently obtained my master's degree in Industrial Management at M.I.T. after 2 postgraduate years of study. I am now working as an electrical engineer for the Esso Standard Oil Company at their Baton Rouge refinery.

I enjoy very much keeping up with Theta Tau and in meeting other Theta Taus almost everywhere I have been since leaving the University almost 3 years ago.

Yours in H & T,
George P. McCasland
Pi '12

When you move again, let us know where you land, Brother McCasland. The P. O. usually won't forward the *Gear*, although we guarantee postage.

917 East Kemp Ave.
Watertown, S. D.

Dear Brother Howe:

Thank you very much for your letter of November 22 regarding the Golden Anniversary issue of the *Gear*. My mail is slow in

catching up with me these days, so I am using the above home address for most of my correspondence.

At the present time I am nearing completion of 16 weeks indoctrination at the Navy OCS School, Newport, Rhode Island, and will be commissioned an Ensign, Civil Engineering Corps, USNR, on December 16.

My first permanent duty is as yet unassigned, but from Newport I will report to Port Hueneme for 8 weeks of Sea Rec Training beginning January 7, 1955.

Yours in H & T,

Donald N. Anderson, Omega '42

By this time you should be seeing the world, Brother Anderson. Hope the Gear can keep up with you.

119th Air Base Sqdn.

Suffolk Co. AFB

Worthington Beach, L. I., N. Y.

Dear Sir:

This letter is for your information as well as for my fellow brothers from Delta Beta who are spread all over the United States.

After working for the American Air Filter Co., Inc., in Louisville, Ky. for five months, I was called to active duty with the U. S. Air Force. At the present time, I am stationed at the above address. I hope that any

of my friends who ever get up to New York will get in touch with me.

Also, if I can ever be of any assistance to the fraternity, I would be glad to give such assistance.

In H & T,

2/Lt. John T. McIntyre

Delta Beta '44

Thanks for the news. Hope its publication will serve to connect you with a Theta Tau or two.

Shaker Hts 20, Ohio
1009 Kerwick Rd.

Gentlemen:

Please change my address as shown above.

After spending 14 months in Vicksburg, Miss. on a new plant project, I am now back in Cleveland. I am an industrial engineer with Electric Controller & Mfg. Co. working on—you can imagine—a new plant project.

Best regards and keep up the fine quality of the Gear.

Sincerely yours in H & T,

Chuck Bednar

Delta '41

With such encouragement we can't fail, Brother Bednar. Tell us when you move again.

TO ALL MEMBERS OF THETA TAU

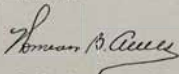
Official notice is hereby given that

SHAY HUFFMAN, IOTA '44, ROLL NUMBER 712,

is no longer a member of Theta Tau.

Take due notice thereof and govern yourselves accordingly.

In H & T,



Grand Scribe

In Memoriam

Charles Oscar Bird, Tau '11, died June 24, 1933. He was born in Rye, New York, on November 28, 1900. After high school he entered Syracuse University and graduated as a mechanical engineer in 1921. After graduation he entered the employ of the Good Roads Machine Corp. in Saratoga Springs, New York, as a design engineer, and was with them at the time of his death.

Arthur Henry Buntz, Gamma '22, died of a heart attack on June 4, 1934. He was born in 1901 in Cripple Creek, Colorado. After graduating from the Colorado School of Mines, he entered the employ of the City Engineer in Denver and remained with that office for 15 years, after which he went to work for the Colorado State Highway Commission. At the time of his death he was director of the Testing Laboratory for the Highway Commission.

John Peter Bussalda, Epsilon '12, age 48, died of a heart attack while on a field trip with his son on August 18, 1934. Born in Zealand, Michigan, he attended the University of Washington before going to California, where he received his B.S. in 1912 and the Ph.D. in 1915. He taught geology at California from 1915 to 1917 and at Yale from 1917 to 1921, returning to California as an associate professor in 1921. He was made full professor and dean of the summer session and in 1926 became professor of geology at California Institute of Technology and was head of the department at the time of his death. He was highly regarded in the profession. He was Regent of Epsilon and as long as he was at California, participated in the activities of the chapter.

Clarence Leonard Conard, Kappa '22, died in Chicago on September 15, 1934. He was born in Charleston, Illinois and graduated from the University of Illinois as an electrical engineer in 1922. After graduation he went to Chicago where he was employed as an electrical research man by the Diamond Power Specialty Co. and was with them at the time of his death.

John Owen Couch, Gamma '38, died in Kilgore, Texas, on June 18, 1931. He was born in 1914 at Fortville, Indiana. After attending Butler College for several years, he went to the Colorado School of Mines where he graduated as a petroleum engineer. After graduation he worked for the firm of consultants, Parker, Foran, Kande and Buntzright in Houston, Texas, and then was assistant field engineer for the Missouri Pacific Railroad at

Kilgore, Texas. In 1944 he became District Engineer for Dowell, Inc. in Kilgore.

Joseph Raymond Farley, Tau '41, died August 10, 1934 in Port Chester, New York, where he was a civil engineer for the State of New York, Department of Public Works. He was born on December 15, 1911, in Baldwinville, New York. During his college days at Syracuse University he was employed by the New York State Canal Department and following graduation he worked for the Engineering Division, U.S. War Department, and then the Corps of Engineers.

Rex Eugene Flynn, Gamma '47, died November 24, 1934. He was born April 10, 1915, at Garnett, Kansas. After completing high school in Lamar he entered the Colorado School of Mines and was originally of the class of 1940. He entered the armed forces while a student and was discharged as a major in 1944. He returned to college and graduated as a mining and petroleum engineer in 1947. He was Field Foreman for Stanolind Oil & Gas Co. at Riverton, Wyoming, when he was stricken with polio and was sent to Hot Springs, S. D., about two months before his death.

Alfred Hollis Geisler, Nu '18, died December 7, 1934. He was born February 21, 1916 in Pittsburgh, Pa., and studied metallurgical engineering at Carnegie Institute of Technology. After receiving his degree, he joined the staff of the Aluminum Co. of America, and eight years ago transferred to the General Electric Co. in Schenectady, New York, where he worked as a metallurgist.

John William Harrellson, Rho '09, charter member of Rho, died suddenly on March 12, 1935. He was born in Cleveland County, North Carolina, on June 28, 1885, and was educated at North Carolina State College, receiving a B.E. in 1909 and an M.E. in 1915. He was elected to Tau Beta Pi and Phi Kappa Phi scholastic honor societies. From 1909 to 1915 he was an instructor at North Carolina State, advancing in rank to become full professor in 1921. From 1914 to 1940 he was Dean of Administration and from 1940 to 1953 was Chancellor, retiring as Chancellor Emeritus. On December 14, 1935 he married Elizabeth Gunnor. Having served in the armed forces in World War I, he returned to the army in World War II and was awarded the Legion of Merit when he retired with the rank of Colonel in 1940.

Guy A. Hart, Lambda '11, died suddenly at Ware, England, January 16, 1915. He was born at University Place, Nebraska, June 28, 1891, a brother of Richard Ambrose Hart, Lambda '07. He married Rose Silver on June 25, 1911, who died May 26, 1933. Subsequently he married Marie Afflack. He was educated at the University of Utah—B.S. (C.E.), 1913 and C.E., 1916. For over a decade he served as Drainage Engineer, U.S. Department of Agriculture, then as engineer for several suburban developments in Florida. Returning to Utah, he served the State Road Commission on the construction of highways, particularly the east approach to Zion National Park. During the depression he served as Engineer Inspector on PWA projects and then worked with the CAA in the construction of western airfields and, during World War II, supervised the construction of an airfield at Aquino, Peru. Upon his return to the U.S. in 1945, Brother Hart became Supervising Engineer for the KFC in the liquidation of war plants, after which he became associated with Gen. Douglas MacArthur in the rehabilitation of Japan and Okinawa. He then worked with High Commissioner Elbert D. Thomas of the U.S. Trust Territory of the Pacific Islands in connection with reconstruction in several islands. Shortly before his death, he was transferred to supervise the construction of four WSAF air bases in England. He was a member of the Latter Day Saints Church and the Sigma Chi Fraternity.

Charles Day Higgleymen, Xi '27, died December 4, 1913. He was born in St. Louis, Mo. on December 20, 1901. He attended the University of Wisconsin and graduated as an electrical engineer in 1927. He then entered the employ of the Indiana & Michigan Electric Co., and at the time of his death was assistant superintendent of sub-stations in South Bend, Indiana.

Charles Taylor Hesse, Lambda '14, died August 6, 1914, in Cody, Wyoming. He was born in Weiser, Idaho, on November 8, 1911, and graduated as a civil engineer from the University of Utah. In 1916 he joined the Bureau of Reclamation and worked on various projects. In 1944 he was promoted to assistant chief of project planning with headquarters in Billings, Montana, and was there three years when he was made district engineer of the Upper Missouri district with headquarters in Great Falls, Montana. He was district manager of the Big Horn Basin District in Cody, Wyoming, in 1950.

Charles William Jeffers, Jr., Nu '23, charter member, died April 17, 1934, in Letter-

man Army Hospital, San Francisco, California. He was born in Wheeling, West Virginia, on March 18, 1899, and attended Lehigh University before going to Carnegie Institute to study mining engineering. In 1928 he was chief engineer for the U.S. Coal Company at Bradley, Ohio. After the war, he served the State Department in London and Geneva as a specialist and later the EAC as chief of the coal mining division. About two years ago he went to Korea to head the United Nations Reconstruction program.

Clifford Wood Johnson, Epsilon '27, was killed in an automobile accident on July 6, 1954, near San Bernardino, California. He was born in Forest Grove, Oregon, on May 8, 1905, and graduated from Pomona College in 1927. He then entered the University of California as a graduate student in geological engineering. After graduation he joined the geological staff of the Richfield Oil Company of Los Angeles, California, and was with that company at the time of his death.

Arthur Edward Larkin, Alpha '08, died suddenly in Duluth, Minnesota, on October 28, 1914. He was born in Emmetsburg, Iowa, in 1885. He entered the University of Minnesota to study mechanical engineering and was for three years on the varsity football team and quarterback of the 1904 championship team. After graduation he entered the employ of the Republic Cramming Company and remained with them until he reached the retirement age, when he was division manager in St. Louis Park, Minnesota.

Lawrence vander Leek, Epsilon '11, died at his home on July 17, 1934. He was born in Los Angeles on October 9, 1890. He entered the University of California in Berkeley in 1911 and graduated as a geologist in 1915. After graduation he was employed in the geology department of the Standard Oil Company of California, and after World War I he was with the California State Mining Bureau for four years. He became a general partner in the San Jose Oil Company, Ltd. and president of the San Jose Development Company, and had established offices as a consulting geologist in Los Angeles some years before his death.

Melvin Albert Loville, Sigma '12, was drowned in Painesville State Park, Ohio, on June 27, 1934. He was born in Youngstown, Ohio, in 1928 and served during World War II as a technical sergeant. He graduated as an electrical engineer from Ohio State University, and was a member of Eta Kappa Nu, scholastic honor society. At the time of his death he was employed by the Cleveland Elec-

tric Illuminating Company as a junior engineer in their Technical Service Division. Brother Linville drowned after his successful effort in saving a drowning woman.

James Angus MacKillop, Beta '06, died in Lake Wales, Florida, on February 6, 1935. He was born in Jackson Port, Wisconsin, on January 13, 1882. He spent 1901-4 at the University of Michigan and then entered the Michigan College of Mines where he graduated as an Engineer of Mines in 1906. From 1906 until 1910 he was superintendent of the Blue Bird Mine at Wickes, Montana, where his long friendship with Erich Schrader had its beginning. In 1911 he joined the staff of the Mariden Iron Company in Hibbing, Minn., and retired as general manager in 1947. Since that time he made his summer home in Peggily, Minnesota, and spent his winters in Florida.

William Louis Mahoney, Alpha '14, died on June 25, 1919. He was born in Minneapolis, Minnesota, on October 14, 1889. He graduated as an electrical engineer from the University of Minnesota and went to work for the General Electric Company in Schenectady. After World War I, he joined the staff of the Consumers Power Company in Jackson, Michigan and in 1922 the company sent him to Grand Rapids, Michigan, where he became superintendent of distribution.

Donald Hall McCreery, Eta '22, died June 11, 1931. He was born in Denver, Colorado, on June 12, 1899 and graduated as a civil engineer from M.I.T. in 1922. He was employed as a superintendent and chief design engineer by several engineering firms.

Floyd Lester Nutting, Zeta '15, died August 7, 1934, age 66. A native of Russell, Kansas, he graduated as a mechanical engineer from the University of Kansas in 1911. In 1924 he received his M.S. from Kansas and in 1928 his Ph.D. from the University of Chicago. At the end of World War I he went to Dillon, Montana, as a contracting engineer. After holding several teaching positions, he went to DuSoy Institute of Technology as assistant professor in physics and was made a full professor in 1947.

Omec Harold Rossmore, Omega '32, died August 3, 1934, from a heart attack. He was born on July 21, 1900 in Berlin, North Dakota, and attended South Dakota State College before going to the South Dakota School of Mines as a chemical engineer. At the time of his death he was the superintendent of the Pyrite Plant, McLaughlin, Gormley, King Co. in Minneapolis, Minnesota.

George Edward Snye, Nu '21, died March 28, 1934, in the Hillcrest Hospital, Pittsfield, Massachusetts. He was born at Sheffield, Mass., October 13, 1900 and he studied mechanical engineering, graduating from the Carnegie Institute of Technology in 1925. After a successful career as a city official of East Hartford, Conn., he joined the Pratt & Whitney Division of United Aircraft Corp. in 1941. In 1910 he moved to Massachusetts to join his brother in forming the Berkshire Airconditioning Co. and the Snye Co. in Pittsfield.

Alfred Leggett Smith, Beta '06, died July 19, 1934. He was born in 1881 in Pontiac, Michigan and educated in the Pontiac Public Schools. He attended the University of Michigan for two years and then entered the Michigan College of Mines where he graduated as a mining engineer. For some years he was employed as a mining engineer by the Brotherhood Iron Mining Company in Wakefield, Michigan, but returned to Pontiac and at the time of his death was building inspector for the City of Pontiac.

Charles Howard Todd, Delta '06, died November 20, 1934. He was born July 17, 1914, at Lakewood, Ohio. He studied engineering physics at Case and received his B.S. in 1936, his M.S. in 1937, and a Ph.D. at Ohio State in 1941. He was elected to Sigma Xi. He taught engineering physics at Ohio State for a few years and then went to Penn State University.

Stanley Moses Walker, Gamma '11, died of a heart attack in Katmandu, Nepal, on June 17, 1934. He was born in Denver, on October 1, 1887, and studied mining engineering at the Colorado School of Mines. From 1911 to 1926 he was employed as a geologist and from 1926 to 1928 he was general manager of the Rico Mining Company in Rico, Colorado. From 1932 to 1934 he was manager of the Ward Big Five Gold Mining Co. at Ward, Colorado. From 1939 to 1942 he served as assistant to the Director of the Denver Housing Authority and in 1942 joined the United States Bureau of Mines in the Mines Safety Division. In 1933 he went to Nepal for the U. S. Government as Mineral Attache to the embassy in Nepal.

Earl Joseph Weiner, Iota '17, died July 31, 1932. From the time he graduated until 1930 he was with the Snow Hill Coal Company of Terre Haute, Indiana, and then he moved to West Virginia. He was the brother of the late Raymond Samuel Weiner, Iota '18, who died April 17, 1943.

The GEAR of THETA TAU

OFFICIAL PUBLICATION OF THE FRATERNITY

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

Editors

210 ENGINEERING HALL

IOWA CITY, IOWA

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NUMBER 2

THAT'S RIGHT, THEY'RE RED

In the Golden Anniversary issue of *The Gear* the skull and crossbones badge first adopted by Theta Tau Fraternity was erroneously called a pledge pin. Likewise, on the cover and in two inside headings, Erich Schrader's name was misspelled. Unfortunately the editors cannot call back the issue and correct it in these respects. We can only sit in philosophic wonderment at how one can fail to notice obvious errors in material with which he is entirely familiar. The only retribution that can be made is to set the record straight and admit that when the errors were first discovered, our faces were the color of the Jacqueminot rose.

Although the editors did not write the chapter histories, they wish to call attention to the letter on page 27 from Charles A. Kumke, Beta '06 which also sets the record straight on Beta's early history.

Bad as we feel about these errors, we are not planning to leave town as did the editor who published the item: "Miss Susan Smith has as her house guest a school-girl friend, Miss Elizabeth Adams. Miss Adams is a blonde mess from Mississippi."

JWH

COUNSELLOR OF THETA TAU

The Golden Anniversary Convention was to be one where Erich Schrader could be paid the high honors due him for all his years of service to his Fraternity. When he became suddenly ill and was obliged to undergo surgery, many of these plans had to be modified. Fortunately, at the banquet Erich had a capable stand-in, his brother Ernest J. Schrader. Hon. Xi '21, to accept the tributes and the mementos there presented.

Before his illness, Brother Schrader had requested that at this convention he be relieved of continuing his duties as Grand Scribe, though he wished to continue as Executive Secretary, or Assistant Treasurer as he prefers to term the job. These wishes were respected, but it was the desire of all that he be retained as a member of the Executive Council. This happy result was accomplished by establishing for him the new office of "Counsellor of Theta Tau Fraternity" with its holder to be a member of the Executive Council, ex officio. To make sure that this would be a most distinctive honor it was further provided that the new post would be held only by Erich J. Schrader, with the position to be vacated forever upon his retirement.

from it. Thus was our founder and our leader for fifty years signally honored by the Theta Tau brothers who owe him so much.

PLM

THE CONVENTION

The finest convention of them all was the Founders' Golden Anniversary Convention in Minneapolis last October, marking fifty years of progress for Theta Tau. The presence of two of our founders, Elwin L. Vinal and W. Murray Lewis, added greatly to the pleasure and inspiration of the occasion and they in turn appeared to get almost as much kick out of the heavy program of activities as did anyone else.

The absence of founder Isaac B. Hanks and especially of our Number 1 founder, Erich J. Schrader, Mr. Theta Tau himself, was deeply regretted. It was some consolation, though, to know that even as we met, Brother Schrader was winning his battle with serious illness. Indicative of his rapid return to health is the fact that by late November he insisted on resuming his accustomed duties as Executive Secretary.

The October weather of Minneapolis gave an important assist in making the convention a good one, especially on the closing Saturday when a bright sun made the Minnesota-Illinois football game a fitting finish to four days of good fellowship combined with hard committee and business session work. Much credit for the outstanding

success of this Golden Anniversary celebration belongs to H. H. Hopkins and his able Convention Committee and to the Twin City Alumni Association and Alpha Chapter who were our gracious and helpful hosts.

PLM

EXPANSION

One of the important topics discussed at Minneapolis was the subject of expansion. For many reasons it seemed to be the unanimous opinion that we should have active chapters in many more engineering colleges.

The conversation culminated in establishing a new program looking in this direction under the competent guidance of our new Council of Past Grand Regents. Russell G. Glass was named chairman and H. H. Hopkins, secretary of this committee. Under their leadership plans are already well under way and there is high hope that Theta Tau can appear on many a new campus within the next few years.

As Russ Glass says, "This ambitious program can be successful only if every one of our 12,000 members participates. The Past Grand Regents will do their part, but all the way down the line we have some man on the spot that can really do the job if we give him the ammunition to put it across." It is up to us all to get back of this program and with a little daring and a lot of doing, we can get it done.

PLM

M. P. Cunious—"I say, old man, I'm in a terrible fix. I need some money badly, and I haven't the slightest idea where on earth I'm going to get it."

T. I. Twadd—"I'm relieved to hear

that, I was afraid you might have an idea you could borrow it from me."

Then there was the chemical engineer who died from drinking shellac. The boys all said he had a good finish.

Additions to Membership

BETA

- 748* Glenn Ray Nordbeck, Milwaukee, Wis.
 710 Lyle Philip Tunno, Jr., Hamack, Mich.
 711 Daniel Joseph Scallen, Grout Pointe Park, Mich.
 752 Joseph John Kotales, Muskegon Heights, Mich.
 753 Vernon Everett Metzger, Saginaw, Mich.
 714 Roger Rudolph Ulrich, Ishpeming, Mich.
 711 Raymond Lawrence Merrifield, Copper Cliff, Ont., Canada
 714 Ronald Joseph Meyette, Pincunung, Mich.
 757 Eugene Bert Davis, Romulus, Mich.
 718 Carl John Nelson, Ishpeming, Mich.
 719 Elden Delmar Johnson, Hazel Park, Mich.
 760 Ronald Leslie McKee, Marshall, Mich.
 761 William Edward Briggs, Marysville, Mich.
 762 Donald Gail Russell, Huntington Woods, Mich.

*Inactive as listed in the last Gov.

GAMMA

- 816 Robert Lee Graham, Chicago Heights, Ill.
 817 Robert Joseph Hohne, Olpe, Kansas
 818 Alexander Bruce Macdonald, Calgary, Alberta, Canada
 819 Albert Samuel McEllis, Bridgeport, Conn.
 820 Ronald Eugene Diedrich, Golden, Colo.
 821 Robert Henry Doll, Casper, Wyoming
 822 Austin Eugene Fuhr, Denver, Colo.
 823 Willard Leslie Goodwin, Sea Cliff, N.Y.
 824 James Wright Hobbs, Wichita Falls, Texas
 821 Ronald Leon Lewis, Seward, Alaska
 826 Marion Jack Meyer, Pueblo, Colorado
 827 Sheldon David Murphy, Grand Junction, Colo.
 828 Richard Kirch O'Neil, Denver, Colo.
 829 William John Yopp, Mundelein, Ill.
 836 Clifton Clair Simmons, Delta, Colo.

EPSILON

- 766 Gordon Lee Bertholomew, Long Beach, Calif.
 767 William James Ervin, Jr., Whittier, Calif.
 768 Merrett Lewis Herring, Berkeley, Calif.
 769 Mark Alan Hodgson, Oakland, Calif.
 770 Luther (nmn) Little, Northwood, Ia.
 771 Roger Alvon Lowe, San Jose, Calif.
 772 Julia Juan Navarro Munoz, Buenos Aires, Argentina
 773 Jack Richard Sheehan, Sacramento, Calif.
 774 William Byron Stoddard, Oakland, Calif.
 771 William Clyde Wardle, Oakland, Calif.

THETA

- 168 Joseph (nmn) Estrie, Philadelphia, Pa.
 161 Farrah Robert Forsod, New York, N.Y.

- 162 Jack Bee Freeman, Brooklyn, N.Y.
 163 Neil Allan Hansen, Brooklyn, N.Y.
 164 Harold Evans Jennings, Jr., Bronxville, N.Y.
 161 Richard Earl Kamron, Flushing, N.Y.
 166 Rene Floyd Kren, Bullerose, Long Island, N.Y.
 167 Peter Adrian Walter Lewis, New York, N.Y.
 168 Robert Ira Peatman, Brooklyn, N.Y.
 169 Morton William Scott, West New York, N.Y.
 170 Rudolph John Thoden, Long Island City, N.Y.
 171 Elmer Lewis Gaden, Jr., Briegwaters, N.Y.
 172 Mario G. Salvadori, New York, N.Y.

IOYA

- 713 Dale Eugene Chapman, Jennings, Mo.
 714 Dale Jackson Orrick, St. Louis, Mo.
 715 Joel Nicholas Cookery, Jr., Marion, Ill.
 716 Joseph George Buskirk, St. Louis, Mo.
 717 Charles Wilson Schuman, Rolla, Mo.
 718 Samuel (nmn) Smart, Sparta, Illinois
 719 John Michael McCarthy, East St. Louis, Illinois
 740 Lawrence (nmn) Held, Jr., Hagginsville, Mo.
 741 Raymond Allen Stewart, Hagginsville, Mo.
 742 Harold Sam Thompson, Kinderhook, Illinois
 743 Benjamin Kidd Smith, Poplar Bluff, Mo.
 744 Charles Edward Guckel, Carthage, Mo.
 745 Virgil Lee Powell, Centralia, Mo.
 746 Raymond Ernest Pfaff, Jr., Normandy, Missouri
 747 Ralph Holland Jones, Maplewood, Mo.
 748 Peter August Van Dusen, University City, Mo.
 749 Peter Anthony Gerard, Park Ridge, Ill.
 710 Otto LaVerne Burlison, West Plains, Missouri

LAMBDA

- 644 Leo Brent Eggar, Salt Lake City, Utah
 649 Jack Marshall Cobb, Salt Lake City, Utah
 670 Marvin Hienz Berthold, Salt Lake City, Utah
 671 Hiram Clarence Thomson, Salt Lake City, Utah
 672 Carl David Spear, Salt Lake City, Utah
 673 Richard Alma Jensen, Salt Lake City, Utah
 674 Allen Don Zandbrunson, Salt Lake City, Utah

XI

- 168 James Rudger Bley, Milwaukee, Wis.
 169 John William Goetsch, Madison, Wis.
 170 David Theodore Kjell, Solon Springs, Wisconsin

OMICRON

- 477 Robert Phil Utter, Mason City, Iowa
 478 George Jay Parker, Rockford, Ill.
 479 David Keith Zimmer, Moline, Illinois
 480 Donald Kenneth Brown, Sioux City, Iowa
 481 Duane Arnold Black, Kewanee, Ill.
 482 James William Koster, Washington, Ia.
 483 Charles Vernon Fada, Red Oak, Iowa
 484 Louis Clark Pray, Fort Dodge, Iowa
 485 Robert Henry Hornback, Jr., Rock Island, Illinois
 486 James Frederick Luth, Burlington, Ia.

RHO

- 107 Stanford Morgan Adams, Four Oaks, N. Carolina
 108 Henry Otis Foster, Winston-Salem, N. Carolina
 109 Hayne Caldwell Hair, Spencer, N.C.
 110 David Furman Herbert, Rocky Mount, N. Carolina
 111 Charles Edward Lundy, Rocky Mount, N. Carolina
 112 Bernice Wilbur Odin, Wilmington, N. Carolina
 113 Joseph Tatam Pearson, Jr., New Bern, N. Carolina
 114 Thos Robert Porter, Raleigh, N.C.
 115 Thomas Gilmer Proctor III, Hendersonville, N.C.
 116 Joseph Kelly Reid, Jr., Plymouth, N. Carolina
 117 Henry Wilson Tutterow, Jr., Mocksville, N. Carolina
 118 John Thomas Vaden, Francisco, N. Carolina

SIGMA

- 421 Harold Eugene Bingham, Canton, Ohio
 426 Robert Earl Fenton, Cleveland, Ohio
 427 James Kemper Floyd, Columbus, Ohio
 428 William Lee Flumerfelt, Columbus, O.
 429 David Alexis Grynak, Akron, Ohio
 430 Kurt Michael Lammeret, Minster, Ohio
 431 Lewin Kenneth Lucas, Zanesville, Ohio
 432 Robert George Mayers, Shreve, Ohio
 433 Kendall Don Mease, Akron, Ohio
 434 Donald Delton Metzger, Toronto, Ohio
 435 Ramon Alan Romani, Detroit, Mich.

UPSILON

- 432 James Clayborn Barr, El Dorado, Ark.
 433 Louis Clarke Shoppard, Pine Bluff, Ark.
 434 Marvin Palmer Terrell, Bauxite, Ark.
 435 Alfred Eugene Johnson, Little Rock, Arkansas
 436 David Gordon Gatz, Berryville, Ark.
 437 James Charles Haden, Springdale, Ark.
 438 Gene Ferrell Holloway, Arsenal, Ark.
 439 James Morris Hubbard, De Queen, Arkansas

- 440 John A. Riggs, III, Little Rock, Ark.
 441 Joseph Lloyd Shelton, De Queen, Ark.
 442 Thomas Ewing Taylor, Malvern, Ark.
 443 James Fletcher Townsend, Jr., Pine Bluff, Arkansas

PHI

- 104 Edward Charles Thoma, West Lafayette, Indiana

CHI

- 471 James "I." Knickerbocker, Tucson, Arizona
 472 Heliodore Aime Maccoas, Tucson, Ariz.
 473 James Richard Ankam, Tucson, Ariz.
 474 Harold Lorton Glenn, Tucson, Ariz.
 475 Richard Gray Guthrie, Phoenix, Ariz.
 476 Gerald Lyle Stephens, Denver, Colo.
 477 Wayne Howard Tuttle, Casa Grande, Arizona
 478 John Carlson Tverberg, Casa Grande, Arizona

OMEGA

- 442 James Robert Bump, Rapid City, S.D.
 443 Robert Duane Bush, Watertown, S.D.
 444 Joseph Keith Carriere, Buffalo, S.D.
 445 William Thomas Cohen, San Francisco, California
 446 Gerald Joseph Desjarlais, Rapid City, So. Dakota
 447 Arnold Daniel Doyle, Rapid City, S.D.
 448 Berton Roger Fels, Watertown, S.D.
 449 Lleyll Arlin Fry, Canning, S. D.
 450 Robert Wayne Heirigs, Rapid City, S.D.
 451 Earl Wayne Kimmhan, Mt. Vernon, S.D.
 452 Robert Alfred Tagtow, Reliance, S.D.
 453 William Edward Tucker, Pierre, S.D.
 454 Thomas Manville Waterland, Mount Shier, B.C., Canada

DELTA BETA

- 275 Leon Benjamin Jenkins, Jr., Louisville, Kentucky
 276 Plummer Campbell Smither, Jr., Louisville, Kentucky
 277 William Edwin Jarrett, Louisville, Ky.
 278 Robert Netherland Hart III, Louisville, Kentucky
 279 William Hart Ross, Anchorage, Ky.
 280 Martin Joseph Grimm, Jr., Louisville, Kentucky
 281 Thomas Cruise Mapother III, Louisville, Kentucky
 282 Charles Donald Elliott, Louisville, Ky.
 283 Eldred Nolan Carr, Jr., Louisville, Ky.
 284 Warren Paul Johnson, Louisville, Ky.

EPSILON BETA

- 79 Ronald Charles Anderson, Detroit, Mich.
 80 John Garfield Dodge, Clawson, Mich.
 81 Harvey Allen Hedland, Birmingham, Michigan
 82 Joseph Stephen Licht, Clemens, Mich.
 83 Albert Mike Mandel, Detroit, Mich.

Chapter Advisers

ALPHA—Prof. Miles S. Kersten, C.E. Dept., University of Minnesota, Minneapolis, Minn.

BETA—Prof. L. F. Duggan, Michigan Tech., Houghton, Mich.

GAMMA—Prof. Lute J. Parkinson, Colo. School of Mines, Golden, Colo.

DELTA—Prof. L. J. Reardon, C. E. Dept., Case Inst. of Tech., Cleveland, Ohio.

EPSILON—Dr. Samuel P. Welles, 982 Santa Barbara Rd., Berkeley, Calif.

ZETA—Prof. T. F. McMahon, 6 Westwood Dr., Lawrence, Kan.

THETA—Prof. Walter LaPierre, Col. of Engr., Columbia U., New York 27 N. Y.

IOTA—No replacement has been named for Prof. J. B. Butler.

LAMBDA—Mr. Preston Linford, C. E. Bldg., U. of Utah, Salt Lake City, Utah

MU—Prof. William K. Rey, Engr. School, Univ. of Alabama, University, Ala.

XI—Prof. G. A. Rohlich, 9 Hydraulics Laboratory, Univ. of Wis., Madison, Wis.

OMICRON—Prof. Ned Ashton, C. E. Dept., University of Iowa, Iowa City, Iowa

PI—Prof. Lawrence Quarles, E. E. Dept., Univ. of Virginia, Charlottesville, Va.

RHO—Prof. T. C. Brown, M. E. Dept., No. Car. State College, Raleigh, N. C.

SIGMA—Prof. Edmund D. Ayres, 2595 Berwyn Rd., Columbus 21, Ohio

TAU—Prof. Gerald Walsh, Dept. of Engr. Drafting, Bldg. #5, Syracuse University, Syracuse 10, N.Y.

UPSILON—Mr. J. R. Bissett, C. E. Dept., Univ. of Arkansas, Fayetteville, Ark.

PHI—Prof. E. C. Thuma, C.E. Dept., Purdue University, Lafayette, Ind.

CHI—Mr. Philip D. Newlin, University of Arizona, Tucson, Ariz.

PSI—Prof. Koehler Stout, Montana School of Mines, Butte, Montana

OMEGA—Mr. Howard H. Wells, S. D. School of Mines, Rapid City, S. D.

GAMMA BETA—Dr. H. A. Miklofsky, School of Eng., George Washington U., Washington, D.C.

DELTA BETA—Prof. M. G. Northrop, E. E. Dept., Univ. of Louisville, Louisville, Ky.

EPSILON BETA—Prof. Harold G. Donnelly, Eng. Col., Wayne U., Detroit, Mich.

Letters from the Chapters

Alpha Recuperating After Successful Convention



Alpha Chapter extends its best wishes to all members of Theta Tau. In this, the Golden Anniversary Year of the fraternity, only fifty short years ago Theta Tau was founded here at the University of Minnesota and we at Alpha are proud to carry on the principles and traditions set down for us by our founders, Erich J. Schrader, Elwin L. Vinal, William M. Lewis, and Isaac B. Hauke.

The major event of this school year has, of course, been the convention. The Fiftieth Anniversary Convention of Theta Tau was held at the Dyckman Hotel in Minneapolis from October 13 to October 16, 1914. The convention was officially opened Wednesday morning by Regent Frigaard of Alpha. Wednesday and Thursday were held in much the same way as past conventions, with the usual run of convention and committee meetings. Some of the important matters of legislation were the decision to allow an active membership of 10 per chapter, constitution changes, the decision to reprint the ritual, and the election of the Grand Executive Council.

Although much convention business was accomplished on Friday and Saturday, these were the two days that notably distinguished this from other conventions. On Friday, October 17, an initiation was held by Alpha Chapter and Brother Roy Shelus was welcomed into Theta Tau. Following this was

the traditional banquet, but this one boasted a score of celebrities. Two of the founders, William M. Lewis and Elwin L. Vinal, were present and spoke of the early days of the fraternity and of their business activities. Brother H. H. Hopkins shared the manner of ceremony spot with Joe Skovholt of the Twin Cities Alumni Association.

Probably the only fact which detracted from the brilliance of the occasion was the inability of Erich Schrader to attend, but his presence was felt in spirit if not in reality. There were two gifts presented to Brother Schrader at the banquet and received by his brother, Ernst, in his absence. The first was a large framed picture of the four founders as they looked when Theta Tau was a baby. The second gift was a bound book of letters to Erich personally from all the brothers who know him.

On Saturday the convention closed. In the afternoon many of the guests attended the Minnesota-Illinois football game. In the evening an informal dinner-dance was held at the hotel.

We at Alpha hope that all who attended the convention enjoyed themselves and left Minneapolis with a feeling of fraternal knowledge and accomplishment.

With the bustle of the convention over, Alpha Chapter resumed its normal activities. The social season started with a party following the game with Michigan State, October 10. The party was based on two themes, Homecoming, and Halloween. Everyone celebrated Minnesota's victory, including seven



Alpha Christmas Formal at Calhoun Beach Hotel

brothers from Beta Chapter who made the trip to see the game. On December 4, Alpha held its annual Christmas dance at the Calhoun Beach Club. The dance was semi-formal and, following dinner, a very good time was had in dancing, singing carols, and receiving presents from our private Santa Claus (Brother Walt Wychow). On January 29 the formal was again brought out of mothballs and taken to the Interlachen Country Club for the Polytech semi-formal dance. The Polytech is sponsored by the four engineering fraternities on campus, AXE, KHK, Triangle, and Theta Tau, and is an excellent means by which we can exchange ideas with these other organizations. Our Valentine's Day party was held at the chapter house on February 12. The social committee decorated the house with paper hearts and streamers and arranged a spaghetti supper later in the evening. The party was a great success but we learned that spaghetti is not the nearest thing to serve at a party. In short, the "clean-up" committee almost blew a gasket.

Naturally Alpha is active in all school activities, but especially intramural sports. Just because we're active doesn't mean that we're "change", however. During Fall Quarter, we participated in touch football and bowling. The keglers, Bob Frigaard, Joe Kinsinger, Dave Husby, Frank Maney, and John Bounding, took Theta Tau to second place in their division and made the playoffs. Our touch-ball team took first place in our division (the Professional Fraternities League). The starting lineup was Bob Frigaard, Dick Swenson, Bob Mockenhaupt, Tom Leonard, Dick Husby, Frank Maney, and Bob Andrews. Although the Winter Quarter sports won't be over for a month, our bowling team should make out pretty well. They've been hot all quarter and even set a total pine record for their league.

The members of Alpha have been anxious for a new house for quite a long while. In fact, the minutes book of 1937 states that a resolution was passed by the active chapter to

the effect that the present house was inadequate. We needn't mention all the ills of our house, but can say quite frankly that it hasn't improved with age. The ball started rolling at the Founders' Day Banquet of 1933 when John "Dinky" Moore sent a letter with suggestions for a new house and a pledge of \$100 to help out. Other alumni responded spontaneously and the project picked up speed. A finance committee was formed; an architect, Brother Dale McNary, engaged; and the University was informed of our intention to build. Since the University eventually intended to expand into the neighborhood where our chapter house is located, they purchased it from us. So the present house situation is that we are renting our house from the University, have enough money in the bank to start building, but don't have a lot. In January 1955, the active chapter examined the property around the campus and submitted a list of the available lots to our alumni. Their decision is pending, but the result should be that construction will begin sometime this spring.

The present Alpha Chapter officers are: Robert Frigaard, Regent; Donald Gray, Vice Regent; Horton Elleby, Treasurer; and Richard Husby, Scribe. The active membership is 14 members and one pledge. The Rushing Committee intends to enlarge its pledge class so that by June Alpha will have been strengthened to about 20 members.

Alpha Chapter would like to thank its alumni for the exceptional work they have done this past year both on the convention and on the new house. Our sincerest thanks also go to Dr. Miles Kersten of the Civil Engineering Department, our chapter advisor. We realize that these men are required to put a large amount of their time into their jobs and still manage to spend their spare time helping and encouraging our chapter. We are indeed grateful.

In H & T,

Robert Mockenhaupt,

Newsletter Chairman, Alpha

You Name It and Beta Has It



Beta Chapter extends fraternal greetings to all members of Theta Tau. Beta began the fall term with a fine group of officers who were elected the previous spring term. They are as follows: Glenn Nordbeck, Regent; Ben Peterson, Vice Regent; Jim Lutscher, Scribe; Dale Ball, Treasurer; and John Pearson, Marshal. Professor L. F. Duggan continues to give us able guidance as chapter advisor.

With the lighting of the 50th Anniversary Candle at the annual banquet held on October 17, Beta celebrated the Golden Anniversary of Theta Tau. The following day Beta participated in the annual homecoming celebration and held a party at the chapter house following the homecoming dance.

Once again the annual Christmas Party turned out a success for members and pledges alike. A fine turkey dinner was enjoyed by all present and then gifts were exchanged. The gifts were then turned over to the children's orphanage.

On January 8, five new members were



Float Entry—ill fated ship "Peter Pan"

initiated into the chapter, raising the number of active members to 48. There are six pledges in the present class.

For the fourth consecutive year Beta has won the Michigan Tech winter carnival and the Blue Key Fraternity Achievement Award. Beta again took first place in the skits with the portrayal of the "Student Prince." Tragedy struck Beta's float entry, the good ship "Peter Pan", as it caught fire and burned midway in the float parade. However, as the floats were judged prior to the parade, the ill-fated ship was still able to take top honors. A first place was also copped in the individual athletics.

Incidentally, after winning permanent possession of the winter carnival traveling trophy last year, Beta has gained possession of the new one for the coming year.

As far as athletics go, Beta took a first in the intramural basketball race as well as a

third in the swimming meet. Right now Beta is in the midst of the hockey playoffs and in strong contention in the other minor sports. Many members in the house hold down positions on the various squads.

Once again this year the fraternity has maintained its record of holding the highest fraternity-house scholastic average on campus. Seven of the house members are active in Tau Beta Pi.

At the present time plans are being made concerning the Spring Formal and Spring Picnic.

The Rhombodendron will be in the mail shortly. Any alumni who has changed his address should tell us his whereabouts so he will be sure to receive a copy.

Yours in H & T,
Bernard Kruska
Corresponding Secretary



Beta's Snow Statue

Gamma Runs Orientation Program

GOLDEN COLORADO

This year of our fiftieth anniversary has been a very active one for Gamma Chapter at the Colorado School of Mines. We observed the anniversary with a dinner held last fall which was enjoyed not only by the actives and pledges but also by several distinguished alumni from the Rocky Mountain area. Professor George LaMaire, our faculty adviser, was the main speaker. Remarks by Professor Arnold Barnes concerning the chapter's activities during the "old days" provided a very entertaining sidelight. At the dinner the following new pledges were presented:

Gary Hill — Billings, Mont.
Jim Neal — Superior, Wis.
Jim Peterson — Wheatridge, Colo.
John Blomberg — La Grange, Ill.
Keith Thistlewood — Trar, Iowa
Ralph Armstrong — Long Beach, Calif.

The addition of this excellent group of men has brought our membership to a total of 10.

In conjunction with another professional fraternity the chapter is carrying out an orientation program designed to help fresh-

men and sophomores choose their options. This series of lectures, discussions, and technical movies is being directed by committee chairman Jim Hobbs.

This year, as usual, Gamma chapter will have a technical display booth and also sponsor a rock drilling contest during the Mines Engineers-day celebration.

A highway sign pointing out "Colorado Mines Peak", a 13,800-ft. mountain on the continental divide officially named by Gamma last year, is being designed by members of the chapter and will be placed by the highway department next spring.

On the week end of February 19-20, the annual all-school winter carnival was sponsored by Theta Tau. The festivities included skating and skiing and a dance held at Evergreen, the locale of the activities. As usual the carnival was a very gala affair, thanks to the committee and its chairman, John Blomberg.

As an experiment in fund raising the chapter acted as agent in taking orders and distributing photos which were taken for the school annual. Under the direction of Dick O'Neil the venture was a huge success.

In spite of a heavy academic schedule, many members of Gamma Chapter have found time to distinguish themselves in various school activities this year. Our regent, Alan Osborne, is head of the senior class; Bob Huber is vice-president of the student body; and no less than six of the eight campus social fraternities have Theta Tau men in their highest office. Five members are on the varsity basketball team and 12 received letters for varsity football last fall. Outstanding among the campus athletes is our vice regent, Bill Westhoff, who annually letters in four sports. Bill, a senior in Geophysical Engineering, has been chosen for three years on the scholastic all-American team and this year was picked, by coaches and sports writers, for the first string of both the All-Rocky Mountain Conference and All-Rocky Mountain Regional teams.

As proof that Theta Tau also stands for scholastic achievement, five members of Gamma Chapter were the Best of Tau 1954 N. honorary scholastic fraternity.

The chapter officers for this year are: Regent Alan Osborne, Vice Regent Bill Westhoff, Treasurer Chuck Spielman, and Scribe Pat Thomas.

Yours in H & T,
Dick Barnes
Corresponding Secretary



Bill Westhoff

Delta Proud of Record Breaking Cage Star



The officers of Delta Chapter are: Regent, Ed Petruska; Vice Regent, Dave Warrick; Scribe, Jim Klaus; Treasurer, Jack Wright; Marshal, Rick Layman; Inner Guard, Jim Schiller; Outer Guard, Bob Eber.

Our chapter adviser is Professor Lester J. Reardon of Case's Civil Engineering Department. There are 47 active members, 15 of whom were just initiated on Sunday, February 20.

The year began with a dinner meeting featuring as guest speaker, Mr. Arthur Bach, placement director at Case. His talk gave us an insight as to what to expect from industry this year and some special tips on interviewing procedure. This was quite informative for the seniors and we recommend, if possible, that all chapters conduct a similar meeting in the fall.

The biggest job of Theta Tau at Case each year is to conduct campus tours for visiting high school students. This year we will have five tours, being host to approximately 150 prospective Case men at each tour. The tours are all-day affairs, beginning in the morning with a general trip through all the buildings and facilities. The high school men are then guests for lunch at one of the fraternity houses on campus, and then spend the afternoon in the department of their choice, discussing the setup and the opportunities for them in that department. The day winds up with talks by the Activities Director and the Head of the ROTC Department.

Our members this year are very active on campus. We have among our ranks the president of the Case Senate, the president of the Interfraternity Council, the manager of the Case Music Club, the president of the Case

News Service, and the president of the senior class.

One of our members has achieved particular fame. John Hollis, a senior in Civil Engineering, now holds all Case basketball records for individual scoring. He recently gained the single game record by netting 48 points against Mr. Union, and in addition has pushed his career total above the 1000 point mark, a record held by only a handful of Cleveland area cagers. John was honored at the Western Reserve game on March 3 by having it declared "John Hollis Night." He was given a plaque and a specially dedicated basketball.

Besides basketball, Theta Tau are represented in almost every sport, including varsity track, wrestling, and tennis.

Edward Petruska, Regent
Delta Chapter



John Hollis, Delta, '11, scores two points against Western Reserve. Case won.

Epsilon Has Noon Luncheon Meetings



Epsilon Chapter began the fall semester under the able leadership of Regent Bill Brewer, Vice Regent and Marshal Dick Thompson, Scribe Ron Kirby, Treasurer Carlos Andrade, Corresponding Secretary Jack Smith, and Advisor Dr. Samuel P. Welles.

Noon meetings complete with a hot lunch were reserved for chapter business. Three informative evening smokers were held which featured faculty speakers.

The evening meeting on October 7 was highlighted by a talk by Dr. Parker Trask. Another Trask spoke on his experiences while serving as State Department adviser to the metals industry in Egypt. This interesting talk was illustrated by slides.

On November 11 an evening smoker featured an informative illustrated talk on his recent stay in Germany by Dr. David Mitchell.

At the third evening smoker of the semester members and rubens heard Dr. Howell Williams speak on a favorite subject, volcanoes.

The informal initiation was held December 8, followed on December 10 by the formal

initiation. After the initiation the traditional banquet was held in honor of the 11 new brothers at the Marine's Memorial Club in San Francisco. The banquet was ably presided over by Dr. Jack C. Evernden. Brother Evernden had two strikes against him as M.C., since he had given a very tough midterm in Geology III earlier in the day. However, all present agreed the banquet was a real success.

The spring semester finds Carlos Andrade as Regent leading an active chapter of 36. He is assisted on the Executive Committee by Dick Thompson, Vice Regent; Pete Norton, Scribe; George Doumani, Treasurer; Bill Wardle, Marshal; and Skip Wollenberg, Corresponding Secretary.

On tap as chapter activities for the spring are four noon business meetings, three evening smokers featuring faculty speakers, and a field trip-picnic for members and their ladies.

The date of the informal initiation is May 11, followed by the formal initiation and banquet on May 13.

Recent news from far-flung Epsilon alumni finds Bud Bauer, '52, on active duty with the Army in Germany. He'll be returning to Berkeley for grad work in paleontology in the fall. Brother Ed G. Simpson, now residing

at 1138 Monaco Parkway, Denver, is running the show at the Geological Exploration and Development Company. Brother V. L. Vanderhoof, geologist with Intex Oil Co. of Bakersfield, California has just completed building a new home at 721 California Ave., Santa Barbara. We were pleased to have Brother F. W. Varney help us celebrate the last formal initiation banquet. Brother Varney is now residing at 1990 Beach Street, San Francisco, but spends part of his time in nearby Sonoma. Brother Charles Anderson is now Chief of the Minerals Branch of the U. S. Geological Survey in Washington, D. C. Francis W. Anderson, 29 years a geologist and mine superintendent with Anaconda Copper is now on the staff of George M. Fowler Geological Consulting Co., Joplin, Mo. Brother Anderson resides at 1301 Taylor Rd., Knoxville, Tenn.

The future of Epsilon Chapter looks bright, with plans being formulated for a chapter house to be built on a lot generously donated by Brother George D. Londerback. The space is presently being used as a parking lot and as such acts as a steady source of chapter funds.

Yours in H & T,
Harold Wollenberg
Corresponding Secretary

Zeta Was Host to Jamison Vawter

LAWRENCE KANSAS

Zeta Chapter extends fraternal greetings to all members of Theta Tau. At our last election the following officers were elected: Regent, Bob Pope; Vice Regent, Paul Pankratz; Treas-

urer, Marshall Brown; and Carol Shaw as Corresponding Secretary. Professor T. F. McMahon is still doing a grand job as chapter adviser.

The fall semester started off with the formal initiation of nine new brothers: Howard King, Carol Shaw, LeRoy Felzien, Glenn



Top Row: Rex Blumberg, Ron Fryett, George Holyfield, Jim Harpel, Bob Bruce, Don Finn, Lester Brunken, Douglas Wallace, Eldon Benni, Larry Merrigan, Bob McCammish
Third Row: Carol Shaw, Ray Criss, Howard King, LeRoy Felzien, Milt Sills, Ron Haight, Vernon Johnson, Joe Engle, Jim Rose, Jack Goble
Second Row: Benny Anderson, Jack Rogers, Al Smith, Dick Cooklin, Ed Peyton, Ivan Hesman, Bill Latimer, Kevin Dryden, Bill Mains
Bottom Row: Bill Franklin, Leon Clark, Dale Trent, Stuart Culp, Bob Pope, Paul Pankratz, Phil Platt, Marshall Brown, Ken White, Glenn Kirk

Kirk, Jack Goble, Kevin Dryden, Doug Wallace, Raymond Criss, and Bill Youngman. We now have thirty-two actives and eight pledges in the chapter.

On Saturday, April 17, 1914, Zeta Chapter went all out in its celebration of Theta Tau's first fifty golden years. The outstanding feature of this celebration, of course, was the visit of the outstanding Zeta Chapter alumnus, past Grand Regent Jamison Vawter, to the chapter house. This was Brother Vawter's first visit to his home chapter in many years and on occasion the alumni attending the event and the actives and pledges of our chapter will long remember. The celebration featured an all-day alumni reunion at the house, highlighted by the Golden Anniversary Dinner at which Grand Regent Vawter was the speaker.

Zeta held its annual Christmas formal at the Lawrence Country Club last December with the excellent guidance of Bill Latimer, our Social Chairman.

Zeta's men are still active in all the engineering organizations. Our men are members and officers in Sigma Tau, Tau Beta Pi, Sigma Pi Sigma, Engineering Council, Sachom,

AICHE, ASCE, ASME, AIEE, and many other organizations.

A Get-Acquainted-Speaker was recently held at the chapter house so that we might become better acquainted with new members of the Engineering School.

Preview of coming attractions include the annual Engineer's Ball, the Hub-Nail Hop, Engineering Exposition, and Zeta's informal Red Dog Party.

Again the chapter has volunteered to build the entranceway to the engineering building in connection with the exposition. Also, most of our members will be working in their own departments on displays.

At the end of the fall semester, Brothers Ken White, Vernon Johnson, and George Holyfield graduated. Brothers Ed Peyton, Paul Pankratz, Larry Taylor, Bill Roe, Larry Morrison, Bob Bruce, and Joe Engle will be graduated at the end of the spring semester.

Zeta wishes to extend an invitation to all brothers to visit the chapter whenever possible.

Yours in H & T,

Carol Shaw

Corresponding Secretary

Theta Measures Osculation Oscillations



Theta Chapter wishes to extend fraternal greetings to all our brothers in Theta Tau, and hopes that the other chapters are enjoying as successful a year as we are.

As always, the brothers of Theta Chapter are well known in the Engineering School both for the chapter activities and other positions of prominence. Half of our seniors are in Tau Beta Pi, along with a liberal sprinkling of other honoraries—even Phi Bates! Virtually the entire staff of the Engineering Yearbook are Theta Taus, as is the staff of our weekly Engineering Newsletter. Theta never lacks publicity! We hold the political reins as well, the majority of the members of the Student Council, including its president, being brothers, as is the Engineering delegates to the University Student Council. The Student Lounge for the Engineering School, recently completed, would never have been a reality except for the labor provided by Theta's pledges. The chapter stole the show at the annual Engineers' Formal by providing the traditional "gimmick", which consisted of a machine to measure the potency of kisses—the EE's masterpiece. Needless to say, the "gimmick" was enjoyed by many of the couples at the dance.

The chapter's activities, as always, have been numerous. Aside from the many stag dances, attended by revisiting beauties from the sororities throughout the City, we have had our share of beer parties and "drag" affairs. Professionally, we have been active with our popular luncheon meetings with speakers from the faculties of Law, Humanities, and Engineering. The chapter published a newsletter in the fall and expects to go to press again in the near future. In conjunction with the Alumni Association, we sponsored two counselling cookers intended to acquaint the students with the realities of the "cruel outside world" of the profession.

The chapter was pleased to have Grand Regent Vawter and Grand Vice Regent Hinckley on hand for our fortieth anniversary banquet and an honorary initiation at the close of last year, and we are doubly pleased to claim the honor of having the new Grand Regent come from Theta's ranks.

A full schedule of social and professional activities is planned for the coming semester, and with the chapter's ranks filled with active men, we anticipate a successful year.

A cordial invitation is extended to all brothers who happen to be in the vicinity of the Big City to drop in and see us.

Yours in H & T,

John R. Campbell, Regent

Iota Plans Spring Events



Greetings from Iota Chapter:

The chapter officers are: Otto (Buck) Burleson, Regent; Dale Orsick, Vice Regent; Bill Geriland, Scribe; Ralph Jones, Treasurer. The chapter adviser is Professor Joe B. Butler, of the Civil Engineering Department. (Note: Word has been received of Professor Butler's recent death.)

Rushing has not yet begun for this semester and therefore we have no pledges at

the present time. As of now we have 31 actives.

The only activity Iota Chapter held during the first semester was the election of officers. We have had no social activities.

However, Brother Burleson, Regent, and the committee he has appointed for Social Activities have set up for the second semester several social events. We hope to achieve greater personal friendships among the members and between students and professors.

Yours in H & T,

Daniel J. Houser

Corresponding Secretary

Mu Organizes Help for Freshmen



Recently Mu Chapter held an election of officers for the coming year. Elected Regent, Ned Shown; Vice Regent, Roy Browder; Scribe, Kurt Altman; Treasurer, Fern Lathan.

Mr. J. M. Faircloth recently resigned his position as faculty adviser. Mr. Faircloth has been a great help and inspiration to Mu Chapter. We sincerely regret that his other activities have made it impossible for him to continue to serve Theta Tau. Mr. William K. Ray is replacing Mr. Faircloth as faculty adviser. All the members of Mu Chapter are looking forward to working with Mr. Ray.

A picnic has been planned for March 19 at Moundville State Park for all members. We anticipate a good time to be had by all.

It has come to our attention that almost fifty percent of the freshmen are dropped from the engineering school because of failure to make passing grades. We are very concerned over this development and have initiated a study program to help our freshmen

and sophomore students. Two nights each week members of Theta Tau conduct a study forum for all students of the freshmen and sophomore class who wish to participate. We hope thereby to create a feeling of brotherhood among all engineering students and to cut down on the percentage of failures in the freshman class.

Mr. S. D. Mosley, one of the charter members of Mu Chapter, recently became president of the American Cast Iron Pipe Company in Birmingham. Mr. Mosley has served this major industry since graduation. He has held several positions in the engineering department—chief engineer, executive vice president, and now president. Mr. Mosley was the principal speaker at our fiftieth anniversary banquet. He has always been a loyal supporter of Mu Chapter.

The chapter now has 28 active members and plans are being made for our pledging program this semester.

Mu Chapter is looking forward to a very successful and prosperous coming year.

Yours in H & T,

Robert S. Wright

Corresponding Secretary

Xi Small But Athletic



The following is a brief review of our activities for the previous year.

Xi Chapter sent two representatives to the Twentieth National Biennial Convention at Minneapolis. Brother Robert Mehn served as delegate and Brother Philip Reed served as alternate. They brought back with them a lot of advice and many suggestions as to how

the chapter can be improved in the future.

A banquet was held on October 13 to observe Founders' Day and the fiftieth anniversary of Theta Tau. It was attended by active members, alumni, and the pledges of the fall term. Two pledge parties and two initiation banquets were also held during the course of the year. A total of eight new members were initiated into the chapter.

At the present time, Xi Chapter has fourteen active members and eight pledges. The officers are: Regent, James Bley; Vice Regent, John Goetsch; Scribe, James Koetter; Treasurer, David Kjell; and Corresponding Sec-

etary, Robert Mehn.

We are very happy to have Dr. Gerald A. Rohlich of the University Hydraulics Department back again as our adviser after a semester's leave of absence. He has been our adviser for the past several years and we are glad that he is available again, since he takes a very active part in the affairs of the chapter.

Xi Chapter has been very active in athletics on the University of Wisconsin campus. In 1934, we took third place in the All-University Volleyball Tournament, third place in the All-University Softball Tournament, and also participated in basketball.

One of the major projects of the chapter was to bring the alumni files up to date and write a personal letter to each alumnus, informing him of the projects of the chapter.

Brother Noxon visited us twice during the year, once in the spring and again during the summer. We were very grateful to receive his suggestions regarding the fall pledging and initiation procedures.

Xi Chapter has concentrated its efforts in enlarging the chapter and is looking forward to a very successful year in 1935.

Yours in H & T,
Thomas N. Johnson
Historian

Omicron Changes to Single Pledge Class



To all chapters of Theta Tau:

Omicron Chapter sends sincere fraternal greetings to all brothers of Theta Tau.

The present membership of our chapter now stands at 32 active. This school year we are having only one pledge class. We're looking forward to making a better fraternity with the 20 pledges that we now have.

Plans are now being made for the formal and informal initiations that will take place in the early spring. This usually takes a big share of a week end. The pledge class usually plays an important part. As a general rule, active members usually find pledge duties for the pledge that are beneficial to our college of engineering.

The securing of a house for the fraternity has been an item of business among the Theta Tau brothers for some time now. Perhaps an increase in the number of active members may someday allow the engagement of such a plan.

The corresponding secretary is presently attempting to print a newsletter which will in the future be sent to all of our alumni members. The undertaking has become a big job, but we're sure the alumni will appreciate our efforts.

Last fall one of our bigger projects was the building of the Theta Tau files for the Homecoming parade. We didn't win any prizes but we certainly had a lot of fun working together. In addition to this project, many of the brothers were also engaged in the building of our famous corn monument which we display each year at Homecoming.

Our fiftieth Anniversary of Founders' Day was observed by having a dinner meeting at the Mayflower. Our chapter adviser, Professor Ned Ashton, was our speaker for the evening.

Brothers Marv Calvert and Keith Buzzer were representatives for Omicron Chapter at the National Convention at Minneapolis last semester. Their stay was a brief one, but they returned with several new facts that were beneficial to the fraternity.

We are presently discussing plans for the selection of honorary members. During the second semester we shall probably elect at least one honorary member.

Members of Omicron Chapter held a Christmas party at the Os Yoke Inn at the Amos Colonies on December 11. Members and pledges with their dates and wives enjoyed a delicious meal followed by entertainment and a gift exchange.

Our athletics chairman Lou Pray, has been quite busy organizing teams for the sports intramurals here on campus.

Each year it has been the custom of Omicron to make a Theta Tau award. This year will be no exception. This award will be made during Mecca week, which consists of our annual engineering festivity. Brothers of Theta Tau are already helping to make plans for Mecca.

We are proud that Tony Masciopinto has been elected to receive the ASME award for the most outstanding engineering student.

Plans have not been made for a spring picnic as yet, but undoubtedly such an occasion will take place. It is also hoped to have a farewell party for all graduating members before the school year ends.

Our chapter officers at this time are: Regent, Don Young; Vice Regent, Lou Pray; Scribe, George Hamel; Treasurer, Jim Gibson; Assistant Treasurer, Jay Parker; Marshal, Walt Johansen; Inner Guard, John Westwick; Outer Guard, Lloyd Allen; and Corresponding Secretary, Darrell Ulich.

Yours in H & T,
Darrell J. Ulich
Corresponding Secretary

Pi Prepares Book Exhibit



Fraternal greetings and best wishes to all brothers in Theta Tau are extended from Pi Chapter. In a recent election, members of Pi Chapter selected from their group the following men as officers for the spring semester: Stanard F. Lanford, Regent; Robert V. Sims, Vice Regent; David J. Matracia, Scribe; Benjamin M. Black, Treasurer; John J. Mayo, Jr., Corresponding Secretary. These men have pledged their capabilities for the greatest possible service to the fraternity and to the engineering school.

We have been very fortunate in having a former adviser return to us in the same capacity. He is Professor Henry L. Kinison, Associate Professor of Civil Engineering of the University of Virginia. He replaced Professor Lawrence R. Quarles, Assistant Dean, who is soon to become Dean of Engineering at the University.

One of our more interesting speakers during the past fall was Professor Frank Finger, Associate Professor of Psychology at the University, who delivered his observations on the "Relation Between Psychology and Engineering."

Pi Chapter joined with Theta Tau brothers during the past year to celebrate the Fiftieth Anniversary of the founding of Theta Tau by holding a banquet on May 21. It was also the Thirty-first Anniversary of Pi Chapter. Grand Regent Vawter was the honored guest,

and Charter Member Number One of Pi Chapter, Brother Harman, was a guest speaker. Also this fall on October 13, Theta Tau was co-sponsor of the Engineers' Ball and observed the Anniversary at this most enjoyable and successful occasion.

We are currently preparing a "Book Exhibit" for the annual Open House which serves to attract many innocent high school students to the field of engineering.

This past fall, Pi Chapter has played a very important role in student government. In recent elections, Theta Tau swept the elections for our engineering school as has been the case for the past four years. Also many of our brothers hold leading positions in our school and University activities: Hudnall Christopher, president of the University Student Council; Henry E. Harris, student councilman; Wheat Wallenborn, president of Engineering School; Ralph H. Harrison, president IAS; Preston Nelson, president of Tau Beta Pi; Paul Sposito, president of "E" Club; Carl Walton, president of ASME; Stan Lanford, president of ASCE.

At the National Convention held October 14, two men represented Pi Chapter and returned with glowing reports and many ideas which would help to improve our chapter and increase the bonds of brotherhood. These men were Paul Sposito, delegate, and Richard Byron, alternate.

Yours in H & T,
John J. Mayo, Jr.
Corresponding Secretary

Rho Gives Christmas Party for Kids



Rho Chapter extends fraternal greetings and best wishes to all Theta Tau brothers.

The past year has proven to be one of activity and growth for

Rho Chapter. We started the year with twenty-four active members and the following officers: John Wiles, Regent; Robert Finger, Vice Regent; John Smith, Scribe; Lonnie Grant, Treasurer; Sam Harrell, Marshal; Jim Allen, Inner Guard; Al Pruden, Outer Guard;



Rho Chapter Founders' Day Banquet held December 3, 1954



Rho Chapter following Fall Initiation, December 1, 1934

and Gilmer Proctor, Corresponding Secretary.

Rho Chapter got off in a good start. The Projects Committee, with Charles Landy as chairman, came up with some excellent ideas. The one adopted by the chapter was the "Registration Project." We immediately wrote to all the States and Territories requesting their Registration Laws for Professional Engineers, and as these have been received by numbers, they are in the process of being edited. After all replies are in, the Editing Committee, with Sam Harrell as chairman, will prepare them for printing. Rho Chapter plans to have these booklets by the end of the school year for the members of the senior class of N. C. State College. Any chapters which are interested in the project may receive information about it by writing to Rho Chapter.

Our chapter adviser, Prof. T. C. Brown, is being assisted by Brother Art Johnson, who is doing research work here at State. Both men have done much for Rho Chapter this year, and frankly, we just couldn't get along without them.

Brother Dave Barrett attended the Fiftieth Anniversary Convention, and upon his return he informed the chapter of all the activities and proceedings. During the convention period we traced through the history of Theta Tau and strengthened in our minds the purpose and ideals of the Fraternity.

Our first initiation came on December 1st, and we added nine members to the chapter roll. After the ceremony the fraternity held its annual Founders' Day banquet. It was a big event, and an enjoyable evening was

had by all. This initiation brought our number of active members to 55.

Another chapter project was held on the following Friday. The brothers entertained thirty-three children, between the ages of six and twelve, at a Christmas party. A program of entertainment was provided by a dancing group, and afterwards the children were fed to the brim with cakes and cookies. There were presents for all, and upon leaving they were given stockings filled with fruit and candy. This did as much for Rho Chapter's Christmas as it did for the kids.

Brother Hayne Hair became Marshal at the beginning of the second semester. A smoker is being held on February 21st, and Rho expects to have 25 pledges in the spring class. Brother Hair will begin his duties then.

Two more projects are being carried on at the present time. We desire once again to have a house, and are looking ahead to the day when it will be possible. A house fund has been started, and Rho Chapter hopes to have it in "high gear" soon. The other project is our participation in the annual Engineer's Fair which will be in April. Rho Chapter will man the information booth and distribute copies of *The Southern Engineer*, school of engineering student publication.

New officers for the coming year are to be elected on March 9th, and they will be installed on March 11th.

Rho Chapter sends best wishes to all chapters of Theta Tau.

Yours in H. & T.,
John F. Willis
Regent, Rho Chapter

Sigma Improves Reading Speed



The officers of Sigma Chapter are: Regent, Dale Bowman; Vice Regent, Ray Sarafini; Scribe, Fred Irons; Treasurer, Dale Rawlings; Corresponding Secretary, Donald Metzger. Our chapter adviser is Brother E. D. Ayres whose address is 2191 Berwyn Rd., Columbus. At the present time Sigma Chapter has 11 active members and 6 pledges.

During this school year the activities of Sigma Chapter have been varied and interesting. At the beginning of the Autumn Quarter our adviser, Professor Ayres, initiated a program of rapid comprehensive reading under the auspices of Dr. Rimshaw's famous "Tach-Trainer" system. Several members have taken part and report marked improvement. We hope by spring to have some photos of this experiment for the *Gear*. Our fall formal was singularly successful as a result of the large alumni attendance, and we are looking forward to a bigger and better formal this coming spring quarter. The Central Ohio Alumni Association has been quite active, and in addition, Sigma Chapter has a Wives Club, composed of the wives of the active members and alumni in the Columbus area, who meet once a month. These ladies sponsor banquets and other entertainments with an

eye toward redecoration of the chapter house. There have been many improvements to capital equipment such as an automatic laundromat, of which we are all proud.

Since the convention at Minneapolis, Sigma has initiated an extension program to investigate the possibilities of the establishment of new chapters in other accredited engineering colleges in the state of Ohio. This program is progressing quite satisfactorily and we should soon have some definite progress to report.

On October 11, all active members gathered for the annual Founders' Day banquet. Congratulatory messages were sent back to Minneapolis and to Reno where Brother Schrader was ill. At the conclusion of the meal, a visiting brother from Epsilon Chapter, who is stationed at the Naval Base at Port Columbus, gave a short talk congratulating Theta Tau on its first 10 years, and praising the outstanding qualities of its alumni with whom he had had contact.

The latest news from Sigma alumni is that Brother Frank Pamic, '38, is now with Hughes Aircraft Co., Florence & Teal Avenue, Culver City, California; and the George McConaghy's, '48, of Celina, Ohio announce the birth of a 7-lb. 14-oz. boy.

Yours in H & T,
Donald D. Metzger
Corresponding Secretary

Tau Hopes to Get Rich



The elected officers of Tau Chapter for the school year 1954-1955 are: Regent, Ralph Kittredge; Vice Regent, Joseph Verzani; Scribe, William Peil; Treasurer, Ralph Best; Corresponding Secretary, John Makymiak.

Tau Chapter now has 16 active members which includes 12 new brothers initiated on December 12, 1954. This date was also the 29th Anniversary of the founding of Tau Chapter.

Chapter Adviser Gerald Walsh is now acting as Assistant Dean of the College of Engineering in the absence of Dean Clark Ahlberg who has accepted a job with the New York State government in Albany.

During the past year, several brothers of Tau Chapter received outstanding awards. Brother Fritz Henner, '54, received the College of Engineering Outstanding Senior Award. Brother Henner is also the past Re-

gent of Tau Chapter. Brother Fred Lyman '55, received the Pi Tau Sigma award for the junior who was the most outstanding sophomore in Mechanical Engineering at Syracuse University.

Brother William Peil, '55, Electrical Engineering, submitted a paper entitled "Phase Shifts in Audio Output Transformers" to the student paper competition of the North-eastern section of the AIEE at Schenectady, New York on May 6, 1954. Brother Peil, by virtue of being a prizewinner in this contest, was given an expense-paid tour to the David Sarnoff Research Center of the Radio Corporation of America, Princeton, New Jersey.

Tau Chapter has also been active in sponsoring social activities. The Annual Engineers' Ball, which was open to the whole University, was held on March 20, 1954 at Hotel Syracuse and a good time was had by all. Other chapter activities include the "Farewell" Picnic for graduating seniors of Tau Chapter, a winter splash party, a pledge-spon-



Crowning of Queen of Engineers' Ball, March, 1934

ward Beer Party and an anniversary banquet. All of these activities are going to be annual events for Tau Chapter.

October 15th, unfortunately, found Syracuse in the midst of an extremely severe storm. The elaborate preparations which had been made for the observance of Founders' Day had to be cancelled. Despite this unfortunate and untimely incident, all the members of Tau Chapter, in their own way, remembered Founders' Day and all that it signifies. Some letters were received by the chapter from its alumni on October 15th.

Tau Chapter has, in most senses of the word, had a prosperous and active year. Financially speaking, we must take exception, for it seems we are still laying the groundwork in many fields of endeavor and as yet haven't realized a substantial return on our investments.

This year's Engineers' Ball promises to correct the situation in this respect. Along with a fifty-foot sign, thirty-six shlebobod brothers, and an intensive advertising campaign, Tau forges the biggest and best yet! In conjunction with the Ball, the chapter is engaged in rushing plans, smokers, organizing a treasure and working house plan, and publishing a spring newsletter. The house committee has come up with a unique plan which as yet isn't cleared technically. More will be said in this respect in our next newsletter.

Tau Chapter wishes to report that administrative and popular sympathy in this area create a serious block to chapter expansion. This is due to the membership clause of our constitution. The chapter itself was more directly affected last December when two prospective honoraries declined membership for the same reason. A letter from the chapter and letters of declination were forwarded to Brother Schrader and members of the Executive Council.

Until such time as the chapter secures a house, Tau must continue to hold her meetings in the plush lounges of the new Women's Building. Incidentally, these lounges include a kitchen with stove and refrigerator and the latest in furnishings along with a TV set.

Syracuse University is in the midst of a multi-million dollar expansion project. Along with a new Law School, Medical School, and four new dormitories, the Engineering College has two new buildings, almost complete.

Tau Chapter extends its best wishes for success and happiness to all her brothers.

Yours in H & T,

John Makymiak

Corresponding Secretary

Upsilon Men Have Good Chance To Stand Pat (Saint, That Is)



The 1914-15 officers of Upsilon Chapter are: Regent, Larry Gieard; Vice Regent, Mike Lyle; Marshal, Henry Bauni; Outer Guard, Julian Stewart; Inner Guard, Charles Smith; Fraternity Treasurer, Palmer Terrell; House Treasurer, Henry Bauni; House Manager, Jim Haden; Corresponding Secretary, Neal Robinson.

Our chapter advisers are Mr. Homet and Mr. Heiple of the faculty.

Upsilon Chapter celebrated the Fiftieth Anniversary with a banquet at the A-Q Chicken House in Springdale. The Reverend Mr. Dykes of the Methodist church of Fayetteville was the speaker. About 120 people, including some faculty members and the dates

of the actives, attended.

Ed Saunders and Henry Bauni were initiated into Tau Beta Pi last semester, and Bill Craven and Sam Daggett were taken into Blue Key. Brother Bob Jenkins is president of the student body.

This spring Theta Tau is taking an active hand in the annual Engineers' Day at the University. We will be in charge of taking visitors through the engineering building during the open house. Three of the five candidates for St. Pat—the patron saint of all engineers—are Theta Taus. These three are Gene Holloway, M. E.; Wayne Crandell, I. E.; and Julian Stewart, C. E.

Upsilon Chapter is now looking forward to its annual spring outing which will be held sometime in April.

Yours in H & T,

Upsilon Chapter of Theta Tau

Phi House Has Face Lifted



Greetings from Purdue!

The spring of 1915 will be remembered here at Phi long after the present active chapter has retired to the body of alumni. Through the integrated efforts of our sixteen actives, eight pledges, and more than active alumni association, it has been possible to found a trend toward many sought-for goals. Foremost in our minds at the present time is the extensive house repair and building program recently begun. All rooms are being repainted, the present house wiring extended, bathroom redecorated, dormitory fixtures replaced, furniture rebuilt—in short, we are making the Theta Tau Fiftieth Anniversary year a year of firsts for Phi.

Although there seems to be an overbearing emphasis on our physical appearance, it is with great pride that we can claim our scholarship standing as fifth of the thirty-nine fraternities here on campus—an increase of nearly twenty places over the spring semester of 1914. In keeping with this achievement, there are currently four actives in honorary organizations. Frank Dye and Ronald Hulsey are both members of Eta Kappa Nu and Tau Beta Pi; while Richard Berner and Earl Ruby, both juniors, can claim affiliation with Chi Epsilon and Pi Tau Sigma, respectively, for achieving scholastic distinction in their departments.

At the end of the first semester we de-

creased in number by two in the active chapter as a result of Jesse Brownson changing schools and Tom Clement beginning the co-operative study program with Ford Motor Company. Tom will be back with us during summer school for more studying. At this time we also gained a brother by a winter initiation, George Cook.

This fall we welcomed back to Purdue, and Phi, Al Spaulding, previously chapter adviser and of the Mechanical Engineering department, but now Assistant Dean of Freshman Engineering! Brothers Thoma, of the Civil department; Spaulding; and Solberg (our chapter adviser), Head of the M. E. department, represent our alumni Board of Directors here at Phi. Nick Trbovich as Secretary-Treasurer and Gene Nottoli, President, complete that governing group. Here in the chapter until March 7 our Regent is Richard Berner; Vice Regent, Earl Ruby, Scribe, Louis Shiman; and Treasurer, Paul Rantner. Brother Rantner was recently elected Treasurer due to Brother Clement's leaving school temporarily.

During the early portion of the school year a fall pledge dance was held followed a month later by the annual winter formal dance. Due to the overwhelming success of both events, the chapter is looking forward to March 26, which is the date set for our annual Engineers' Ball held with Triangle for which the Kube Goldberg Machine topic is a death-dealing mouse trap, to be demonstrated without the aid of mice.

Homecoming proved a big success this last

fall, with many more alumni returning than in previous years. Highlighting the football season for us was the Purdue-Iowa game, at which time eighteen of the house members went to Iowa City to see the game and participate in a party with the brothers from Omicron Chapter. We hope to continue this practice in the future!

Phi will offer a challenge to all its alumni

members and nearby chapters to see in person the results of our year of hard work and heavy rushing program here at Purdue on Gals Weekend, occurring on April 30 and May 1.

We hope everyone will accept!

In H & T,

Leon G. Shiman, Scribe

Chi Completing Campus Survey



Chi Chapter extends warmest of greetings to all members wherever they may be.

In this our golden anniversary year, Chi continued to uphold the tradition and leadership of the past while look-

ing forward to 10 more years of growth and accomplishment.

Shortly after the 1954 spring issue of the *Gear* was published, student body elections were held. Brother Bob Beam was elected student body president, a position hotly contested. Since Bob's new position would not afford him time to continue with his position of regent, elections were held for that office. Joe Krueger was elected and has served the fall term. At the time of writing Bob is in the hospital for a serious operation; we all hope he is back with us very soon.

On December 8th we had our fall elections in which the following brothers were elected: Regent, Harold Glenn; Vice Regent, Rodger Hartman; Treasurer, Bill Ketchum; Scribe, Robert R. Streets; Corresponding Secretary, Carl J. Berninger.

As projects for the semester we continued work on the campus survey. A great deal of work has been accomplished; the traverse has been run and all the buildings have been tied in. Aerial photographs of the campus are being made and will soon be ready. All that remains are a few angles to be turned and the finishing touches to be put on the coordinate system. Previous to this survey, a physical inventory was taken of all desks, chairs, drinking fountains, and fire fighting equipment. Two lap-wheel tables were constructed for the Geology Department by several Theta Tau men. The tablet and lap wheels are now completed and are being used.

At our celebration of this 50th year of Theta Tau progress, we had a banquet and combined initiation ceremony October 17th, in the Union dining room. Seven men were initiated formally, bringing our total to 28 members at that time. Brother Marcom, pro-

ponent of mechanical engineering and graduate of Annapolis, presided as toastmaster. Dean Borgquist of the Civil Engineering Department, and founder of Chi Chapter, gave us an interesting talk on the present efforts to organize engineers into an effective bargaining group.

Our last pledge picnic, February 20th, was held in San Xavier wash. The highlight of the affair was the novel food carefully prepared by Fred Jones and George Franklin. Enough food, prepared in Mexican style, was served to satisfy even the hungriest of members. As a partial result of this good food, we have pledged 20 new men who will be initiated soon. This will bring our membership to 48.

Just as the crossed hammer and tongs on a gear wheel is the traditional symbol of our fraternity, so it is traditional to have a small casting of one on the "Marney Stone" in the engineering patio. With this in mind we began operations last fall. The molding and casting have been finished and prospects are good that we shall have it in place by Engineer's Day March 17th. We plan to make the grinding and polishing of the emblem a project for the new pledges.

Socially we have been on the move. Last May we said goodbye to the graduating seniors with a picnic in the mountains near Tucson. Several picnics were held in the washes near Tucson last fall. On December 3rd we had a social evening and dinner at one of the hotels in town. Sweethearts and wives were invited for the event. The alumni gave a lively bridge party January 28th. There was a strong feeling of comradeship and fraternal spirit which made the affair a grand success.

Chi Chapter men hold positions on the Engineering Council and also have taken their share of awards. Brother John Beam received an Arizona General Contractors' Scholarship this year for graduate work. Jack Mommson was given an American Refining and Smelting Scholarship for 1955-56, a Phelps-Dodge Graduate scholarship, and a Bureau of Mines Fellowship. Brother John Treuberg also has been awarded a Bureau of

Minor fellowship, and an American Refining & Smelting Scholarship.

We extend a warm invitation to all Theta Tau men, actives or alumni, to visit us when you are passing through, so that we may

strengthen the ties of friendship with one another.

In H & T,
Carl J. Burninger
Corresponding Secretary

Psi Sponsors Engineering Films



Psi Chapter sends warm fraternal greetings to all brothers of Theta Tau.

The fall semester ended with the election of new officers for the coming year. The new chapter officers are: Regent, Godfrey Howard; Vice Regent, Norman Erickson; Scribe, Rainer Govers; Treasurer, George Cloudy; Corresponding Secretary, George Wilhelm; Inner Guard, Lawrence McCarthy; Outer Guard, J. D. Rigglesman; Marshal, Arthur Morris; and Sports Chairman, Garvin Godfrey.

Psi Chapter now has 32 actives and 22 pledges. Our chapter adviser, Professor Kochler Stout, has been very helpful and his participation in the activities of the chapter has greatly assisted in making this a successful year.

Under the leadership of past Regent Robert Morris, Psi Chapter initiated a monthly presentation of engineering motion pictures to the student body of Montana School of Mines. Refreshments were served by the chapter.

The social calendar for the fall semester included a successful dancing party presented by the pledges in honor of the active members. In February, a dinner dance was held at the beautiful Pez Club. The chapter was honored by the presence of Dr. J. Robert Van Pelt, Beta '22, President of Montana School of Mines, and other members of the faculty. Thirty-five actives and pledges, with their dates, were present. Plans are now being made for the annual spring formal, which again, as in past years, will be held at the Echo Lake Lodge in May. The spring formal held last year was dedicated to the Golden Anniversary of the Fraternity. A banquet was held October 13 to commemorate Founders' Day.

Psi Chapter had a very successful season in the intramural program on the campus. Three teams were entered in the basketball competition, the first team taking top honors in the program this season.

Yours in H & T,
George L. Wilhelm
Corresponding Secretary

Omega Burns Its Mortgage



Greetings to the staff of the *Gear* and to the other chapters of Theta Tau. Omega rounds out this year with bright prospects

for a successful continuation of active fraternal life on the campus of the South Dakota School of Mines and Technology. The chapter has distinguished itself this year as being one of the more active organizations on the campus, and we are certainly going to do our utmost in realizing a similar goal in the coming year.

At the present time we have 44 active members and 14 pledges. We expect to lose 14 men this spring through graduation and are now initiating an active pledging program in search of qualified men capable of carrying on the traditions of Theta Tau.

At the election of officers last year, the following members were chosen: Regent, Thomas Hart; Vice Regent, Donald Johnson; Scribe, Kenneth Leiter; Treasurer, John Ul-

taig; Assistant Treasurer, Mike Dosch; and Corresponding Secretary, Don Allgaier. The following appointments were also made: Marshal, Terry Heile; Inner Guard, Don Ward; and Outer Guard, Stanley Spring. Brother Howard H. Wells is our chapter adviser.

While our delegation was in Minneapolis for the National Convention, the remaining members gathered at the chapter house for the annual Founders' Day banquet. (Incidentally, I believe that Omega had the largest delegation at the convention, with 14 brothers in Minneapolis.) In conjunction with the Golden Anniversary Banquet which was being held in Minneapolis at the same time, Omega Chapter joined under the far reaching "light of brotherhood." At this time a mortgage-burning ceremony also took place here. Only intrafraternal debts now remain on our books.

During the year we have also had some social life. We recently held our annual Cinch-Buckle-T, or western party. Several parties have also been held in the house after various

school functions. We are yet looking forward to our Theta Tau Sweetheart Formal this spring.

In closing, Omega Chapter wishes to extend its sincerest greetings to all alumni and brothers of Theta Tau, and it expresses its

hope that we will all have a good year of professional and fraternal brotherhood.

Yours in H & T,
Don Allgaier
Corresponding Secretary



Left to right: Vice Regent Johnson and alumni members Wells, Kammerman, and Bump at Mortgage Burning Ceremony

The More the Merrier at Gamma Beta



The past year of Gamma Beta Chapter was begun with the election of the following chapter officers: Regent, W. A. Weideneyer; Vice Regent, Robert van Sickle; Scribe, C.

K. Brown; Assistant Scribe, Al Giraldo; Treasurer, Matt Foster; Corresponding Secretary, T. H. Birmingham.

Shortly after the elections, Grand Regent Vawter paid the chapter a short visit, and a banquet was held in his honor.

At mid-year elections, D. B. Kaefer replaced Matt Foster as Treasurer, and Harland Oelke replaced Tom Birmingham as Corresponding Secretary. Brother Hassan Miklofsky continues as our chapter adviser. Stu Terrett, Joe Bell, and Al Yorkdale were appointed Marshal, Inner Guard, and Outer Guard, respectively.

Gamma Beta initiated seven men in October and plans to initiate fourteen more in March. This will bring the membership of the chapter to forty-two, the highest in recent years. This will, of course, be depleted

considerably with the graduation of thirteen of the brothers.

The chapter instituted a new custom during the past summer, sponsoring luncheons at the Water Gate Inn once a month. The alumni helped considerably in making this a successful function, and it appears that these luncheons have become firmly entrenched as a fraternity activity.

On July 17, a "Brewburger" festival was held at Fort Washington, Maryland and a lively time was had by all. A few of the



Brother Al Yorkdale as bartender as Brother Kingsley Brown and Pledge Bob Wier look on with thirsty eyes

younger lads showed off their physical prowess at softball, volleyball, horseshoes, and the like.

At the Brook Farm restaurant on October 16, the Fiftieth Anniversary banquet was held in honor of new brothers Brady, Constantino, Crona, Crockett, Keever, McCall, Oelke, and Stamper. They put forth an admirable (?) skin that was enjoyed by all. Brother Crockett was awarded a slide rule for presenting the best Gear.

On November 11, we had our annual shrimp feast through the good grace of Brother Kuzin, who supplied the place, and Brother Flanagan, who did the entertaining - *as, cooking*. The old folks were well represented by Brothers Mikolajsky and Grucley; and the middle-aged by Brothers Connors, Grayson, and Kraft. Everyone expected minor mishaps but nothing like Brother Brady's broken wrist.

On January 29, Brother Al Yorkdale left

the bachelor ranks by marrying a little doll by the name of Barbara Lykes. It should also be mentioned that wedding bells will ring in June for Brother Kingsley Brown and Janice Liver, also a doll. These boys sure know how to pick 'em.

Brother Ames, our pride and joy, heaped more honor on our chapter by becoming Grand Scribe. Congratulations, Deacon!

Between semesters a holiday beer party was held for prospective pledges at the Delta house. High spirits, comradeship, beer and cards were very much in evidence the whole evening.

At present Gamma Beta is looking forward to the celebration of the 20th Anniversary of the founding of its chapter on March 16. We look forward to another twenty years of progress.

Yours in H & T,

Wm. A. Weidemeyer, Regent

Epsilon Beta Is Growing in Size and Spirit



Greetings to all brothers in Theta Tau. Epsilon Beta is continuing its activity at Wayne University and raising its prestige on campus under the able leadership of Charles M. Daniels, Regent; Bruce E. Greene, Vice Regent;

Eugene Vlasov, Treasurer; Norman Fergu-



Members at Fraternity Spring Rush Night 1. to r.: Poskas, Demirjian, Licht, Waldrop, Hendrickson, Szczepanski



Theta Tau Display Board in Eng. Building

son, Scribe; Ronald Anderson, Corresponding Secretary; Fred Ghannam, Marshal; Harry Demirjian, Inner Guard; and John Dodge, Outer Guard. Although we have been on campus only four years, two of our men have obtained their master's degrees and are now instructors in Wayne's Chemical Engineering Department.

Within the past year a number of major events have taken place. Last spring Epsilon Beta entered competition with the founder societies at the Engineers' Blowout and left with the trophy for the best skit of the evening. On May 19, our chapter's third anniversary, we were honored with the presence of Grand Outer Guard Robert L. Nason who conducted an inspection of our chapter. This event was climaxed by a banquet at the Rackham Memorial building at which Brother Nason, actives, and alumni were present. During summer vacation we not only continued our chapter activities, but also visited other chapters of Theta Tau. Epsilon Beta is proud of the five actives and two alumni who attended the fiftieth anniversary

tary convention in Minnesota, and especially proud of our chapter adviser, the head of Wayne's Chemical and Metallurgical Engineering departments. He is Dr. Harold G. Donnelly, newly elected Grand Vice Regent of Theta Tau. The remainder of Epsilon Beta's activities and alumni celebrated Founders' Day with a banquet at the Park Avenue Hotel. This event was climaxed with the news of our newly elected Grand Vice Regent.

Last fall we of Epsilon Beta moved into our new fraternity house. In December we held an open house to show our new home to the parents of the actives, the alumni, and the university faculty. This function was a success with a large group attending. New Year's Eve was another event of the past year, with a party at the house of past regent Frank Schaller. On February 21, Brother Fred Ghannam was elected president of the Wayne University Interfraternity Council.

Since the last newsletter our ranks have been reduced by eight good men. Those who received their B. S. degrees were: Jerrie Demirian, Orion Demirian, Fred Hoffman, Harold Kimball, Herb Lang, Logan Mathis, Frank Schaller, and Gerry Schley. Schaller and Demirian went into graduate work at Wayne and Carnegie Institute of Technology, respectively. The only member who received his induction notice was Joe Sanchez.

Epsilon Beta is proud to welcome back to its ranks four men. Ralph Wales, who left us when entering the Army, is back in school again. Norm Charms is back after his stint with the Army Military Police. Charles Wales, '30, and Robert Pease, '30, returned this fall to take positions in the Chemical Engineering department as instructors.

At the moment our chapter strength is 21 actives. Of the 21 actives there are four



Our Founders' Day Dance: Norman Ferguson with date Joan Wade

who will be graduating at the end of this semester. Last spring there were six men initiated: Ron Anderson, John Dodge, Harvey Hedlund, Joe Licht (present pledge master), and Al Mandel. Harvey Hedlund has transferred to Beta Chapter. This fall we have initiated six men: Ahmad Arysa, Harry Demirian, Ralph Puskas, Robert Szczepanski, James Waldrop, and Tom Strahan.

In the past year we have held two formal initiation banquets, a Founders' Day banquet, and a chapter third anniversary banquet. On May 19, 1933 we will hold our fourth anniversary banquet at the Rackham Memorial building, owned by the Engineering Society of Detroit. We of Epsilon Beta expect to initiate our first honorary mem-



Founders' Day Banquet: 40 couples present

ber at this banquet. It is our sincere wish that a number of our brothers from other chapters will attend. Those wishing to attend please make reservations by writing to the following address:

1431 Third Avenue
Detroit 2, Michigan
Yours in H & T,
Bruce E. Greene
Vice Regent

Detroit AA Proud of Charter and Handicap System

Our present officers are as follows: President, Ken Graham; Vice President, Peter Davis; Recording Secretary, Chuck Wales; Treasurer, Dick Welch; Corresponding Secretary, Steve Kuszpit.

During the past year we have enjoyed an active membership in excess of forty-five, with a turnout at our monthly meetings in excess of twenty-five men. With the newly acquired quarters of the Epsilon Beta Chapter at Wayne University and their graciousness we have been invited to hold our monthly meetings in their fraternity house. The Alumni Association was happy to have been of some assistance in the furnishing of their new quarters with the purchasing of draperies that were needed.

Our golf league was active throughout the summer and our family bridge club now boasts twenty active and participating couples. A unique system of handicap scoring was adopted this year for the benefit of players who have not had the opportunity to play bridge before joining our club. Don't look in any Bridge Book for the handicap system—you won't find it. One of our enterprising young men developed the scoring system which is working very well. This affair has been one of our best methods for a regular get-together for the members and their wives.

Our stock club, the only stock club in the United States whose membership is wholly comprised of alumni members of Theta Tau, is doing well financially. In our two and a half years of operation, we have shown a gain of 20% above our initial investment. Once a month, our fifteen members meet at Wayne University and for three hours we discuss stocks and at the conclusion of the evening's business, we decide on a stock to purchase and notify our broker in the morning of our decision. He then buys our stock.

Possibly the finest thing that happened this year is that after two years' operation as the Detroit Alumni Club of Theta Tau, we submitted a petition to the Executive Council of Theta Tau, in compliance with the Constitution, for a charter for the Detroit Alumni Association. It was our pleasure to hear of the favorable vote by the Executive Council on our petition and the grant-

ing of our charter to be dated October 11, 1914. This, as everyone knows, could not have been a better date—the fiftieth anniversary. Our membership was quite pleased with this and in appreciation they voted to send two delegates to the National Convention in Minneapolis for the fiftieth anniversary celebration. Our delegates presented a very glowing report on their return to Detroit. They reported that between Epsilon Beta and the Detroit Alumni Association, we had seven members in attendance. We were very proud to have one of our alumni members elected to the office of Grand Vice Regent, Dr. Harold G. Donnelly, Head, Chemical and Metallurgical Engineering, Wayne University. Our two delegates had nothing but praise for all of the men they met at the convention and it is now the fond hope of each and every member that he will be able to attend the next convention to be held in 1916. We would like to express our appreciation and thanks to all the men for their support in electing Dr. Donnelly Grand Vice Regent.

Our thanks to the planning committee of Alpha Chapter and the Twin Cities Alumni Association for a superb job of handling banquets, reservations, and the necessary multitude of headaches accompanying a job of this sort. It was a job well done. The convention accomplished more than a person would believe possible in such a short time, and this was due to a superb parliamentarian, none other than Brother Jamison Vawter, our past Grand Regent.

About the only thing left unsaid, is what we plan for the ensuing year. Here is where some of the alumni associations can help us out. We would like some information on procedure and methods of fund raising for a fraternity house. We realize this would take somebody's valuable time to send us some information, but we certainly would appreciate any suggestions any of the other associations or active chapters could furnish us, so please help us out.

Hope to see all ten Alumni Associations represented in 1916 at the next convention which we hope will be in Detroit.

Respectfully submitted in H & T,
Kenneth A. Graham, President
Detroit Alumni Association

IAA Eases Life of Students

The present officers of the Intermountain Alumni Association are: President, Thomas E. Lucas; Vice President, Max J. Kennard; Treasurer, George W. Carter; and Secretary, Edward J. Watts.

During the past year we purchased two easy chairs for the Engineering Library at the University of Utah.

Yours in H & T,
E. J. Watts, Secretary

National Capital AA Joins in Gamma Beta Festivities

Our past year's activities have been confined principally to participation in the activities of Gamma Beta Chapter. A number of us joined with them in celebrating Founders' Day at their traditional dinner dance which was thoroughly enjoyed by all. The shrimp feast, held annually by Gamma Beta on Armistice Day, which features an active vs. alumni football game, once again established the fact that there is no substitute

for youth in football nor for experience at the beer table.

The following is the roster of officers of the National Capital Alumni Association: President, George Tirington; Vice President, Frank R. Thompson; Secretary, Claude C. Zimmerman; Treasurer, John Morgan.

Yours in H & T,
George F. Tirington
President

Souvenirs for Sale by Twin City Alumni Association

Greetings:

With the hubbub of Theta Tau's Golden Anniversary celebration now a thing of the past, members of the Twin City Alumni Association have once again settled down to their normal everyday lives. This is especially true of Joe Skovholt and his Twin City Golden Anniversary Committee, who did the lion's share of the preparation and arrangements, and were responsible for the event being acclaimed as the huge success that it was.

There was a lot of handshaking and reminiscing of the old college days by the many alumni that were able to attend both the smoker and the banquet. The only thing that prevented an even larger turnout was the fact that the last general letter announcing the convention activities got mixed in with the political mail at the Post Office, and there were reports that it had arrived anywhere from one to five weeks after it was postmarked. When this was brought to the attention of the postal authorities, the best they could do was extend their regrets. This, of course, was small consolation!

There was one sad note in the otherwise festive occasion, and that was the absence of Erich J. Schtader, whom everyone had come to see and pay tribute to. Although there was obvious disappointment when they learned they would not be able to see Erich, they were all happy to hear he was on the road to recovery.

Even though the local alumni will not be asked to extend themselves in this manner again until October 1979 or perhaps 2004, when the Centennial celebration is held, the efforts did accomplish one important pur-



Joe Skovholt, center, and his Twin City Golden Anniversary Committee meeting to make final plans for the Convention.

pose and that was to unite the local alumni members, bring the Alpha address list up to date, and in general rekindle their interest in the fraternity. It inspired a concentrated drive to build a new chapter house for Alpha Chapter as a lasting tribute to Erich and the other three founders. This would forever enshrine the birthplace of Theta Tau. As soon as a suitable one is located, then the construction can begin, and who knows, maybe you will all be invited up to Minneapolis once again, this time for the dedication of this new house.

It goes without saying that we are extremely proud to once again have a member of the T. C. A. A. on the executive council, this being in the person of Chuck Beirson, Alpha '33, who is the new Grand Outer Guard. He will, of course, bring us and Alpha Chapter much closer to the national picture.

There has been no change in the officers

of the T. C. A. A. since the last issue of the *Gear*, and they are: Robert J. Lunn, President; Walter W. Manson, Vice President; Alex Kovalchuk, Secretary-Treasurer; and board members Henry C. T. Eggers and Remon N. Hrenok. We are still attempting to hold two formal meetings a year in addition to the regular Founders' Day gathering. Our last meeting was January 27th this year at the Cuffman Memorial Union on the Minnesota campus. We hope to have our next meeting, which will be quite an important one, the first week in May. Since the convention we have added close to 100 names to our mailing list of Theta Taus from chapters other than Alpha who are working in the Twin City area now. We welcome their association with us, and would like to have any additional names that the respective chapters might be able to furnish us.

In closing, we would like to mention for all those who may not be aware of it, we have a limited number of the Souvenir programs from the Anniversary Banquet left. These are available for \$1.00 each, which is just about what they cost to be printed. Anyone who was at the affair and received one will attest to their beauty and worthwhile contents—a truly lasting memento of Theta Tau. Many have been ordered by the chapters for their archives, and by some of the older members who were unable to attend the affair. Those will continue to be available on a first-come-first-served basis simply by sending the remittance of \$1.00 with the request to the Alpha chapter house.

Yours in H & T,
Alex Kovalchuk
Secretary-Treasurer

Alumni Notes

ALPHA

Hickley, Thomas Leslie, Hon., the first honorary member of Theta Tau, has retired from his position with the Tax Division in the State House in Boston, but will continue his residence at 83 Lake View Ave., in Cambridge, Mass.

Parker, Walter H., Hon., retired head of the mining department at the University of Minnesota, now lives at 4418 East Glenview Ave., Phoenix, Arizona.

Edgerton, E. Ralph, '07, is an insurance consultant, 7 Medical Center Bldg., Spokane 4, Wash., and his home is at 5 1220 Stevens St., Spokane 4, Wash.

Chandler, M. D., '08, retired as vice president of the N. W. Nat'l. Bank and is now associated with his son in the Chandler Agency, Inc., 1804 Wesley Temple Bldg., Minneapolis 1, Minn. Home is at Zumbach Heights, Route #1, Excelsior, Minnesota.

Shepard, George M., '09, city engineer, was feted at a luncheon in honor of his 18 years of service to the city of St. Paul, Minnesota. He received a check in thanks a trip to Europe for himself and his wife.

Duncan, Kenneth, '10, who retired recently as general manager of Pickands Mather & Co. in Duluth, presided as chairman of the 27th Annual Meeting of the Minnesota Section of the A. I. M. E. in Duluth in January, and is also the new president of the Duluth Engineers Club.

McGowan, William H., '10, wrote the Grand Scribe that he is Sales Mgr., Bookers Div.,

Hunt Foods Inc., 1747 West Commonwealth, Fullerton, Calif., and lives at 143 West Valley View Drive, Fullerton.

Quinlan, Howard, '14, wrote the Grand Scribe that he is with Socony-Vacuum Oil Co., 28 Broadway, New York 4, N. Y., and until 1947 was their manager in Egypt.

Darby, Fred A., '16, was awarded the Distinguished Achievement Alumni Award at the June Commencement of the University of Minnesota. He is chairman of the Board of American-Arabian Oil Co., Dhahran, Saudi Arabia.

Egloff, Walter D., '17, Brig. Gen. Engineer Corps, USA, wrote the Grand Scribe that he was retired shortly after returning from Japan, and now lives at 1418 Edison St., San Mateo, Calif.

McGivern, Donald, '17, can be addressed c/o Cia Minera Aguilar, S. A., Levalle 1410 (R-33), Buenos Aires, Argentina, S. A.

Eme, Fred A., '21, this year celebrated his 100th basketball victory in a coaching career of 33 years. He is the basketball coach at the University of Arizona in Tucson.

Willson, Stuart V., '24, has been elected president of the Northern States Power Co. of Wisconsin. He lives on Lake Alcona, Eau Claire, Wis.

Caddy, Howard T., '27, is a consulting mining engineer and has an ore testing laboratory in Virginia, Minnesota, where he can be addressed at P. O. Box 193.

Heising, James Robert, '37, is assistant chief

engineer, Arabian American Oil Co., Dhahran, Saudi Arabia. He is living in Ras Tanura, which is on the ocean, but fears he will have to move to Dhahran about 10 miles away.

Trouell, Millard A., '39, graduated as a metallurgist, but later entered the University of Iowa and received his M.D. there in 1944. After being with the armed forces, he went to Minnesota again for several years and armed with an M.S. opened offices for the practice of medicine at 410 Iowa Theatre Bldg., Cedar Rapids, Iowa, and lives there at 1927 Beyer Ave., SE, Cedar Rapids.

Thorson, Harley M., '43, is now assistant to the vice president of operations of Northwest Orient Airlines, 1881 University Ave., St. Paul, Minn., and his home is at 1909

W. 19th St., Minneapolis 19, Minn.

Moog, Richard D., '46, is a flight test engineer in the North American Aviation Aerophysics Laboratory. He and Nancy Altman were married in Minneapolis on March 13, 1944. They will be at home in Long Beach, California.

Sullivan, James Frederick, Jr., '46, has left Albion, Indiana, and wrote the Grand Scribe that until further notice, mail for him should be addressed c/o Mrs. Osborne Becklund, 1620 Boxly, Bemidji, Minn.

Mattson, Roy H., '51, now lives at 44 Charnwood Road, New Providence, R.I.

Van Patten, Donald, '52, recently graduated with honors from the Seventh Army Non-Commissioned Officer Academy in Munich, Germany. His home is in Pine City, Minnesota.

BETA

Morrison, Geo. A., '34, is still principal mining engineer for the Sanitary Water Board of the Commonwealth of Pennsylvania and his home is in Mt. Lebanon, Pa.

Parkhurst, Frederick S., Jr., '34, still serves as a consulting mining engineer and lives on a farm on the Blue Ridge Parkway about 15 miles from Galax, Virginia. His mailing address is Ennice, North Carolina.

Wilker, George E., '18, was promoted with the Award of Merit at the Operating Section of the American Gas Association at its 31th Annual Convention. Since his retirement as president of several companies, he does consulting for companies on the West Coast and in New York City, and makes his home in Oil City, Pa.

Kendall, Arthur, '17, has taken a position with the Utah Construction Company and is now in Kootenai where he is technical advisor and manager for Kootenai tungsten mines. He has been joined by his wife and daughter.

Whitely, William June, '20, is again with Robert & Co. Associates, in Atlanta, Georgia, and gets mail at Box 2183, Atlanta 1, Ga.

Holmes, John E., '22, retired from his position with the Ford Motor Co. and is now living at 174 Woodland Ave., Livonia, Mich. He is project engineer on the new Oer Research Building at Michigan Tech.

Drier, Roy W., '28, professor at Michigan Tech, was recently named Potentate of Ahmed Temple and will have jurisdiction over seven Shrine Clubs south of the Wisconsin border and the Mackinac Straits.

Nash, LeRoy M., '29, can be addressed at 2128 North Alameda St., Compton, Calif.

Rockwell, Orion A., '29, is now a director, vice president and general manager of the Eagle-Picher Co., Miami, Oklahoma.

Yinwei, Paul E., '51, is chief engineer with Technical Mine Consultants, Ltd., Toronto, Ontario, Canada.

Johnson, Albert L., '53, is now operating assistant in the Duluth office of Pickands, Mather & Co., 700 Sellwood Bldg.

Glass, Allan F., '55, has been promoted to the position of assistant general manager by the Cliffs-Dow Chemical Co., Midland, Mich.

Anderson, Harold C., '56, and family have returned after six years in Australia, and he is employed as a civil engineer by J. M. Montgomery & Co., Inc., 11 North Oakland, Pasadena, Calif.

Nelson, Bruce J., '56, plant supt. for Carlow & Carbide Chemical Co., has a new home at 1814 Summit Drive, Charleston 2, West Virginia.

Bergman, Stephen A., '57, is now chief engineer for the Pechanga Eastern Pipeline Co. The family home is in Mission, Kansas.

Crowmings, Lester H., '54, after fighting in two wars and retiring as a captain in the army, is now concrete inspector on super-highway construction in Texas, and lives in Houston, Texas.

Huyler, Harold James, '59, is technical engineer at the St. Clair Power Plant, Detroit Edison Co., Detroit, Mich., and the family home is at 4010 South River Road, Algoma, Michigan.

Swank, William H., '59, is now chief metallurgist at Kelsey Hayes Wheel Co., in Detroit, Mich.

Crawford, Larry, '40, has a new home at 11822 Procella Lane, Plymouth, Michigan.

Harris, Leonard J., '41, is now City Manager of Wakefield, Michigan.

Fennam, Lawrence Beach, '41, Major USA, graduated from the 8th Engineer Officers

Advanced Class at Ft. Belvoir, Va., and has been assigned to the joint military mission for aid to Turkey. The address for the family will be Istanbul for some years.

Moberg, Wesley G., '41, Lt. Col. USA, has returned from the Far East and is with the Detroit Arsenal, Center Line, Michigan.

Keeley, John E., '43, is mill supt. at the East Ron Nickel Mines Ltd., Sudbury, Ontario, Canada.

Savonen, George W., '44, has left the University of Alaska to become Assoc. Professor of Electrical Engineering at Michigan State College, East Lansing, Michigan.

Goodenough, Jack, '47, is chief metallurgist for the Brillion Iron Works, Brillion, Wis. **McNeil, John L.**, '47, is an electrical engineer with R. F. Goodrich Co., in Akron, Ohio, and lives at 441 Crosby St.

Lafort, Henry A., '47, is metallurgist for the Laky Foundry Corp. and lives at 710 Quartermore, Muskegon, Mich.

Hiker, Bud, '49, reports the birth of Ellen on March 24, 1948.

Peterson, Robert J., '49, is studying for his M.S. in Sanitary Engineering at the University of Minnesota.

Carroll, Robert G., '50, is now with the Reynolds Aluminum Co. in McCook, Illinois, as senior metallurgist. He has bought a new home in La Grange, Ill.

Shaw, Fred Mamon, '50, has been released from active duty and returned to his position with Standard Oil Co. of Indiana. Home is at 800 South 11th St., Escanaba, Michigan.

Davison, Donald E., '51, is with Detroit

Edison in Detroit, Mich. and lives in Port Huron, Mich.

Sheldon, Wright C., Jr., '52, Lt. USA, is a jet fighter pilot at Latrobe Air Force Base, Latrobe, Texas.

Warren, Frank R., '52, is a Lt. USMC with the 1st Marine Div. in Japan. Mail should be sent to his home, 186 Euclid Ave., Battle Creek, Mich.

Allard, William W., '53, is an engineer at Stary Rock Iron Mines Ltd., Stary Rock Lake, Ontario, Canada.

Bartter, Donald E., '53, recently was graduated from the I Corps Non-Commissioned Officer Academy in Korea. Mail should be sent c/o Fred E. Bartter, Rt. 2, Bay City, Mich.

Brown, Robert E., '53, in the air force, is obtaining basic training at Ellington Air Force Base, Houston, Texas.

Harris, Gerald A., '53, is enrolled in the Basic Civil Engineer Corps Officers Course at Fort Huachuca, Calif.

Pero, Ray L., '53, was married to Estelle Thompson on Sept. 12, 1953 in Sudbury, Ontario, Canada.

Sheldon, Eugene H., '53, and Marilyn A. Nelson were married on February 10, 1954, in Muskegon, Mich.

Siemons, John J., Jr., '53, is metallurgist for Zentli Brothers Inc., Ironston, Minnesota. On January 10, 1954, he was married to Nancy Bowden in Crosby, Minn.

Hocking, Ronald R., '54, has joined the General Electric staff in Ft. Wayne, Indiana.

Wilcox, Stephen T., '54, is an electrical engineer with the Oliver Iron Mining Co. in Duluth, Minn.

GAMMA

Womig, Arthur J., Jr., '58, has retired and lives at 109-14th St., Golden, Colo.

Dyrenforth, Donald D., '52, lives at 3865 St. John Ave., Apt. 3, Jacksonville, Fla.

Lake, Russell P., '54, has returned from Australia and lives in Payson, Arizona.

Vreck, Charles R., '58, ex Alpha, is auditor for the U. S. Bureau of Internal Revenue, 74 New Montgomery St., San Francisco 1, California, and lives at 1700 North Point St. there.

Morino, Domingo, '22, now lives at 168 East 74th St., New York 21, N. Y.

Martin, Arthur B., '23, is now research consultant for Washington Water Power Co., W 825 Trent Ave., Spokane, Wash., and his home is at E 1012 Rockwood Blvd., Spokane.

Amidon, Bart, '25, consulting engineer, has changed his address to 192 West 141st St., Apt. 2-B, New York 31, N. Y.

Delahanty, Frank E., '25, now lives at 112 Crescent Road, San Anselmo, Calif.

Denning, Wayne H., '26, geologist with United Geophysical Co., has moved to 474 Fresno Ave., Morro Bay, California.

McNeill, Joseph, '28, should be addressed c/o J. J. Lowe & Co., P. O. Box 134, Que Que, Southern Rhodesia.

Rieken, Hugo, '28, is now Industrial Relations Director, Production Department, Phillips Petroleum Co., and lives at 319 South Creek, Bartlesville, Oklahoma.

Shaw, Douglas M., '28, now gets mail at 8802 Linkmeadow Lane, Houston, Texas.

Kerr, Clayton D., '30, gets mail at 2231 N.W. 15th, Oklahoma City, Okla.

Woodburn, J. E., '31, vice president of Petroleum Consultants Inc., has offices on 6th floor, 111 South Main St., Tulsa, Okla.

Chao, Geyford R., '32, has his physician's office in the Doctors' Bldg., 1422 Tylet St., Amarillo, Texas. Home is at 2223 Hughes St., Amarillo. He received his M.D. at Colorado in 1938.

Norman, Edgar C., '33, is research engineer

- for the U.S. Smelting, Ref. & Mining Co. and lives at 4760 Arwood Blvd., Murray, Utah.
- Ramp, William C., '33, is a fruit grower and shipper employed by the Independent Lumber Co. Send mail to R.R. #3, Grand Junction, Colo.
- Vulin, M. E., '33, is now Regional Director, U.S. Bureau of Mines, Minneapolis, Minn. His home is at 2905 Colfax Ave. South, Minneapolis, Minn.
- Riegel, Robert George, '34, is Supt., Electric Weld Pipe Mill, Kaiser Steel Corp., Fontana, California, and lives at 904 Harvard Place, Ontario, California.
- Seit, Theodore W., '34, is a partner in the firm of Tagles Engineering Co., 1209 Fair Oaks, South Pasadena, California, and lives at 1912 Mill Road.
- Towle, Charles C., '34, is chief of the Denver Exploration Branch, U.S. Atomic Energy Commission, and lives at 6990 West 9th Ave., Denver, Colo.
- Lay, Dent L., '35, Col. USAF, is now living at 3114 Gilmer Ave., Montgomery, Ala.
- Brownkamp, Louis E., '38, Lt. Col. USA, now is addressed at 169-A Prichard Place, Ft. Knox, Ky.
- Mundy, Richard D., '36, district manager, Allis Chalmers Mfg. Co., has offices in Room 408, Railway Exchange Bldg., 909-17th St., Denver, Colo.
- Morris, Carl L., '36, now lives at Box 10A-RR#1, Carbondale, Colo.
- Peterson, E. F., Jr., '37, gets mail at Casilla 19-D, La Serena, Chile, S.A.
- Riiser, Hubert E., '37, is an instructor in mining engineering at the University of Kansas, and lives at 1714 Mississippi, Lawrence.
- Mott, Orville O., '37, is a sales engineer for Goodman Mfg. Co. of Chicago, Ill., and is addressed at Box 111, R.D. #1, Gaddis St., Hopewood, Pa.
- Baker, Thomas C., Jr., '38, is now district manager in Chicago for the Brake Shoe Division, American Manganese Steel Co., 109 North Wabash Ave., Chicago 2, Illinois.
- Brewer, L. J., '39, is supt., Sierra Ancha Mining Co., Young Route, Globe, Ariz.
- Hopkins, Joseph Ernest, Jr., '38, is now supt. of ore preparation, Titanium Metals Corp., in Henderson, Nevada. Home is at 672 Hazel Way, Henderson, Nevada.
- Dubois, Royce M., '40, is now supervisor of exploitation at the Hot Springs Sub-Office, Denver Exploration Branch, Div. of Raw Materials, Atomic Energy Commission, and should be addressed at 210 South 1st St., Hot Springs, S.D.
- Dye, C. Mac, '40, co-partner with H & S Minn, now lives at 833 Hall Ave., Grand Junction, Colo.
- Pottery, Simon F., '42, now lives at 2107 North 7th St., Grand Junction, Colo.
- Yeager, George G., '40, is now at 127 Lord St., Maryville, Tenn.
- Haymaker, Edward, '41, lives at 703 Cherokee St., Dewey, Okla.
- Taylor, Randall H., '41, is now in Climax, Colorado.
- Wood, Arthur G., '41, office engineer for the Portland Cement Association, lives at 11711 West 28th Ave., Denver, Colo.
- Keil, Walter C., '42, asst. supt., A.S. & R. Co., now lives at 3148 Columbine, Denver, Colorado.
- Gallagher, Robert H., Jr., '43, now gets mail at P.O. Box 373, Salt Lake City 10, Utah.
- Cederblade, Donald, '44, staff engineer for Gulf Oil Corp., now lives at 16 Upland Drive, Cambridge, Mass.
- Locke, Robert Dudley, '44, is engineer-in-development for Standard Oil Co. of California in Coolings, Calif. and gets mail at Box 20, Rt. 1, Coolings, Calif.
- Bieber, Edwin D., '47, is a mining engineer for Climax Uranium Co., P.O. Box 367, Grand Junction, Colo., and lives there at 821 Osage St.
- Campbell, Charles W., '47, is asst. supt. for Mina Tinto General, Cia Minera Astero, S.A. Charcas, S.L. Potosi, Mexico.
- Love, Charles M., Jr., '47, assistant dept. supt., Dow Chemical Co., Rocky Flats Plant, lives at 2641 Stuart St., Denver, Colo.
- Mahannah, Rulon Stuart, '47, is scientist part-time chief for Shell Oil Co., P.O. Box 100, Calgary, Alberta, Canada.
- Rau, Earl L., '47, is a metallurgist for the American Smelting & Refining Co., and lives at 1040 Texas Ave., Grand Junction, Colo.
- Spurr, William Franklin, '47, is design engineer, Wa Chang Tungsten Corp., 137 Clarke St., Bishop, California, and lives at 212 Grove St. J. J. Strussel, Epsilon '34, is general manager.
- Zimmerly, Richard F., '47, is now addressed at 2027-21st Ave., Calgary, Alberta, Canada. He is party chief for the Texas Co.
- Clement, James Warren, '48, gets mail at Box 232, Iron River, Michigan.
- Eber, William A., '48, consulting engineer, is now addressed at 9911-114th St., Edmonton, Alberta, Canada.
- Hyatt, John J., Jr., '48, is personnel manager for the San Manuel construction job for Utah Construction Co., Tigra, Arizona, and lives at 2471-B North Park Ave., Tucson, Arizona.
- Matheson, Kenneth H., Jr., '48, lives at 110 S. 1st St., Salt Lake City, Utah.
- McClary, Henry G., '49, has a new address: 2800-4th Ave., Ft. Worth 4, Texas.
- McNamara, William F., '49, now lives at 617 Medina St. SE, Albuquerque, New Mexico.

- Miner, Gordon M.*, '48, gets mail at Box 299, Ruth, Nevada.
- Nickerson, Kenneth W., Jr.*, '48, petroleum engineer with McElroy Ranch Co., gets mail at 822 University Bldg., Denver, Colo.
- Parks, Louis R.*, '48, is a process engineer with Stearns Rogers Mfg. Co., and lives at 331 South Endora St., Denver, Colo.
- Spiles, Earl L.*, '48, is a petroleum engineer for the Ohio Oil Co. and gets mail at P.O. Box 128, Casper, Wyoming.
- Dunn, Charles J., III*, '49, can be addressed c/o Mercury Drilling Co., 205 Colcord Bldg., Oklahoma City, Okla.
- Ramsdell, Jack A.*, '49, is with the Hudson Bay Oil & Gas Co., 134-A 4th Ave., West Calgary, Alberta, Canada.
- Tarpy, James R.*, '49, president, Allen Bearings Supply Co., lives at 4879 Jackson St., Denver, Colo.
- Aide, Donald G.*, '50, is now on the engineering staff of the Allen Sherman Huff Pump Co., Wynnewood, Pa.
- Bradley, Hugh E.*, '50, is with the Anderson-Prichard Oil Corp., 1126 North A Street, Arkansas City, Kansas.
- Forbes, Walter S.*, '50, is division mgr. for the Rocky Mt. Area of Kennecott Corp., Casper, Wyo.
- Kingsley, Harvey J., Jr.*, '50, now party chief for Exploration Service Co., gets mail at 809 South Ellipse Way, Denver, Colo.
- Poulter, Glenn J.*, '50, can be addressed c/o Geology Dept., Guyot Hall, Princeton University, Princeton, N. J. He is on leave of absence from Socony-Vacuum in Venezuela.
- Rice, Douglas L.*, '50, is now at 7 Wardell Court, Rock Springs, Wyo.
- Warren, Jasper N.*, '50, is production engineer for the Houston Natural Gas Production Co., and gets mail at P.O. Box 7278, Corpus Christi, Texas.
- Bruch, Richard*, '51, is assistant geologist for McElroy Ranch Co., oil producers, and lives at 208 West Hamby Ave., Midland, Texas.
- Brown, Douglas E.*, '51, is a civilian again and can be reached at 203-4th Ave., Iron River, Michigan.
- Cannon, John*, '51, is engineer for Hughes Tool Co., Box 189, Casper, Wyoming.
- Mercer, James J.*, '51, resides at 1811 Truston Ave., Bakersfield, Calif.
- Miley, John W.*, '51, is now with Homestake Mining Co. and lives at 128½ Grand Ave., Lead, South Dakota.
- Nangle, John J., Jr.*, '51, wants mail sent to 833 McArthur Drive, Fort Worth, Texas.
- Tutley, Spencer R.*, '51, can now be addressed at Box 42, Gilman, Colo.
- Torrey, Herbert D.*, '51, is Sales Engineer for Joy Mfg. Co. in San Francisco, and lives at 1111 Harrison St.
- Burns, Bartholomew J.*, '52, now is employed by K. McInyre, Walpole, Mass., and lives at 103 Ezra St., Brighton, Mass.
- Chaber, Stewart*, '52, received his M.S. at Stanford in 1953, and is now with Socony-Vacuum Oil Co. of Venezuela, S.A.
- Gossett, Raymond W.*, '52, returned from overseas service and wants mail sent to Box 107, Meridian, Texas, where he is with Phillips Petroleum Co.
- Hodges, Paul A.*, '52, announces the birth of Sheila Elizabeth, on January 7, 1954. They live in Chapuacumeta, Chile, S.A.
- Lee, Dorel L.*, '52, now gets mail at Box 1672, Sterling, Colo.
- McGregor, Wallace*, '52, geologist for Bear Creek Mining Co., now lives at 1017 West Riverside Ave., Spokane, Washington.
- Mervin, Stuart F.*, '52, reports the birth of a daughter, April 19, 1954. He is employed by the Bear Creek Mining Co., and home is at 1010 12th St., Golden, Colorado.
- Pozin, Robert M.*, '52, is representative of the Carlsberg Dept., General Electric Co., at the district headquarters, Newark, N. J. Home is at 112 Ranch Lane, Levittown, Long Island, N. Y.
- Servatius, John B.*, '52, gets mail at 201 N. Martin Ave., East Prairie, Mo.
- Reids, Richard B.*, '53, has a present address at US 51431095, Co. L, 20th Inf. Reg., Ft. Ord, California.
- Dunn, Kenneth A.*, '53, Lt. USA, is with Student Officers Co. 89FOBC, Ft. Belvoir, Virginia.
- Gaulke, Edgar T.*, '53, is stationed at Ft. Leonard Wood, Mo. Mail should be sent to 124 Grant, Holdrege, Nebraska.
- Heger, Dale R.*, '53, now lives at 1724 South Main, Tulsa, Okla.
- Hinrichs, Paul D.*, '53, junior geologist with Shell Oil Co., wants his mail at 209 A Plaza, Midland, Texas.
- Holland, John P.*, '53, is with Hamble Oil & Refining Co., Rt. 1, Box 47, Refugio, Texas.
- Mertz, Kenneth F.*, '53, employed by Shell Oil Co., gets mail at P.O. Box 720, Casper, Wyoming.
- Morgan, Bill R.*, '53, lives at 414 S. Lincoln, Centralia, Illinois.
- Kreger, John T.*, '53, is now in the army engineer corps and mail should be sent to 577 South Gilpin St., Denver 9, Colo.
- Rebeck, Joe*, '53, is with DuPont and lives at Hotel Kinsway, Benton, Illinois.
- Russell, Michael Donald*, '53, is field engineer for Anglo-Oriental (Malaya) Ltd., 16 Barrack Road, Kuala Lumpur, Malaya. He is the son of Donald D. Russell, Gamma '09.
- Siltanen, Clyde W.*, '53, just entered the army and wants mail sent to his home, 712 Broad St., Griffith, Indiana.
- Turner, Edgar Dilks*, '53, petroleum engineer,

lives at 414 N. Mill St., Santa Paula, Calif.

Ziskowski, Edward F., '13, is in the army with the 77th F. A. at Ft. Sill, Oklahoma. Mail should be sent to his home at 812-10th West, Ashland, Wisconsin.

Harr, Neal J., '14, was awarded the covered *Waltman* prize for the senior student "whose conduct and scholarship have been most nearly perfect, and who has most nearly approached the recognized characteristics of an American gentleman."

Harper, Carl F., '14, with *Standard Oil & Gas Co.*, goes mail at 711 Clermont St., Denver, Colorado.

Irwain, Joe S., Jr., '14, is a geologist for *Great Plains Development Co.* and goes mail at 1757-12th Ave. West, Calgary, Alberta, Canada.

Joyce, Robert B., '14, is a geologist for *Arkansas Fuel Oil Corp.* and resides at 421 Elizabeth St., Lafayette, Indiana.

Tindall, Jack L., '14, engineer with *Humble Oil & Refining Co.*, goes mail at Box 87, Ennis, Texas.

Dry, Newell H., Jr., '14, is with *Aluminum Co. of America* and lives on Thayer Road, Higganum, Conn.

DELTA

Kayell, Charles R., '10, is a vice president of the *Philps-Dodge Corp.*, Douglas, Arizona.

Hartley, William T., '11, for the past 17 years manager of the melting department of the *Allghany-Ludlum Steel Co.*, Dunkirk, N.Y., has retired. He and Mrs. Hartley spend their winters in Florida and their summers at their home in Fredonia, New York.

Horton, Robert, '14, can be addressed at R.R. #1, Monroe, Michigan.

Gossensmiller, Carl H., '17, has been elected as't. secretary as well as as't. treasurer of *Arthur G. McKee and Co.*, Cleveland. He lives in Gates Mills, Ohio.

Sproul, Norman, '17, Col. USA, retired, is now manager of the *Intermountain Theater Chain* in Logan, Utah.

Cutter, Paul Frank, '18, has retired after 31 years as valuation engineer for the *Bureau of Land Management* in Albuquerque, New Mexico, but will continue living there at 212 S. Bryn Mawr Rd.

Binder, George P., '20, chief engineer for the *East Ohio Gas Co.* in Cleveland, has a new home at 1111 Forest Hills Blvd., Cleveland Heights, Ohio.

McDonnell, Robert A., '21, was honored for 10 years of service with the *Reliance Electric and Engineering Co.*, 1101 Carey Tower, Cleveland, Ohio.

Fish, Russell, '22, general manager, *M. A. Hanna Co.* in Cleveland, bought a new home in Pepper Pike, Ohio.

Kappanadze, Roman J., '27, is a staff supervisor with the *Ohio Bell Telephone Co.* in Cleveland.

Owings, Jay W., '27, is manager of sales in both the plastic and steel pipe div. for *Republic Steel Corp.*, Cleveland. He had been a partner in *Owings-Sharp, Inc.*, Magnolia, Ark., which was bought by *Republic Steel*.

Fucker, Alfred B., '28, is a research physicist at the *Marine Physical Laboratory* of the *Scottp Institute of Oceanography*. His

brother, *Thodore*, '24, is president of *National Radiator Co.*, Johnstown, Pa.

Yisberger, Lloyd A., '28, has been advanced to supervisor of the *Duluth, Minn., engineering dept.* of the *Reserve Mining Co.*

Morrill, Edward F., '29, is general manager of the new petrochemical div. of the *Standard Oil Co. of Ohio* in Cleveland.

Vaughan, Ewan W., '30, for some years has been hydroelectric engineer with the *Canadian-Brazilian Services Ltd.*, of Toronto, Ontario, working on power developments in Brazil. In addition to this he has started a consulting engineering business at 23 Bombay Ave., Toronto, Canada.

Finnis, Charles F., '31, has been appointed chief engineer of the pipeline dept. of *Ohio Oil Co.*, Findlay, Ohio.

Baird, John H., '32, has returned from Tulsa, Okla., and is now assistant to the vice president of marketing, the *Lubrizol Corp.*, Cleveland, Ohio. Home is at 2914 Atsleboro Rd., Shaker Heights, Ohio.

Kirkstall, Harold J., '32, is supervisor of training for *Republic Steel Co.* in Cleveland, Ohio. Home is at 1140 Oak St., Cleveland Heights, Ohio.

Stark, Charles M., '32, is a partner in the *Salina Office Supply Co.*, Salina, Kansas.

Donnell, John R., '34, a vice president and director of the *Ohio Oil Co.* of Findlay, Ohio, has been elected to the board of trustees of *Care Institute*.

McCallough, James, '34, has formed *The Advance Thermal Equipment Co.*, 1469 W. Ninth St., Cleveland, Ohio.

Rosny, Ned J., '34, is director of engineering for *Wean Equipment Corp.*, 2280 Lakeland Blvd., Cleveland, Ohio.

Grossman, Paul R., '36, has been appointed chief research engineer at the research center of the *Bohcock and Wilson Co.*, Alliance, Ohio.

Newpher, C. Richard, '37, is vice president of the *Glanis Corp.*, Cleveland, Ohio. Home is at 12820 Fairhill.

- Eichler, Jack*, '38, with Reliance Electric & Engineering Co., in Cleveland, has bought a home at 16 Kanton Road, Chagrin Falls, Ohio.
- Hawville, Scott Henry, Jr.*, '38, is now manager of Technical Sales for Jack & Heintz Co., Bedford, Ohio, and lives at 1727 Maywood, Cleveland, Ohio.
- Neville, Robert J.*, '38, vice-president of North American Mfg. Co., Cleveland, Ohio, won a \$2,383.00 welding prize. His home is at 2716 Belvoir Blvd., Shaker Heights, Ohio.
- Craig, John G.*, '40, gets mail at P.O. Box 69, Gilman, Colo.
- Nixon, Victor John*, '40, is Vice President of Microwave Services, 41 Rockefeller Plaza, New York City, and lives at 136 Kenilworth Road, Mountain Lakes, New Jersey.
- Reckwith, Robert*, '41, is supervisor of carrier-current development engineering, General Electric Co., O. C. S. Bank Bldg., Syracuse, N.Y.
- Greenwood, Ivan A.*, '42, is now associate head, engineering dept., military products division, General Precision Labs, Inc., Pleasantville, N.Y.
- Kentler, Harold Daniel*, '42, is supervisor of the Alloy Division, Titanium Metals Corp. of America, P.O. Box 2128, Henderson, Nevada, and lives at 1912 Griffith, Las Vegas, Nevada.
- Klingel, Arthur R.*, '42, has received patents on a new method of removing carbon deposits from automobile engines. He is associated with the operations staff, Standard Oil Co. of Ohio, Cleveland.
- Klingler, Lee J.*, '42, is at the experimental station, E. I. DuPont de Nemours Co., Wilmington, Del. His home is at 16 Lehigh Road, Cooper Farm, Wilmington, Delaware.
- Wright, Edward*, '42, is assistant master mechanic for Diesels, Michigan Central Ry., Jackson, Mich., and lives there at 1026 Grinnell St.
- Baty, H. Bruce*, '43, is manager, construction dept., Arnco Drainage & Metal Products Co., Middletown, Ohio.
- Higgs, William T.*, '43, is working for the William L. Hughson Co. in San Francisco, Calif. and his home is there at 140 Greyson Terrace.
- Mason, Ernest H.*, '43, has been appointed manufacturing engineer in the electro-mechanical division of North American Aviation Co., Downey, California.
- Stank, Ray*, '43, is a designer for Thompson Products, Cleveland, Ohio. His home is at 728 Willow Drive, Euclid, Ohio.
- Williams, Robert D.*, '43, is an equipment engineer with the Bell Telephone Laboratories, New York City. He is the author of a feature article which appeared in the February issue of the *Bell Laboratories Record*.
- Blicher, Casimir Paul*, '46, is design engineer for the Wean Equipment Co., 22600 Lakeland Blvd., Euclid, Ohio, and lives at 17300 McCracken Road, Maple Heights, Ohio.
- Conant, James*, '46, is a project engineer, Vogt & Conant, 1383 E. 40th, Cleveland, Ohio. His home is at 19280 Story, Rocky River, Ohio.
- Morash, Stanley Angus*, '48, is chief estimator for Albert M. Higley Co., 2036 E. 22nd St., Cleveland, Ohio, and lives at 2509 Greenvale Road, Cleveland 21, Ohio.
- Han, Richard C.*, '47, is a lighting specialist with Gen'l. El. Co., Washington, D. C. His home is at 2312 Q St. NW, Washington.
- Solter, John M.*, '47, is now with the research laboratory of the Magnavox Co., 2231 South Carmelina, West Los Angeles, Calif. His home is at 440 13th St., Santa Monica, Calif.
- Allen, Peter W.*, '48, and Miss Frances Gallagher were married in January. He is a design engineer with the Federal Machine & Welder Co., Warren, Ohio, and his home is at Route #1, Fowler St., Cortland, Ohio.
- Mergler, Harry W.*, '48, is head of computing device group, National Advisory Committee for Aeronautics, Cleveland, Ohio. His home is at 264 Fowler St.
- Milner, Andrew E.*, '48, (formerly Milner) is now chief engineer of delland Construction Co. in Cleveland.
- Penovich, Robert*, '49, is general sup'v. of the Cleveland Chain and Manufacturing Co., now a division of the Republic Steel Corp., Cleveland.
- Churchill, Russell*, '49, completed his second tour with the Navy and returned to the lamp division of the General Electric Co., Nela Park, Cleveland, Ohio. A new home is at 19818 Wickfield Road, Warrenville Heights, Ohio.
- Cope, Randolph*, '49, is with Hazeltine Electronics Corp., Little Neck, N.Y.
- Lay, Thomas*, '49, reports the birth of a son, Tommy, in October 1953. He is sales engineer, Reliance Electric & Engineering Co., Pittsburgh, Pa. In 1953 Western Reserve gave him his M.S.
- Noelin, John M.*, '49, is a sales engineer with W. S. Tyler Co. of Cleveland, with headquarters in Birmingham, Ala. His home is at 308 Columbiana Road, Homewood, Ala.
- Owen, Charles R.*, '49, is with the Columbia Plastics Div. of the Van Dorn Iron Works, Cleveland, Ohio, and his home is at 2482 Noble Road, Cleveland Heights, Ohio.
- Reinker, Richard C.*, '49, is a mechanical engineer with Ashtrahala Bow Socket Co., Ashtrahala, Ohio.

Steigerwald, David J., '48, is a plant engineer in the Komet Co. Div. of the Union Carbide & Carbon Co., Cleveland, Ohio, and has a new home at 27736 Normandy Ave., Bay Village, Ohio.

Stover, Jack, '10, has been released by the Air Force and is working for Erico Products, Cleveland, Ohio. His home is at 3480 Munlo Rd., Shaker Heights, Ohio.

Stanley, Andrew G., '10, is with the outside engineering dept., American Tel. & Tel. Co., Philadelphia, Pa., and lives at Apt. C-2, Stanton Arms, 440 East Sharpnack St., Philadelphia, Pa.

Bedner, Charles M., '13, is with the southern division of Westinghouse Electric Corp., in Vicksburg, Miss., where his home is at 2031 Skyfarm Ave.

Doon, James T., '11, is now research engineer, Chicago Bridge & Iron Co., Chicago, Ill. His home is at 17711 Highland Rd., Homewood, Illinois.

Gayard, Ivan, '11, is foreman of inspection, Iveshoe Rd. plant, Reliance Electric & Mfg. Co., Cleveland, Ohio. His home is at 27138 Transome Drive, Euclid, Ohio.

Henry, Walter Brian, '11, works for Kana-minal Inc., in Cleveland, Ohio, and lives at 18712 Cherrywood Lane, Cleveland.

Matt, Richard J., '11, is a project engineer with U. S. Rubber Co., Detroit, Mich. His home is at 1110 Holcomb, Detroit.

Rash, David H., '11, is with Reliance Electric & Engineering Co. in Rochester, New York, and lives at 31 Hatchkin Circle, Bedford, N. Y.

Shackon, Richard H., '11, is home from Verdun, France, and with Richard Hawley Cutting Assoc. His home is at 32 Stratens-buro St., Hudson, Ohio.

Smith, Richard B., '11, is with the Electro-Alloys Div. of the American Brake Shoe

Co. in New York City, and lives at 320 Van Saun Court, River Edge, New Jersey.

Southam, Donald L., '11, bought a new home at 1904 Glenwood, Cleveland Heights, Ohio. He is a development engineer at Thompson Products, Inc.

Stevory, Robert H., '11, has the Oldsmobile agency in New Castle, Pa.

Zalmon, Donald, '11, is with Western Enterprises Inc., and gets mail at Box 178, Taipei, Taiwan (Formerly in most American).

Dawson, William R., '12, and Miss Mariel Layton were married in January, and live at 3033 East 124th St., Cleveland, Ohio. He is a research assistant at Case.

Proftis, Norman, '12, is field engineer, Airframe Supply Co., Akron, Ohio.

Roback, Richard, '12, is a civil engineer with Magnolia Petroleum Co., Lake Charles, La. *Steigerwald, Edward A.*, '12, is employed by the Cleveland Twist Drill, Cleveland, Ohio, and lives at 11788 Chiswell Ave., St. Cleveland.

Doan, Kenneth C., '13, is with the Goodyear Atomic Corp. in Portsmouth, Ohio, and lives in Chillicothe, Ohio.

Kauffield, Robert, '13, is an engineer at the Savannah River Plant of the Atomic Energy Commission and employed by E. I. DuPont de Nemours & Co.

Kennedy, Thomas G., '13, has returned from the armed forces to the Euclid Road Machinery Division of General Motors Corp. of Cleveland.

Kirchner, Elmer A., '13, is with North American Aviation Co. in Columbus, Ohio, and lives at 295 West 10th, Columbus.

White, Howard L., '13, is a sales engineer for the Hupp Corporation in Cleveland, and lives at 1124 Edanola Ave., Lakewood, Ohio.

EPSILON

Uyen, Lester Charles, '11, for many years professor of petroleum engineering at the University of California and author of a number of textbooks in that field, retired in June 1914. His home is at 170 Arlington, Berkeley, Calif.

Leiter, J. R., '21, union geologist in Tulsa, Oklahoma, recently celebrated his 30th year of service with the Shell Oil Co.

Metz, John, '22, left South Africa and is now manager of the Gaspé Copper Mines Ltd., Noranda, Quebec, Canada.

Byler, Raymond E., '24, has been made business manager for the Western Laboratories Division of Arthur D. Little Inc., which recently acquired the research and development laboratories of The Merrill Co. in San Francisco, Calif.

Olmsted, John W., '21, is chairman of

humanities for the University of California's new liberal arts campus at Riverside, Calif.

Rott, Edward H., '21, can be addressed at Apartado 1910, Caracas, Venezuela. He represents Joy Mfg. Co. in that vicinity.

Probert, Alan, '21, has left the U. S. Bureau of Mines and is now vice president and gen'l. mgr. of Cia Minera de Guatemala, S. A. He can be addressed in Guatemala, C. A.

Schneck, Hubert Gregory, '24, has resumed his position on the geological faculty at Leland Stanford University in Palo Alto. The Republic of China awarded him the decoration of Ching Hsing for his work as head of the Mutual Security Mission to China.

Anderson, Francis W., '28, for twenty years

- geologist for International Smelting & Refining Co., resigned to go on the staff of George M. Fowler, Consulting Geologist, 608 Natl. Bank Bldg., Joplin, Mo., and his mailing address is 1301 Taylor Road, Knoxville, Tenn.
- Lindgren, Carl*, '29, is manager of engineering for Pacific Valves in Long Beach, Calif.
- Boarrett, Weston*, '34, is mining engineer for Utah Construction Co., 1 Montgomery St., San Francisco, California, and home is at 139 James Ave., Atherton, California.
- Pactwaeller, Paul S.*, '34, can be addressed at 1980 Bellaire St., Denver, Colorado. He is vice pres., Fremont Petroleum Co., 824 Equitable Bldg., Denver 2, Colo.
- Starzson, Glen H.*, '31, is in charge of the Salt Lake City Exploration Division of the Shell Oil Co. with offices in the Desert News Bldg., and lives at 2196 East 3820 South, Salt Lake City, Utah.
- Hack, William Chester*, '34, is now Mgr. Geological Section, Continental Oil Co., Sterling Bldg., Houston, Texas and lives there at 3618 Las Palmas.
- Berthelmann, William Stanley*, '39, is a geologist for the Oregon State Highway Dept., Salem, Oregon, and lives at 1040 North 20th, Salem, Oregon.
- Feller, Roger*, '40, is a research engineer in hydrodynamics at Convair in San Diego and the family home is at 1630 La Jolla Rancho Road, La Jolla.
- Boarrett, Arthur Kirk*, '41, Lt. Col. USMC, is in Korea. He is Squadron Commander of an All-Weather Jet Squadron of Douglas F4D's. Military address: VMF (N) 113, 1st MAW, c/o Portsmouth, San Francisco, California. Permanent mailing address: 807 South Overlook Drive, Alexandria, Va.
- Thomas, Robert Pierce*, '41, is a geophysicist with Shell Oil Co., 1801 Main St., Durango, Colorado.
- Reed, John J.*, '44, left Chile, S.A. and is now at 1211 Carlotta Ave., Berkeley 7, Calif.
- Bonness, Victor R.*, '47, is a pharmacist at the Hayward Drug Co., in Hayward, California, and lives at 1847 Hasting Way, Castro Valley, California.
- Hollister, Victor*, '47, formerly geologist for the A.S. & R. Co. Northwestern District, is now with Northern Peru Mining & Smelting Co., Casilla 162, Trujillo, Peru.
- Dawson, Theodore*, '48, is paleontology curator, Los Angeles County Museum, Los Angeles, California, and lives at 16724 Fourth Ave., Inglewood, California.
- McCrall, George Wilson*, '48, is a mining engineer in Butte, Montana.
- McLaughlin, Donald*, '51, is geologist for Standard Oil Co. of California in Ecuador at present. His wife and family are at the permanent home near Tilden Park, Calif.
- Cole, Calvin Leigh*, '52, is a geologist for the Van Stone mine of American Smelting & Refining Co., P. O. Box 69, Colville, Wash.
- Rowland, David A.*, '52, exploration engineer for Shell Oil Co., can now be addressed at 9100 West 32nd Ave., Denver, Colorado.

ZETA

- Ward, Richard B.*, '13, has been loaned by the U. S. Bureau of Reclamation to the Australian government for the next two years. He will be working on the Snowy Mountains hydro-electric authority near Cooma, New South Wales.
- Bucknann, J. P.*, '17, now lives at Apt. 3, 101 N 1st St., Atchison, Kansas.
- Wakenhet, Carol J.*, '17, is an engineer with Wilson & Co., P. O. Box 917, Salina, Kansas. His home is at 102 East Prescott, Salina.
- Johnson, Martin Marion*, '21, can be addressed at 236 S Sycamore St., Petersburg, Va.
- Harris, Clarence*, '23, is distribution engineer for Kansas Power & Light Co., Emporia, Kansas.
- Patterson, Howard D.*, '23, can be addressed at 8332 Cherry, Kansas City, Mo.
- Schaefer, August Edward*, '23, Col. USA, has retired and can be addressed at 610 South 7th St., Lawton, Okla.
- McLeod, William S.*, '24, is sales engineer in the Gulf Coast area for the oil well supply division of U.S. Steel Co., and lives at 1110 Chippendale Road, Houston, Texas.
- Ryan, Richard M.*, '24, is now sales manager of apparatus for Genl. Electric Co. in Peoria, Illinois.
- Lisner, Stanley*, '24, recently celebrated 10 years with Phillips Petroleum Co. in Bartlesville, Okla. He is a vice president, director, and chairman of the executive committee of the company.
- Clark, Edgar C.*, '24, has completed his 21th year as a member of the engineering faculty at Ohio State University, Columbus.
- Biggs, Robert L.*, '27, after many years in Venezuela, is now at the Pittsburgh office of Gulf Oil Co., and home is at 861 Valleyview Road, Pittsburgh, Pa.
- Möller, Jack Meredith*, '28, who received his B.S. in Petroleum Engineering at Oklahoma in 1950, is now petroleum engineer for Humble Oil & Refining Co., Houston, Texas, and lives at 2702 Amherst, Houston.
- Cash, George H.*, '28, for many years in England, is now chief engineer for Cabot Carbon of Canada, Ltd., and lives at 144 Maria St., Sarnia, Ontario.

- Hood, Manley J.*, '29, has served 21 years with the National Advisory Committee for Aeronautics. In recognition of his long service he was presented an emerald lapel pin by the director of the Ames Laboratory at Moffett Field, Calif.
- Auld, Donald W.*, '30, is rept. of production, Deep Rock Oil Co., Wichita Falls, Texas.
- Rising, Walter*, '31, reports the birth of Martha Lynn, on January 19, 1934. His home is in North Hollywood, California.
- Coffman, Irwin L.*, '32, with Phillips Petroleum Co., is now in McGregor, Texas, in charge of engineering there.
- Shay, LeRoy Edward*, '32, now lives at 448 Louisiana St., Corpus Christi, Texas.
- Banks, Arthur Grant*, '33, is doing electrical surveying work for Remington Arms Co., Lake City Plant, Kansas City, Kansas, and lives at 712 Splitling Ave., Kansas City, Kan.
- Feldman, Karl T.*, '34, has been elected a director of the Sinclair Pipe Line Co., 304 S 7th St., Independence, Kansas.
- Spahr, Charles E.*, '34, reports the birth of Cynthia Ann on Feb. 2, 1934. He is vice president in charge of transportation for the Standard Oil Co. of Ohio in Cleveland, Ohio, and the family home is at 4490 West 214th St., Fairview Ohio.
- Finton, Marcell*, '36, is a mining engineer for the Phalco Dodge Corp., Topeka, N. M.
- Williams, Robert L.*, '36, is now manager of the Rocky Mt. Div. of the Lion Oil Co., Denver, Colo.
- Morland, Howard C.*, '38, with Phillips Petroleum Co., lives at 112 Circle Drive, Dewey, Oklahoma.
- Hendrix, Donald L.*, '39, reports the birth of a daughter, Carol Anna, on October 4, 1933. His home is at 1403 Horton, Mission, Kansas.
- Headrick, John*, '39, lives in Phillips, Texas.
- Larson, George Herbert*, '39, wrote the Grand Scribe that he is on leave of absence from Kansas State College and working for his Ph.D. at Michigan State College, East Lansing, Mich. where he can be addressed c/o Agricultural Engineering Dept. and expects to be there until the fall of 1933. His home is at 910-A Walnut, East Lansing, Michigan.
- Thomen, Martin E., Jr.*, '39, is now doing radar work for the Air Force, and lives at 24 Second Drive, MacDill AFB, Tampa, Fla.
- Willey, Kenneth W.*, '39, is engineer for Wilson & Co., P.O. Box 937, Salina, Kansas, and lives at 737 East Republic, Salina.
- Mitchell, Dr. Alex C.*, '40, has become associated with Drs. Jones and Manahan at the Medical Arts Center in Lawrence, Kansas.
- Nuttingham, James A.*, '40, is now manufacturing manager for Sperry Gyroscope Co., and lives at Cherry Drive, Hicksville, Long Island, N. Y.
- Arbuckle, Thomas E.*, '41, reports the birth of a third son, John Anderson, on June 18, 1933. His home is in Hutchinson, Kansas.
- Barkmann, Herman*, '41, works for the Univ. of California, at the Los Alamos, New Mexico, installation, and gets mail at Rt. #1, Box 137, Santa Fe, New Mexico.
- Harrod, Malcolm S.*, '43, is at 10961 Strathmore Dr., West Los Angeles, Calif.
- Sommers, Clair L.*, '44, is with Phillips Petroleum Co., Box 318, Phillips, Texas.
- Zucker, Keith E.*, '43, MS '44, and Miss Marie Drennan were married on June 27, 1933. He is field project engineer for Proctor & Gamble, and lives at 2148 Cumberland Road, Sacramento, Calif.
- Nelson, Richard F.*, '46, is division mechanical engineer, Shell Oil Co., Box 2810, Wichita Falls, Texas.
- Carroll, Norman L.*, '47, Lt. (JG) USN is on the USS Coral Sea, CVA-43, c/o FPO, New York. His home is at 261 Lenox, Pittsburgh, Pa.
- Gry, Lawrence D.*, '47, is an aeronautical research scientist for NACA at Langley Field, and lives at Newport News Ave., Hampton, Virginia.
- Smalley, Dean F.*, '47, out of the Navy, is with Citicorp Service Co. in Houston, Texas, and the family home is at 12448 Coulton Drive.
- Meredith, Robert*, '48, reports the birth of a daughter, Debra Kay, on August 4, 1933, at 7828 Rainbow Drive, Kansas City, Mo.
- Van Benthem, F. W.*, '49, is now design engineer in the Gas Turbine Dept. of General Electric Co., and lives at 7 Alsey St., Schenectady, New York.
- Bray, Jack R.*, '49, is assistant sales manager, Public Service Co. of Oklahoma, and gets mail at 42 N. Whooling, Tulsa, Okla.
- Ellis, Robert W.*, '49, is treasurer of the Hiram-Elliott Construction Co., Kansas City, Kansas and lives at 4922 W 78th Place, Prairie Village, Kansas.
- Garburg, Fred*, '49, now lives at 404 Waverly, Topeka, Kansas.
- Hay, Darrel*, '49, reports the birth of Thomas Cieliste on Aug. 19, 1933. His home is at 2317 27th Place, Des Moines, Iowa.
- Talry, Robert D.*, '49, has a Ph.D. from the Univ. of Delaware, and is now with the Research Division, Standard Oil Co. of Indiana in Whiting, Indiana.
- Ansbach, Glenn W.*, '50, and Miss Margaret H. Gartner were married Sept. 6, 1933. He is a design engineer for the Kansas Highway Commission in Topeka, Kansas.
- Lucas, Rex*, '50, is sales engineer for Aluminum Co. of America and lives at 1111 Ebby, Dallas, Texas.
- Richards, Leonard*, '50, is a petroleum geolo-

- got with Phillips Oil Co. in Caracas, Venezuela, S. A.
- Crowl, Duane M., '11, has been assigned to the 3110 Tech Service Unit at Frankfort Arsenal in Philadelphia, Pa. His home is at 7213 Erdrick, Philadelphia.
- Harris, Richard, '11, reports a new daughter, Cathie Ann, born October 6, 1914. His home is at 784 Glenview SW, Glen Burnie, Maryland.
- Frevert, Graham C., '12, can be addressed at Co. D, HTB, CCB, 7th Armored Division, Camp Claflin, Arkansas.
- Heinrich, Lawrence A., '12, reports the birth of Michael Alan on April 27, 1913. Lawrence is a physician at the Savannah River Plant, South Carolina.

- Walker, Clarence, '12, works as an aeronautical engineer for General Motors in Kansas City, and gets mail at Box 648, R. R. #4, Parkville, Mo.
- Sutton, Robert A., '13, enrolled in the Chrysler Institute, Detroit, lives at 133 West Buena Vista, Highland Park 1, Mich.
- Wilkening, John W., '13, with McDonnell Aircraft Co. in St. Louis, lives at 1077 Washington Blvd., St. Louis.
- Lloyd, Donald E., '14, is with Westinghouse in East Pittsburgh, Pa. Mail should be sent to his home at 1129 S. St. Francis, Wichita 11, Kansas.
- Rogers, Gene L., '14, is employed by the Atomic Energy Commission, and mail should be sent to room 2646, Boone Hall, Oakridge, Tenn.

ETA

- Baird, Lyman S., '14, ex Alpha, sold his business in St. Paul and retired. He is living at 4479 Center St., San Diego 11, Calif.
- Irvine, Frank J., '14, has retired as executive vice-president of the New York Central Ry., and has left New York to live in Fort Lauderdale, Florida. He was with the railroad 40 years.
- Young, Verne, '16, is manager of the mill division for the Great Southern Lumber Co., Bogalusa, Louisiana.
- Curtis, Brian, '17, retired in 1948 from the California State Division of Fish & Game in Sacramento, and is now living on Sulphur Springs Road, St. Helena, California.
- Levy, Richard O., '17, now makes Sauqua Hills, East Norwalk, Conn. his summer home.
- Wax, Donald, '19, lives at 740 Highland Ave., Westfield, New Jersey.
- Akers, Kenneth, '20, moved to 47 Donna Road, Needham, Mass.
- Patterson, Robert, '20, is now vice-president of the John Hancock Mutual Life Insurance Co. in Boston, Mass.
- Harvey, Alexander D., '21, has his home at 131 East 64th St., New York 21, N. Y.
- Bainbridge, William W., '22, lives at 454 Fowler Ave., Pelham Manor, N. Y.
- Flather, Joseph H., '22, has changed his address to 88 Highland Ave., Chatham, N. J.
- Hewford, Rockwell, '24, is assistant to the vice-president and general manager of Consolidated Western Steel, a division of U. S. Steel Co., in Los Angeles, Calif.
- Jagger, James Edward, '24, is now in Forest, Mississippi.
- Fordie, Guy, '26, vice president of the Hobart Mfg. Co., Troy, Ohio, has been elected to the Board of Directors of the company.
- Hamlin, Lawrence, '29, is with the Socomey Vacuum Oil Co., 26 Broadway, New York 4, N. Y. as manager of the Marketing Engineering Department so that he travels a good deal mostly in the far east.
- Stricker, Adam K., Jr., '29, is on the business research staff, General Motors Corp., 5044 West Grand Blvd., Detroit 2, Mich. and lives at 19644 Blossum Lane, Grosse Pointe, Michigan.

THETA

- Gaden, Elmer Lewis, Hon., is assistant professor of chemical engineering at Columbia University and lives at 326 Windsor Ave., Brightwaters, Long Island, New York.
- Salvadori, Mario George, Hon., is professor of CE at Columbia University and lives at 891 West End Ave., New York City.
- Lee, Island V., '14, charter member of Theta, wrote to the Grand Scribe, after many years of silence, that he can be addressed as follows: Sierra Paracaima 1213, Barriles Lomas de Chapultepec, Mexico 16, D. F., Mexico.
- Banks, Reginald M., '11, lives on Guiso Road, Rye, New York.
- Walker, Harlan A., '19, is now Gen'l. Mgr., Marcous Mining Co., with headquarters in Lima Peru, S. A. This is a large iron deposit operated by the Utah Construction Co. Work, Lincoln T., '21, consulting engineer, maintains offices in the Graybar Bldg., 426 Lexington Ave., New York 7, N. Y.
- Jones, George Lester, '22, consulting mechanical engineer, can be addressed at R. R. #2, Marne, Michigan.
- Hyde, Arthur D., '23, (ex Kappa) is addressed at 400 2nd Ave. S., Minneapolis 1, Minnesota.
- Rosen, Robert L., '28, is addressed at 118 East 63th St., New York 21, N. Y.

- Jones, Thomas Embury*, '30, received the Alumni Achievement Medal from Columbia University in June 1934. His home is at 1001 Rockwood Drive, Cincinnati 4, Ohio.
- Sherron, John P.*, '34, is assistant purchasing agent, Pennsylvania Railroad, Philadelphia, Pennsylvania.
- Davis, Charles*, '39, application engineer for General Electric Co., lives at 33-02 39th Ave., Woodside, New York.
- Guernsey, Roscoe*, '40, reports the birth of a daughter on April 9, 1934. He is photo-electricity engineer for General Engineering Laboratory of the General Electric Co. in Schenectady, N. Y. and lives at 2840 Maerow Ave., Schenectady 9, N. Y.
- Lyon, Lewis E., Jr.*, '40, now gets his mail at Box 2002, Martinsville, Va.
- Myers, Arthur Fred*, '40, reports the birth of Nancy Louise on January 22, 1934. His home is at 2703 Westfield Road, Louisville, Ky.
- Vermorel, William*, '41, is now at 92 Thornhill Road, Fairfield, Conn.
- Brown, Gardner Lane*, '42, is a special sales engineer for the Pennsylvania Industrial Chemical Co., 140 Market St., New York City.
- Van Metre, Russell Gordon*, '42, has been promoted to section head, engineering division, Proctor & Gamble, Cincinnati 17, Ohio, and lives at 2426 Briarcliff Ave., Cincinnati.
- Amoroso, Gabriel Robert*, '43, is working for himself as a contractor and can be addressed at 19 Connecticut Ave., Long Beach, New York.
- Beck, Henry C.*, '43, is addressed at Torbank, Ganung Drive, Ossining Township, N. Y.
- Lopez, Kenneth M.*, '43, gives his address as 1910 Andrews Ave., New York 33, N. Y.
- Prochaska, Robert A.*, '43, now is at 16 Argyle St., Andover, Mass.
- Bargler, Robert J.*, '46, now lives at 229 Sylvan Knoll Rd., Stamford, Conn.
- Coleman, Henry S.*, '46, and Miss Lila K. Hefelfinger were married in Minneapolis, Minn. on June 22, 1934. He is assistant to the Dean of Columbia College and his home is at Pinney Road, New Canaan, Connecticut.
- Fifth, Harry W.*, '46, now lives at 144 Broadlawn Drive, New Kensington, Pa.
- Kinkadon, Graham*, '46, now lives at 14 Manchester Terrace, Mt. Kisco, New York.
- Verford, Howard W.*, '46, lives at 307 Whitman St., Haworth, N. J.
- Strasberg, Ralph R.*, '47, is at 23 Fairfax Terrace, Chatham, N. J.
- Bogardus, Robert K.*, '48, now lives at 3821 Jason Ave., Alexandria, Va.
- Hayes, William B.*, '48, is at 14-42 135th St., Breehant, L. I., N. Y.
- Rhodes, Herman R.*, '48, gets mail at 173 Halcyon St., Paramus, N. J.
- Wilson, R. H.*, '48, is addressed at 431 West 50th St., Room 143b, New York City.
- Fernandez, Jay C.*, '49, is now at 37 Beaudoin Ave., Bedford, N. H.
- Gohsien, William*, '50, lives at 662 Chilton Ave., Niagara Falls, N. Y.
- Glover, Norman L.*, '50, Lt. (ag) USN, is now special assistant, chief civil engineering section, headquarters of the Commander, 3rd Coast Guard District, 66 Lafayette St., New York City.
- Merkel, Frederick G.*, '50, is now sales engineer for Leeds & Northrup Co. in Philadelphia, Pennsylvania.
- Biegen, Anthony J.*, '51, is addressed at 510 Oak St., Massapequa, Long Island, N. Y.
- Clarke, Edward Raymond*, '51, is an industrial engineer with the Aluminum Co. of America, Edgewater, N. J., and has a new home at 809 Godwin Road, Paramus, N. J.
- Cozzino, Nicholas*, '51, reports the birth of a son on April 9, 1934. His home is at 714 Farrer Blvd., Dayton, Ohio.
- Hunter, Richard H.*, '51, Pvt., USA, and Donna H. Sandkam were married on Sept. 1, 1933 in Larchmont, N. Y. He is stationed at Camp Pickart, Virginia.
- West, John M., Jr.*, '51, is at 32 Linden Ave., Metuchen, N. J.
- Kientzle, Henry F.*, '50, is a project engineer with Mallinckrodt Chemical Works in St. Louis, Mo. and lives at 1411 Boholink Place, Brentwood 17, Mo.
- Fisher, Joseph E.*, '52, now lives at Apt. 17, 1601 Tigras NE, Albuquerque, N. M.
- Gorman, Eugene*, '52, gets mail at 278 Mountain Way, Rutherford, N. J.
- Henry, John Thomas, Jr.*, '52, is an engineering aid at Sperry Gyroscope, Great Neck, L. I. and lives at 141-47 87th Road, Jamaica 37, N. Y.
- Kawilutch, J. J.*, '52, is working in the general engineering laboratory of the General Electric Co. in Schenectady, N. Y.
- Long, Robert Joseph*, '52, is now a staff member of the Esso Laboratories, Standard Oil Co. of N. J. in Elizabeth, N. J. and lives at 319 Hampton St., Cranford, N. J.
- McGuire, James A.*, '52, lives at 66-44 16th Ave., Elmhurst, L. I., N. Y.
- Sherry, Edward V., Jr.*, '52, can be addressed US 11312375, Co. A 1st Inf. Reg., Ft. Ord, Calif.
- Sigorelli, Robert A.*, '52, and Alice Hancher were married on Sept. 26, 1933 in Brooklyn. He is an aeronautical research scientist with the National Advisory Committee on Aeronautics in Cleveland, Ohio, and lives at 1412 Longfild Ave., Cleveland 9, Ohio.
- Huebel, James F.*, '53, lives at 103 S. Fortago Path, Akron 3, Ohio.

Ragana, John P., '31, is a civil engineer and inspector for the Corps of Engineers, U. S. Army, in the construction department in New York City. Mail should be sent to 70 Garding Place, Tarrytown, New York.

Schulkind, Donald, '33, is now research engineer for Grumman Aircraft & Engr. Co.,

Bethpage, Long Island, New York. His home is at 1416 46th St., Brooklyn 19, New York.

Lesky, John D., '34, is working in the research laboratory of Procter & Gamble Co., and lives at L. B. Harrison Club, 2368 Victory Parkway, Cincinnati 4, Ohio.

IOTA

Johnson, Gennard E., '16, now lives on RR #2, Hamlock Hollow, Worcester, N. Y.

Pierce, Colwell Arba, '18, charter member, retired several years ago as manager of U. S. Potash Co., in Carlsbad, New Mexico, and can now be addressed at Route 1, Box 467, El Paso, Texas.

Davidson, L. E., '21, now lives at 1927 South College St., Springfield, Ill.

Metzger, William H., '22, wrote to the Grand Scribe that he is the owner and operator of the Home Sales Co., 103 East Broadway, Alton, Illinois, and lives at 121 Bosky Dells Place, Collinsville, Ill.

Gatto, W. P., '23, can be addressed at 319 Atlas Bldg., 34 West Second South, Salt Lake City, Utah.

Trevi, C. C., '25, has been appointed District Engineer of District 8 of the Missouri Highway Department with headquarters at Springfield.

McGee, R. F., '27, is in charge of planning and construction of a new \$7,000,000 office and laboratory project being built by the Radio Corporation of America, near Camden, New Jersey.

Boyer, Phil, '28, can be addressed at 1476 Michigan Ave., Salt Lake City, Utah.

Temple, W. A., '28, is at 2117 Buckwood Dr. SE, Grand Rapids, Mich.

Thomas, Myron F., '30, is with the Steel & Tube Div., Republic Steel Co., Cleveland, Ohio, and lives at 19 Wandle Ave., Bedford, Ohio.

Hale, Edward D., '32, makes electrodes for Babcock & Wilcox Co., Barberton, Ohio, and lives on Riemer Road, RD#2, Wadsworth, Ohio.

Leiber, George L., '32, now is at 8824 Valcon St., St. Louis 23, Mo.

Mason, George H., '32, is now with the Colorado School of Mines Research Foundation at Golden, Colo.

Richmond, Ralph Wakefield, '33, has left Cia Santa Fe and is doing consulting work at Calle Juan Antonio Rio No. 119, La Serena, Chile, S. A.

LeGrand, Jesse S., '38, reports the birth of Vincent Jesse on Dec. 7, 1951. Home is at 348 Inman Road, Wood-Ridge, New Jersey.

Robinson, Cecil W., '38, is with Stone & Webster Engineering Corp. of Boston, Mass., and can be addressed at 323 Marshall St., Roanoke Rapids, North Carolina.

Reumler, W. P., '38, is now with the Pacific Smelting Co., Torrance, Calif.

Dallmeier, Ray D., '39, is now Industrial Sales Mgr., Standard Oil Co., Chicago, Illinois. Send mail to 714 Brummel Ave., Evanston, Ill.

Olcott, E. L., '40, now is at 4403 Woodland Terrace, Rt. #2, Falls Church, Virginia.

Perry, Ernest, '40, Lt. Col. USA, gets mail at Qtrs. 61-D, Ft. Belvoir, Va.

Hardine, Kenneth, Jr., '41, gets mail at 1116 Bateman, Galesburg, Ill.

Dahn, George P., '42, now lives at 636 Beechwood Road, Linden, New Jersey.

Keg, Wilby M., '42, out of the army, is now a civilian heading the Denver Regional Office of the St. Louis Ord. District, and lives at 1102 Troy, Denver 8, Colorado.

Wilson, Arthur W., '42, lives at 316 E. McKinney, Ft. Wayne, Ind.

Commons, R. K., '43, now lives at 2816 Western Ave., Park Forest, Ill. He works for Container Corp. of America, 404 E. North Water, Chicago, Ill.

McMath, R. P., '43, Capt. USA, gives his new address at 60603 District Engineer, Alaska District CE, USA, APO 942, c/o P.M., Seattle, Washington.

Ruhle, Emil T., '41, is at 3308 W. Wisconsin, Milwaukee, Wis.

Spencer, Leo G., '43, has a new mailing address at Box 340, Rt. 3, Antelope Lodge, Lancaster, Calif.

Dick, C. A., '44, gets mail at 14128 N.W. 2nd Ave., Miami, Fla.

Orlofsky, Seymour, '44, has moved to 37 N. Central Ave., Hardsale, N. Y.

Lindberg, Allan W., '41, moved to 7938 Greenfield, St. Louis 14, Mo.

Richardson, Frederick R., '46, is now at 12 Community St., Pittsfield, Mass.

Carlton, Paul F., '47, is with the U. S. Corp. of Engineers, Mariemont, Ohio, and lives at 6948 Thorndyke Road, Cincinnati 27, Ohio.

Faldner, Arthur H., Jr., '47, is a sales engineer for the I-T-E and lives at 320 Fourth St., San Francisco 7, Calif.

McClinton, J. George, '47, wrote the Grand Scribe he is an engineer representative for Wagner Electric Corp., 4900 Ryan Blvd., Pittsburgh 13, Pa., and lives at 1041 Hamie Road, Pittsburgh 14, Pa.

- Ryan, Thomas G.*, '47, gets mail at East View Drive, Rt. 1, Imperial, Mo.
- Pickett, Ray E.*, '48, gets mail at 2540 West 90th St., Kansas City 13, Mo.
- Bowett, Charles W.*, '49, with the European Motion Picture Service, can be addressed at Uhlandstrasse No. 6, Bad Nauheim, Germany.
- French, Robert G.*, '49, is at 2604 Lawndale, Kansas City 27, Mo.
- Pounds, Ivan, Jr.*, '49, is dept. supt. for A. S. & R. Co. at its East Helena, Mont. smelter and gets his mail at P.O. Box 221, East Helena.
- Buel, Robert W.*, '50, gives a new address at Box 2175, Rt. 6, Sappington 25, Mo.
- Catelli, August V.*, '50, lives at 226 Chambers Road, St. Louis, Mo.
- Peyper, Robert E.*, '50, has moved to 1407 Rose, Pine Bluff, Ark.
- Perion, Peter R.*, '50, gets mail at 2120 Bonique, Waco, Texas.
- Stegmiller, Richard J.*, '50, is in the research division, Union Oil Co., Brea, California. His home is at 641B West Commonwealth, Fullerton, Calif.
- Wheaton, William*, '50, reports the birth of a daughter on Aug. 28, 1951. He is working for F. R. Harris Inc., Consulting Engineers, as an assistant resident engineer. His home is at 223 Spring St., Monroe, N. Y.
- Ballock, Richard*, '51, is in the army. His present address is Demolition Section, D/E TES, Ft. Belvoir, Va.
- Kwade, Edward J.*, '51, is with the Hunt Tool Co., and gets mail at Box 94, Harvey, Louisiana.
- Morris, Robert J.*, '51, has moved to 517 Riddle Road, Cincinnati, Ohio.
- Pearson, Walter O.*, '51, is an engineer for the Illinois Terminal Railroad Co. of St. Louis, Mo., and gets mail at 2450 Cleveland Ave., Granite City, Illinois.
- Powell, Joe R.*, '51, is with the Westinghouse Electric Corp., 1216 West 58th St., Cleveland, Ohio, and lives at 10370 Mansford Drive, Parma Heights, Ohio.
- Rosenman, Richard*, '51, has moved to 7119 Idemo Lane, St. Louis County 23, Mo. He is an electrical engineer with J. Livingston & Co.
- Shaw, Samuel, III*, '51, is a Sgt. USMC, and gets mail at Box 106, Phase One, Treasure Island, San Francisco, Calif.
- Shaffer, S. Dorn*, '51, has moved to 413 E. Monroe, Mexico, Mo.
- Slankard, Robert C.*, '51, now lives at 1140 Gattatin St. N.W., Washington, D.C.
- Tatantula, Bruce E.*, '51, is a sales engineer for Atlas Powder Co., and can be addressed at 1576 Landowne Ave., St. Louis, Mo.
- Zane, Robert J.*, '51, has moved to 7118 Craig Road, Overland Park, Kansas.
- Bruckner, John F.*, '52, is exploitation engineer, Shell Oil Co., and lives at 2317 North Euclid, Wichita, Kansas.
- Fink, George*, '52, is a geologist with the Pura Oil Co. in Ft. Worth, Texas. His home is at 1101 South Lake St., Ft. Worth.
- Harnan, Charles Wm.*, '52, is in the U.S. Navy in French Morocco. His military address is Ens. C. W. Harnan, U.S. MCB-6 c/o FPO, New York. His home address is 902 East Belmont, Springfield, Mo.
- Kell, Byron L.*, '52, 1st Lt. USA, gets mail at 2316 South 4th St., Springfield, Ill.
- Lynn, Jack L.*, '53, Ensign USN, can be addressed at Quarters 199, Puget Sound Naval Shipyard, Bremerton, Wash.
- Rapert, Theodore A.*, '53, Lt. USA, is in command of the 171st Engineer Co. in Korea. Address: 81829180, 171st Engineers, APO 971, c/o Postmaster, San Francisco.
- Vinbago, Robert P.*, '53, Lt. USA-EC, gives his mailing address at 10001 East Harrison, Springfield, Mo.
- Ashley, W. M.*, '54, is working for the Shell Oil Co. in Odessa, Texas. He asks that mail be sent to 109 East Washington, Cary, Ill.
- Fuller, Thomas R.*, '54, gets mail at 159 Princeton Ave., Palmerton, Pa.
- Gray, Joe E.*, '54, is with the U.S. Engineers and gives his address at 173 Park Ave., East Orange, N. J.
- Williamson, Rayburn L.*, '54, gets mail at Box 642, Beaver, Okla.

KAPPA

- Bush, Kenneth B.*, '14, Maj. Gen. USA, has retired from the Regular Army after 35 years service. He has been in Washington, D.C. as chief of personnel division in the Adjutant General's Office. In 1917 he was commissioned as a lieutenant in Infantry and participated in six major engagements in World War I. Later he served three years in the Philippines. In more recent times he was stationed at Whitehouse, Canada, working on the Alaska highway, then was returned to Washington and in 1949 to Japan as AG for Supreme Commander. He has the Distinguished Service Medal, the Legion of Merit, The Bronze Star, and Commendation Ribbon with Oak Leaf Cluster. He now lives in West Palm Beach, Florida.
- Newson, Robert K.*, '18, is supervisor of engineering extension with the University of Illinois Extension Div. in Urbana, Ill.
- Buchheit, George C.*, '21, is Illinois State Engineer in Springfield, Illinois.
- Flickenger, Mills P.*, '23, is Executive Secretary for the Associated General Contractors in Springfield, Illinois.
- Hering, Harold E.*, '24, is a vice president of

the Barber-Greene Co., Aurora, Illinois.
Happenny, J. C., '24, is a vice president of Central Illinois Public Service Co. in Springfield, Illinois.
Brudovich, J. R., '26, is a vice president of the Central Illinois Public Service Co. in Springfield, Illinois.
DeMont, George L., '27, is commissioner of Public Works Department, Chicago, Ill.
Powley, Gerald Frederick, '27, is now mgr. of sales projects, Chemicals, Monsanto Chemical Co., 1780 South 2nd St., St. Louis,

Mo., and lives at 31 Ridgeway, St. Louis.
Heylin, Gordon Shaw, '28, lives at 419 Cromwick Road, Bydal, Pa.
Cisley, John Parker, '31, is with United Air Lines in Denver, Colo., and lives there at 711 Krameria St.
Engstler, William F., '31, now lives at 1550 Harrison, Corvallis, Oregon.
Carr, Maurice K., '39, is chief product engineer, Argus Cameras Inc., Ann Arbor, Mich., and his home is 104 South Revere, Ann Arbor.

LAMBDA

Forrester, James Donald, '24, is now Dean of the School of Mines, University of Idaho, Moscow, Idaho.
Iveri, James, Jr., '37, is now supt. of the Homer mine of M. A. Hanna Co., Mineral Hills, Mich.
Barton, George William, '41, who received his

B.S. in CE at the University of Minnesota in 1941, wrote the Grand Scribe that he is a Lt. CEC, USN, and presently Public Works Officer, Stockton Annex, Naval Supply Center, Stockton, California, and home is at 102 Forrester Village, Stockton, California.

MU

Brown, Jack Cole, '32, was a 2nd Lt. in the Army. He married Lou Mayes of 101-10th St. East, Tuscaloosa, Ala., and reports the birth of a daughter, Lou Carol, on July 29, 1953. His present address is U. S. Engineers, Vicksburg, Miss.
Brace, Judson Daniel, '22, is president and general manager of the Ft. Worth Steel & Machinery Co., Ft. Worth, Texas.
Spoke, Paul M., '27, is a partner in the engineering firm of Van Keuren, Davis & Co., Birmingham, Ala., and lives at 213 Cross Ridge Road, Birmingham.
Dulvance, Joseph Jay, '34, is an engineer and attorney at 6 Alhambra Arvadum, Coral Gables, Fla., and lives at 441 S.W. 64th Ave., Miami, Fla.
Hubbard, John T., '31, is self-employed and his business address is P.O. Box 901, Duthen, Ala.
Linberry, Claude Swanson, '35, is now assistant in the vice pres., Hartford Steam Boiler Inspection & Insurance Co., and lives at 34 Prospect St., Hartford, Conn.
Daniel, Kenneth R., '36, is at 108 East Glenwood Drive, Birmingham 9, Ala.
Ellis, G. Milton, '37, is supervisor for power for the Robert Gair Co., 111 E. 44th St., New York 17, N.Y. and lives at 18 Middlesex Road, Darien, Conn.
Light, John Hiram, '38, is engineer for Montgomery County, Md., and lives at 12104 Goodhill Road, Wheaton, Md.
Coleman, Charley Hamilton, '39, is an flight test analysis, Chance Vought Aircraft Corp., Dallas, Texas, and lives at 3439 Norwalk Drive, Dallas.
Sale, William T., '40, is now chief draftsman for Chicago Bridge & Iron Co. in Birmingham,

Ala., and lives there at 124 Red Oak Road.
Charles, Francis, '40, is product control manager, General Aniline & Film, and can be addressed at 107 Centennial Ave., Cranford, New Jersey.
Greene, John H., '41, can be addressed c/o The Texas Co., 131 East 42nd St., New York 17, N. Y.
Heston, Ray Gordon, '42, is electronic engineer for Laboratory for Electronics Inc., 71 Pier St., Boston, Mass., and lives at 14 Barnstable Road, Natick, Mass.
Pickens, Cecil R., '42, is sales manager for U. S. Rubber Co., 999 Lee St., Southwest, Atlanta, Georgia.
Ackerman, Kenneth, '43, is now with the Continental Gin Co., of Birmingham, Ala., and lives at 1631-B Valley Ave., Birmingham, Ala.
Dudley, G. E., Jr., '43, is with General Electric Co., 1804-7th Ave., North Birmingham, Ala., and lives at 128 East Hawthorne Rd., Birmingham.
Wilson, Stanley Forbes, '43, is a chemical engineer with Carwin Co., Stiles Lane, North Haven, Conn., and lives at 4 Green Gardens Court, East Haven, Conn.
Abbezie, Milton, '44, now lives at 706 Terepse St., Los Angeles, Calif.
Torres, Antonio R., '44, is employed by the Public Housing Administration, Hato Ray, Puerto Rico. Mail should be sent to Box 44, Roosevelt Station, Hato Ray.
LeRoy, J. Russell, '45, is now addressed c/o Julius Hyman & Co., P.O. Box 1171, Denver 1, Colo.
Booth, Douglas W., '47, is distribution engineer for the Duke Power Co., Spartanburg,

- South Carolina, and lives there at 923 Brentwood Drive.
- Lauria, Vincent*, '47, lives at 104-72nd Ave., Forest Hills, N.Y.
- Gagan, Harry L.*, '48, is Research & Development Administrator for the U.S. Air Force, and his mailing address 4921st Test Group (Atomic) Development Test Div., Kirtland AFB, New Mexico. His home is at 2911 General Chausault St. NE, Albuquerque, New Mexico.
- Hawd, John Heller*, '48, is design engineer for Aero-Jet General Corp., and lives at 507 South Lark Ellen Ave., West Covina, Calif.
- Jones, Robert L., Jr.*, '48, is with Southern Construction Co., Augusta, Ga.
- Lander, Maurio R.*, '48, is with the Raw Materials Div., Tenn. Coal & Iron Co., Birmingham, Ala. His home is at 1123 South 41st St., Birmingham.
- McKenzie, Robert W.*, '48, is now with the Herdis Myer Co., 2224 Gomer Bldg., Birmingham, Ala.
- Summerville, James L., Jr.*, '48, is a senior engineer in the Technical Section of the Chatsanooga Nylon Plant, E.I. DuPont de Nemours & Co. and lives at 3790 N. Cassouille Trail, Hixson 3, Tenn.
- Acker, Richard Norris*, '49, is now supervisor of Work Standards, Packard Electric Div., General Motors Corp., Warren, Ohio, and goes mail at P.O. Box 17, Brimleyville, Ohio.
- Blackman, Arthur Wade, Jr.*, '49, is a research engineer for United Aircraft, East Hartford, Conn., and his home address is 2 Stephen St., Manchester, Conn.
- Gray, William D., Jr.*, '49, is now with the DuPont Co. in construction of the Savannah River Atomic Energy Plant.
- Martin, Jack*, '49, is district lighting specialist, General Electric Co., Cleveland, Ohio, and lives at 2471 Woodmere Drive, Cleveland Heights, Ohio.
- Spur, Wm.*, '49, is mechanical engineer with the Rust Engineering Co., and lives at Apt. 1, 2493A Park Lane Court N., Birmingham, Ala.
- Thomas, E. L., Jr.*, '49, now lives at 110 Ridgeway Road, Fairfield, Ala.
- Young, Fletcher*, '49, is with Corning Glass Works, Harrodsburg, Ky.
- Aspinth, Robert C.*, '50, is with General Electric Co., and lives at 1100 Westcott St., Syracuse 10, N.Y.
- Butler, Frank Middleton*, '50, is chief of instrument section, Santa Rosa Island Testing Facility, and mail should be sent to 28 South Elliot Road, Fort Walton Beach, Florida.
- Carr, James B.*, '50, is chief engineer and foreman of Coiling, General Electric Co., Circleville Lamp Works, Ohio, and lives at 211 Cedar Heights Road, Circleville.
- Hayes, Billy H.*, '50, out of the army, is now with Wolverine Tube Division, in Decatur, Alabama.
- Mavery, Erskine Allen*, '50, is assistant mine sup. for International Minerals & Chemical Corp., Bartow, Florida, and lives at 1321 East Gibbons, Bartow.
- Morison, James R.*, '50, is a draftsman with the TC & I Div. of US Steel and lives at 1113 South Shadowview Terrace, Birmingham, Ala.
- Marphose, William D.*, '50, is now with the U.S. Government, Radstone Aerial, Huntsville, Ala.
- Wilkie, William Raymond*, '50, gives his mailing address at 18 North Orlando Ave., P.O. Box 431, Cocoa Beach, Florida.
- Bryan, William T.*, '51, is now assistant foreman of Bridges, Eastern Div., St. Louis & San Francisco Ry., Springfield, Mo.
- Carter, William H.*, '51, is out of the army and now with the Alabama State Highway Dept. at Troy, Ala. His home is at Hillcrest Acres, Rt. #21, Troy.
- Foster, Joe S.*, '51, is in process development work for Rohm & Haas Co., Huntsville, Ala., and lives there at 311 Crestline Road.
- McLoud, Norman J.*, '51, out of the army, is with Phillips Petroleum Co. in Bartlesville, Oklahoma.
- McRae, Robert Gene*, '51, is at 967 West St., Pittsfield, Mass.
- Niemczak, Anthony Joseph*, '51, is a structural steel designer, TVA, 611 Union Bldg., Knoxville, Tenn., and lives at 2810½ Linden Ave., Knoxville.
- Quinn, Luther B.*, '51, is out of the army and with the Alabama Power Co. His home is at 1316 Graymont Ave., Birmingham, Ala.
- Pollard, Jack*, '51, is with Southern Bell Tel. Co. in Birmingham, Ala. and lives at 1401 Norwood Blvd., Birmingham.
- Roy, Robert*, '51, has been released by the armed services and is with Bell Telephone Laboratories in New York City. His home address is 104-44 126th St., Richmond Hills 18, Queens, N.Y.
- Schroeder, Edward P.*, '51, is with the Westinghouse Lamp Div. in Reform, Alabama.
- Whitney, David*, '51, is an engineer for the Hayes Aircraft Co., and lives at 1131 140th St. South, Apt. #2, Birmingham, Ala.
- Ackertblom, Richard C.*, '52, is test and liaison engineer for the Hamilton Standard Division, Bradley Field, Windsor Locks, Conn. His home is at 70 Humphrey St., Hartford, Conn.
- Bryer, John H.*, '52, Lt. USAF, is at the University of Michigan and his home address is 2111 West Stadium Blvd., Ann Arbor, Michigan.
- Fell, Henry Perry*, '52, Lt. USAF, is at the Institute of Technology, University of Michigan, Ann Arbor, Mich., and his home

- is at 325 E. Jefferson, Ann Arbor. His permanent address is 1801 Kensington Road, Birmingham 9, Ala.
- Olson, Gerald**, '52, with Timber Structures in Birmingham, Ala., lives at 2021 South 6th, Birmingham 5.
- Blackwood, David E.**, '53, gives his business address as c/o Code 538, Main Navy Bldg., 17th & Constitution, Washington, D. C.
- Carr, William E.**, '53, who graduated in August, is with the Douglas Aircraft Co. in Santa Monica, Calif.
- Curl, Richard H.**, '53, Ensign USN, can be addressed c/o USS Bryce Canyon, IPO, San Francisco, Calif.
- Enochs, Philip R.**, '53, and Miss Jacqueline Jume were married January 18, 1954. He is jr. gen. engr., Humble Oil & Ref. Co., Box 274, Katy, Texas, and gets his mail at Box 282 Sealy, Texas.
- Finch, Steve Hood**, '53, is a petroleum engineer with Magnolia Petroleum Co. in Morgan City, La., and gets mail at P.O. Box 910.
- Gentry, John C.**, '53, is with the Newport News Shipbuilding & Dry Dock Co., Newport News, Virginia.
- McDuff, Odie P.**, '52, is with Bell Tel. Lab in New York City.
- Meighan, George**, '53, is test engineer in the Advanced Engineering Development Section of General Electric Co., Ft. Wayne, Indiana.
- Word, Jean L.**, '53, is now with Pressure Concrete Co., 311 South Court St., Florence, Alabama.
- Moore, Robert A.**, '54, is a graduate assistant at Northwestern Univ. and lives at 1840 Sheridan Road, Evanston, Illinois.

NU

- Griggs, Thomas Newell**, '54, was honored by Carnegie Institute of Technology for his work as a distinguished lawyer devoted to public affairs and to the advancement of his profession. He was president of the Allegheny County Bar Association in 1952-53.
- Majer, Joseph C.**, '54, is working in the chief facility survey section at Norton AFB, San Bernardino, Calif., and living at 111 West Prospect Ave., Loma Linda, Calif.
- Matter, Milo P.**, '55, sales manager of the Cleveland unit of the A. & P. Food Stores, has completed 25 years with the firm.
- Randbach, Herman P.**, '51, is now in the Cleveland office of the Electro-Metallurgical Co. His home is at 21018 Halburton St., Cleveland 22, Ohio.
- Lustenberger, L. C.**, '56, is executive vice president of the W. T. Grant Co., New York City.
- Wagner, Frank L.**, '56, is a director of the General Container Corporation of Cleveland and general manager of the Dubuque Container Co. He lives with his wife and daughter at 1931 Coster Ave., Dubuque, Iowa.
- Patt, Donald L.**, '58, Lt. Gen. USAF, has been appointed by the president to be commander of the Air Research & Development Command.
- Tyce, Thomas W.**, '58, is now on the Board of Managers of the Maryland Institute in Baltimore. He is general superintendent for Consolidated Gas, Electric Light & Power Co., in Baltimore.
- Doble, Clarence R.**, '59, is executive vice president of the Knox Glass Bottle Co. in Pittsburgh, Pa.
- Murdock, William P.**, '59, now lives at 7018 13rd Ave. NE, Seattle 5, Wash.
- Toner, David K.**, '59, is now with the headquarters staff of Blaw-Knox Co. as manager of the control section. He started with the company in 1950 and his last job was supervisor of construction of a large steel plant in Chile.
- Baugh, Lawrence M.**, '51, is contractor with the Baugh Construction Co. in Seattle, Wash., and the home address is Rt. 2, Box 6247, Issaquah, Wash.
- Smedberg, Merle W.**, '51, is an electrical engr. with the Atomic Energy Commission, Oak Ridge, Tenn. and lives at 406 Villanova Road.
- Kibley, Miles A.**, '52, Lt. Col. USA, is commandant of the 8th Army Ordnance School at Yong-dung-po in Korea.
- Miller, Harry P.**, '53, reports a new son, Thomas Ward. His home is in Rochester, New York.
- Harvey, John M.**, '54, is in Battle Creek, Michigan, as an electrical engineer specializing in TV.
- Lordeke, Valentine D.**, '54, is coordinator for DuPont at Pensacola, Fla., where a nylon plant is being built for the Chemstrand Corp. Home is at 700 W. Mount St., Pensacola, Fla.
- Herron, James W.**, '55, is general sales mgr., H. H. Robertson Co., and lives at 211 Outlook Drive, Pittsburgh 28, Pa. He reports the birth of a daughter, Margo, in August 1955.
- Derraco, A. R.**, '56, lives at 2336 Fairmont Ave., Philadelphia 18, Pa.
- Lightcap, Richard C.**, '56, may be addressed c/o Orinoco Mining Co., Apartado #31, Ciudad Bolivar, Venezuela, S. A.
- Levy, George P., Jr.**, '57, is president of the Cardinal Steel Supply Co., Cleveland 4, Ohio.
- Martin, William W.**, '57, is assistant group

- leader, CNR-6, Los Alamos Scientific Laboratory, New Mexico.
- Peterum, W. Jerome*, '37, lives at 392 Gilbert St., Ridgewood, N. Y.
- Roland, Henry*, '37, lives at 1721 Montgomery Road, Wilmington, Del.
- Hardin, Leonard*, '38, reports the birth of a son in May 1934. The family home is at 9701 Saxony Road, Silver Springs, Md.
- Hillier, Austin*, '38, is manager of production and research for the General Electric Co. in York, Pa., and lives on R.D. #8, York, Pa.
- Henderson, Melvin D.*, '39, Lt. Col. USMC, is on duty in Washington, D.C. He is engineer officer on the staff of the Commandant of the Marine Corps staff.
- Link, Joseph G., Jr.*, '40, lives at 1364 Windemere Ave., Baltimore, Md.
- Griffith, O. C., Jr.*, '42, Lt. Col. USAF, is at Norton AFB, San Bernardino, Calif.
- Hanna, William L.*, '42, lives at 1126 Fourth St., Monongahela, Pa.
- Horn, Frank W.*, '42, Major USA, is chief of the test project section at Ladd Air Force Base.
- Moore, Donald A.*, '42, is a research engineer with E. I. DuPont de Nemours Co. in Wilmington, Del., and lives at 801 Elizabeth Ave., Bellefonte, Wilmington.
- Rolf, Robert W.*, '42, is senior mechanical engineer for H. J. Heinz Co., and lives at 133 Hillside Place, Pittsburgh 8, Pa.
- Le Bon, Charles B.*, '43, has been elected vice-president of Arcadia Metal Products. The Le Bon's have three children and live at 1129 Valley View Ave., Pasadena, Calif.
- White, Eugene C.*, '43, is an electrical engineer with the General Electric Co., Schenectady, New York, and lives at 12 Birch Lane, Scotia 2, N. Y.
- Dodds, Robert M.*, '44, is a partner of the firm Lorenzi, Dodds & Gunnill, Engineers & Architects, Pittsburgh 19, Pa. His home is at 1423 Page Drive.
- Servicio, Mario T.*, '44, is an estimator for Mechanical Handling Systems Inc., Detroit, Mich. His home is at 17284 Sumner, Redford, Mich.
- Bingham, Richard S., Jr.*, '46, is quality control engineer, Atlas Powder Co., Volunteer Ordnance Wks., Chattanooga, Tenn. He teaches at the University in his "spare" time. His home is at 1020 Hurst St., Chattanooga 11, Tenn.
- Wolff, Merle T.*, '46, has twin sons, Kevin James and Scott Seanor, born May 3, 1933. Their home is at 4197 Groveland Ave., Royal Oak, Mich.
- Kerr, Robert M.*, '47, reports a new daughter, Marsha Lee, born August 22, 1933. He is with Inland Steel Co., Chicago Heights Plant, and lives at 801 Abenden Drive, Lincolnshire Estates, Crest, Ill.
- Meierdicks, J. B., Jr.*, '47, has joined the materials and chemical processes department of the Gen'l. Electric Laboratory in Schenectady, N. Y.
- Mellott, Cloyd R.*, '47, now lives on Dursenville Road, RD #13, Pittsburgh 11, Pa.
- Weber, Karl R., III*, '47, Lt. USA, is back home from Germany and teaches Fixed Bridges at the Officers Candidate School at Ft. Belvoir, Va., where he can be addressed at Room 41, Bldg. 69, Sultan Hall, Ft. Belvoir, Va.
- Bostillon, Peter C.*, '48, Lt. (jg) USN, was given the Navy Commendation Ribbon with Combat Distinguishing Device for performance of duty as gunnery officer on the UAA Maddox in the Western Pacific.
- Frank, James E.*, '48, is now traffic supervisor, Western Traffic, Bell Telephone Co. of Penn., Philadelphia, Pa.
- Hall, Harold G.*, '48, reports a third son, David George, born Aug. 21, 1933. The family lives at 991 Greenview Road, Pittsburgh 26, Pa.
- Paulsen, Robert J.*, '48, is at 4019 Montecello, Cleveland Heights 21, Ohio.
- Stephenson, John C.*, '48, went to Cairo, Egypt and then to Baghdad, Iraq for Arthur D. Little Inc., of Cambridge, Mass.
- Vidt, Edward J.*, '48, and Miss Jane H. Throop were married on December 21, 1933. He is process engineer with the Chemical Plants Division of Blow-Knox in Pittsburgh, Pa.
- Booth, Willie A.*, '49, and Betty D. Johnson of Holden, Mass. were married on July 11, 1933. He is with the General Engineering Laboratory of General Electric Co. in Schenectady, N. Y. as a development engineer. His home is in Apt. 4, Van Kuetrik Bldg., Netherland Village, Schenectady 8, New York.
- Fraser, Norman H.*, '49, lives at Apt. C, Bldg. 3, Greentree Gardens, Pittsburgh 20, Pa.
- Levy, Carl E.*, '49, is with Northern Light Co., Pittsburgh, Pa.
- Ferguson, Thomas G., Jr.*, '50, and Miss Virginia Lee Chandlers, were married in 1932 at the San Antonio, Texas AFB. Their daughter, Susan, was born March 27, 1933. He is industrial designer and engineer for Washington Steel Products, Inc., 1940 East 11th St., Tacoma, Washington.
- Rowley, Barry M.*, '50, is supervisor of the statistical unit, National Supply Co., Pittsburgh, Pa.
- Shaffer, Louis R.*, '50, is design engineer with Sharon Seed Corp. in Sharon, Pa., and lives at 637 South 9th St., Sharpsville, Pa.
- Stow, Herbert*, '50, is Ordnance Engineer, Bureau of Ordnance, Washington, D.C. and lives at Apt. 6, 1608 19th St. NW, Washington 9, D.C.

XI

Bocheri, Walter Clyde, '49, is a chemical sales engineer for Anchor, Danahy, Midland Co., and lives at 24-32 84th St., Jackson Heights, New York.

Mitka, Alex Robert, '16, is a research chemical engineer for General Mills Inc., 2010 E.

Hennepin, Minneapolis 13, Minn., and lives at 915-17th Ave. SE, Minneapolis 14, Minn.
Plakett, Clyde Arthur, Jr., '10, is working for the Grain Processing Co., and lives at 108 West 7th St., Muscatine, Iowa.

OMICRON

Nelson, Edwin G., '24, has left Boulder City, Nevada, and is assistant reclamation commissioner in Washington, D. C.

Cook, Francis D., '34, now lives at 2452 Via Lucia, Montebello, Calif.

Hang, Clarence E., '32, Col. USA-EC, can be addressed: 19th Engineer Group "C", APO 895, c/o Postmaster, San Francisco, California.

Off, Roy E., '32, is now with the U.S. Corps of Engineers at Omaha, Neb.

Killing, Glen T., '40, has been named chief engineer and director of the Bureau of Sanitary Engineering of the Arkansas State Health Department.

Kippchen, Charles, '42, is now full professor and head of mechanical engineering at Washington University, St. Louis, Mo.

Kraatz, Lowell, '48, reports the birth of Lori Ann on March 27, 1954.

Ruppert, H. G., '42, works for DuPont in Richland, Wash. He has a boy and a girl and lives at 1110 Kimball in Richland.

Evans, Alva, '49, lives in Cedar Rapids, Iowa.
Beggs, Richard A., '10, works for the Pittsburgh-Des Moines Steel Co. as their project engineer on the Fort Randall Dam project. His address is Box 464, Pickstown, South Dakota.

Hall, Donald W., '38, represents Arcon Drainage & Metal Products Co. in Des Moines, Iowa.

Griesbach, Henry L., Jr., '31, will receive an M.S. degree at the Iowa continuation at Iowa. He reports the birth of his second child, Henry Louis III, on April 3, 1953.

Dieme, Lawrence A., '12, is now a 1st Lt. USA, Ordnance Dept., and is stationed at the Redstone Arsenal, Huntsville, Ala.

Flanders, Raymond, '13, is now employed by Thompson Products, Inc., Cleveland, Ohio.

Long, Francis, '13, Lt. USA, is attached to the 341st Engineering Bridge Co. in Korea.

Luontzen, Perry, '14, and Patricia Kinney were married on June 16, 1954, and are living in Little Neck, Long Island, N. Y.

PI

Whe, S. Griffin, '22, has discontinued the business of S. Griffin Whe in Mount Vernon, New York, and is living in Bridgewater, Virginia.

Erboli, Harrison, '21, is now in India as a top official in the Technical Consultant Mission of the Foreign Operations Administration. His headquarters are in Bombay.

Knight, Elmer M., '21, has offices in the Bank of Reidville Bldg., Reidville, N. C.

Gilchrist, Barth John, '37, is division mgr., Guerin-Bacon Co., 482 North Broad, Philadelphia, Pa.

Rucker, John T., Jr., '37, is administrative assistant to the director of research, Hooker Electrochemical Co., Niagara Falls, N. Y.

Nichols, Frank P., Jr., '41, is district materials engineer for Virginia's Department of Highways with headquarters in Fredericksburg, Virginia.

Brown, Charles L., '41, completed his graduate studies at the University of Pennsylvania, and is now commercial manager for the American Telephone & Telegraph Co. in Atlanta, Ga. and lives at 778 Woodley Drive, Atlanta.

Thacker, Dean Reynolds, '44, and Miss Marcia Lampinok were married August 8, 1953.

They live in Groton, Conn.

Odette, Ralph E., '47, is with the Atomic Power Division, Westinghouse Electric Co., Pittsburgh, Pa. and lives at 1766 Skyline Drive, Pittsburgh 27, Pa.

Hatcher, Richard L., '47, is home on leave after serving 3 years with Chase National Bank in the Orient. Mail can be sent to 137 North Norwood St., Arlington, Va.

Markwood, Thomas W., '47, is now assistant plant manager of the nitrogen division plant of the Allied Chemical & Dye Corp. in Hopewell, Virginia.

Whitlatch, Buckley, '47, of Baton Rouge, La. reports the birth of Martha on September 14, 1953.

Rowan, Robert L., Jr., '48, is with Rowan Drilling Co. in Midland, Texas.

Spicer, Garland H., Jr., '48, Capt. USAF, who has been on duty in Arabia, is now attached to the 12nd Air Division as a weather forecaster.

Fagg, Edward T., '49, has joined the staff of the organic chemicals department of the DuPont Company's Jackson Laboratory and lives in Sharptown, New Jersey.

Patterson, Theodore T., '49, has joined the Research Center of the Burroughs Corp. in

- Philadelphia, is a technical writer.
- Shocks, Clarence D., Jr.*, '49, is now resident engineer in Charleston, West Virginia, for the Bailey Meter Co.
- Wade, Nval Osgood, Jr.*, '49, is district supt. Long Lines Dept., American Telephone & Telegraph Co., 416-7th Ave., Pittsburgh, Pa. and lives at 506 Oxford Blvd., Mount Lebanon, Pittsburgh, Pa.
- Keer, Charles III.*, '51, whose home is in Pittsburgh, Pa., is an Ensign on active duty with the Navy.
- Betty, Frank R.*, '52, is an instructor at the Army's guided missile school at Redstone Arsenal, Huntsville, Ala. Mail should be

- sent to his home, 621 Locust Ave., Charlottesville, Va.
- Morgan, William H.*, '52, is again with the Ethyl Corp., Houston, after a Korean tour as an army officer. His home is at 1519 Oakdale, Houston 4.
- Burgess, William H., Jr.*, '53, is on the staff of the DuPont Electrochemical Laboratory in Niagara Falls, New York.
- Coker, Melver*, '53, and *Randolph S. Nurnally*, '53, have graduated from the Naval officers school at Newport, R.I. and are ensigns on active duty. Coker's home is in Franklin, Va. and Nurnally lives in Colonial Heights, Va.

RHO

- Cooper, Edward M., Jr.*, '50, is now manager of the nylon plant of E. I. DuPont de Nemours Co. in Chattanooga, Tenn.
- Gibson, John M.*, '51, has moved to Aiken, South Carolina.
- Hosse, Daniel*, '51, is president of the Kiwanis Club in Louisville, Ky. but lives in nearby Clarksville, Indiana.
- Boss, Julian W.*, '51, has been elected treasurer of Anatomical Electronics Inc. and is manufacturing and production engineer with Aerotron, the trade name for the organization at the manufacturing division located at the Raleigh-Durham Airport.
- Kelly, James E.*, '51, reports the birth of a son on Sept. 28, 1953, in Raleigh, N. C.
- Kelly, Raymond S.*, '51, is now on the technical staff of the Radar Laboratory, Hughes Research & Development Laboratories, Culver City, Calif.
- Harper, Walter W.*, '44, is now executive vice president of the Fayetteville Area Industrial Corp., Fayetteville, N. C.

- Heffernan, James A.*, '44, left Pasadena, Texas, and moved to Long Island, New York.
- Dean, James E., Jr.*, '46, has been promoted to assistant chief chemist in charge of the Technical Service Group at the Covington, Va. plant of Industrial Rayon Corp.
- Inland, Norman Scott*, '48, is now living in Richmond, Va.
- Hennagan, Stephen Goodyear*, '49, and Miss Helen Elisabeth Moody were married October 10, 1953 and live in Henderson, N. C.
- Stafford, Alton Warren, Jr.*, '49, is with the Ragel Paper Corp., Acme, North Carolina.
- Allen, Lewis M.*, '50, is now on the staff of Harbison-Walker Refractories Co., Protective Life Bldg., Birmingham, Ala.
- Knouler, Guy E., Jr.*, '51, 1st Lt. USA, and Miss Arminae Drensel were married August 11, 1953, and live in Tucson, Arizona.
- Lampe, Ruel Warren*, '51, and Miss Faye Lee were married on Aug. 13, 1953.
- Smith, Roy Wayne, Jr.*, '51, lives at Myrtle Beach, South Carolina.

SIGMA

- O'Rourke, James D.*, '26, is now assistant manager of the Service & Maintenance Dept., Weirton Steel Co., Weirton, West Virginia.
- Hindman, Richard M.*, '38, is assistant chief engineer for the Dowler Jarvis Div. of National Lead Co. in Toledo, Ohio.
- Jordan, John W.*, '50, has been appointed assistant to the executive vice president of accounting, U.S. Steel Corp., Pittsburgh, Pennsylvania.
- Schaich, Wilbur A.*, '54, is now patent counsel and director of the patent department, Owens-Illinois Glass Co., Toledo, Ohio.
- Broune, Seymour K.*, '40, announces the adoption of Jeffrey Edward, December 29, 1952. He has just returned from a trip to England, the Middle East, Pakistan and Thailand for the International General Electric Co. His home is 190 Fifth St., Stamford, Conn.

- Detweiler, Robert H.*, '40, is now senior staff engineer, Western Traffic, Bell Telephone Co. of Pennsylvania, Philadelphia, Pa.
- Cameron, William H.*, '43, is a chemical engineer now living in Akron, Ohio.
- Montgomery, George H.*, '44, reports the birth of a son, James DeWitt, on December 10, 1953. His home address is RR #1, Box 192, Kent, Ohio.
- Thomas, Byron E.*, '47, is a student of theology at St. Alberts College, Oakland, Calif.
- Schlofata, Eugene*, '48, is design engineer for Mott & Merryweather Machinery Co., Cleveland, Ohio.
- Mohler, Clinton A.*, '47, is branch manager for the Fishboro Co. in Knoxville, Tenn. His home is at 4912 Gwinfield Drive, Knoxville.
- Kov, John P.*, '49, is senior methods engineer for H. K. Ferguson Co., Foley, Florida.
- Wilson, Harry A.*, '49, reports the birth of a

son, Douglas Ray, on July 25, 1954. His home is at 363 Livezey St., Philadelphia, Pa.

Hodges, Leroy V., '10, is a combustion engineer with United Steamer Sales Co., Pittsburgh, Pa.

Jones, Donald F., '12, is in the engineering department of Ohio Bell Telephone Co., Columbus, Ohio.

Conden, Leach, '11, is working for Linde Air Products Co., Speedway, Indiana.

Jorgenson, Harold D., '11, and Miss Joyce Scatter were married June 20, 1953. He is a petroleum engineer and can be addressed at Box 111, Riverton, Wyoming.

Spaulding, Donald L., '11, has a son, Bill, born December 10, 1952. Home is at 204 Clark St., Cincinnati, Ohio.

Ferrin, Raymond A., Jr., '12, reports the birth of Kathleen Sandra on Sept. 10, 1954 at 282 Arrowhead St., Park Forest, Illinois.

Robb, William J., '12, is now assistant construction engineer with the Anchor Hocking Glass Co., Lancaster, Ohio.

Satava, Richard Donald, '12, reports the birth of Nancy Lynn, on April 11, 1953. His home is at 351 East 250th St., Cleveland, Ohio.

Arthur, Lee F., '13, is employed by the National Carbon Co. in Fremont, Ohio.

Barta, Irvin M., '13, and Miss Nancy M. Brunner were married Sept. 12, 1953 and are living at 404 Middle St., Montevallo, Alabama.

Finzerelli, Antonio, '13, is a student engineer with Ohio Bell Telephone Co., Dayton, Ohio.

Koch, George E., '13, is with Dow Chemical Co., Midland, Mich.

Mitchell, Jay P., '13, is with Sylvania Electric Products Co., Ottawa, Ohio.

Shinz, Chester S., '13, is with Lincoln Electric Co., Cleveland, Ohio.

DiDomenico, Louis J., '14, is in the engineering department of RCA, Victor Division, Camden, New Jersey.

Kiviat, Olef E., '14, and Miss Peggy Ann Quinn were married on September 4, 1954. Their home is at 157 N. Kellner Road, Columbus, Ohio.

Mitchell, David R., '14, is with Shell Chemical Corp., Houston, Texas.

Timko, Eugene W., '14, is a junior metallurgist with the Aluminum Co. of America in Cleveland, Ohio.

TAU

Gray, Kenneth E., '27, formerly with the N. Y. Telephone Co., has opened an office in Albany, N. Y. as an engineering consultant.

Brewer, William E., '10, is chief inspector for John A. Boudling's Sons Corp. in Morristown, New Jersey.

Sobersalski, Valentine Ralph, '31, is Lt. Comdr. USC & CG, Box 3387 Honolulu, Hawaii, and lives at 1153 Alewa Drive, Honolulu.

Leach, Gen E., '33, USN, is stationed in Atlanta, Ga.

Koch, Edward C., '14, is manager of dealer

sales of John-Manville Transit Dept. in Port Washington, N. Y.

Schug, Donald F., '18, Lt. Comdr. USN, has joined the faculty of the Naval ROTC at Kennesaw Polytech, Troy, N. Y.

Kallander, Donald E., '48, is now industrial relations manager for the Hewlett-Robins Rubber Co. at the home office in Stamford, Connecticut.

Chambers, Albert, '11, USA, is at Camp Gurn, Ga.

Hacker, Sander J., '12, is design engineer with Intra Electronics Corp., Roseland, New Jersey.

UPSILON

Avanigan, George Francis, Hon., is Dean of Engineering, Univ. of Arkansas in Fayetteville, Ark., and lives at 1455 Markham Road.

Johnson, Alfred Eugene, Hon., is Chief Engineer, Dept. of Highways, State of Arkansas, Little Rock, Ark., and lives at 2900 Kavanaugh, Apt. 3, Little Rock, Ark.

Clark, R. H., '29, is administrative engineer for Warner & Swasey Co. in Cleveland, Ohio.

Chase, Robert, '11, is process engineer for the Texas Company in Lawrenceville, Indiana, and lives there at 1114-12th St.

Dunkle, William F., '41, after practicing engineering for ten years, is studying for the

ministry and lives at 1120-6th St., New Orleans, La.

Pittman, Edgar A., '41, reports the birth of a daughter, Melinda Elizabeth, born June 21, 1953. His home is at 1525 Roosevelt Ave., Tyler Park, Falls Church, Va.

Randolph, John, '41, Lt. Comdr. USN, is now at Norfolk, Va. and gets mail at 245 E. 40th St.

Helm, Floyd Parker, '42, is a chemical engineer for Union Carbide Co. in Texas City, Texas, and lives there at 1406 Houston Drive West.

Johnson, George Stanley, '47, is fan design engineer for Green Fuel Examiners, Inc.,

- 626 Main St., Beacon, New York, and lives there at 109 North Ave.
- Mosel, Marshall*, '47, lives in Pineville, La. *Hedgcock, Ray*, '48, reports the birth of a son, Louis Ray, on July 10, 1953. Mail is received at Box 1762, Monroe, La.
- Merrill, Wiley W.*, '48, gets mail at Box 40, Lowell, Oregon.
- Reynolds, Joseph*, '48, is at 401 N. Jackson, Rolla, Mo.
- Cox, Clem, Jr.*, '49, gives his address as 1291 Ryland, Cincinnati, Ohio.
- Hanna, Homer*, '49, is with Burns & McDonnell Engineering Co., Kansas City, Mo., and lives at 4424 Melrose Lane, Shawnee, Kansas.
- Russell, Wm. E., Jr.*, '49, Lt. USN-CE Corps, is now teaching at the University of Michigan and lives at 2816 Pittsfield Blvd. in Ann Arbor, Mich.
- Smith, Richard Gene*, '49, has bought a home at 1044 Ebertson Drive, Webster Groves, Missouri.
- Gammell, Edward L.*, '50, and Miss Miriam Graham were married on July 11, 1953. Their home is 326 East 99th, Inglewood, California.
- Buchart, Graydon*, '50, with Chance-Vought Aircraft Co. in Dallas, has a new home at 966 Meadow Oaks, Arlington, Texas.
- Gilham, Richard*, '50, and Miss Margaret Helen Marks were married April 17, 1953, and live at 981 N. Sam Houston, Odessa, Texas.
- Goodman, Harley*, '50, lives at 121 NW 19th, Oklahoma City, Okla.
- Griffin, Jack*, '50, out of the army, gets mail at General Delivery, Pasadena, Texas.
- Shook, William E.*, '50, and Ada Lee Smith, were married in Fayetteville on December 10, 1953. Their home is at 2410 Cherry Ave., Pine Bluff, Ark.
- De Roulhac, Joseph*, '51, is now out of the service and is an engineer with the Buckeye Cotton Oil Co., Corinth, Miss.
- Richmond, Nathaniel*, '51, and Miss Dorothy Sinclair were married June 18, 1954. Their home address is Camden, South Carolina.
- Robbins, Billy A.*, '51, is employed with Hughes Aircraft Corporation in Los Angeles

as a patent engineer on the Patent Staff. Upon graduation in 1951 he worked for the International Business Machines Corporation in Endicott, N. Y., for six weeks, when he received his commission as a 2nd Lt. in the U.S.A.F. After serving a two-year tour of duty in Biloxi, Miss.; Albuquerque, N. M. and Limestone, Maine, he married Juanita Pennell of Binghamton, N. Y. At present he is attending the University of Southern California Law School, Evening Division, working toward an LL.B. degree.

- Roberts, Roy, Jr.*, '51, is a civilian electronics engineer at the Air Force Cambridge Research Center, Cambridge, Mass.
- Spinelli, William A.*, '51, Lt. USA, and Miss Mary Frances Thurston were married in Little Rock on February 6, 1954, and are living at 100 N. Pine St., North Little Rock, Arkansas.
- Wight, Walter F.*, '51, Lt. USA, and Miss Carolyn Beadbury of Belfast, Maine, were married on November 22, 1953. He is stationed at Dow AFB, Bangor, Maine.
- Boling, Hugh Donald*, '52, 1st Lt. USA, is at Clark AFB in the Philippines.
- Bullen, Edmond*, '52, is with Shell Oil Co. in Norco, Louisiana.
- Kooner, James F.*, '52, 1st Lt. USA, is in Korea and can be addressed at 24844A, Team 407, APO 528, Postmaster, San Francisco.
- Bennett, James H.*, '53, and Betty Joe Melton were married on August 26, 1953.
- Bodie, William*, '53, and Joan Siseland were married in Camden, Ark., on Sept. 12, 1953. He is stationed with the airforce in Amarillo, Texas.
- Miller, Gus*, '53, is with the Schlumberger Well Surveying Co., Houston, La.
- Bonner, Gordon*, '54, is now at the Air Force Research & Development Headquarters in Baltimore, Md.
- Harvey, Edward M.*, '54, recently joined the 8177th Technical Service Unit at White Sands Proving Ground, N. M. Private Harvey entered the Army last June and was stationed for a time at Camp Chaffee, Ark.

PHI

- Tector, Ralph E., Hon.*, is president of the Perfect Circle Co., Hagerstown, Indiana.
- Jackson, George L.*, '26, has been named chief engineer for the Illinois State Toll Highways Commission, Springfield, Ill.
- Bartholomew, Paul W.*, '30, is technical director, Minnesota & Ontario Paper Co., International Falls, Minn., and lives there at 485-2nd St.
- Ginseng, Gordon R.*, '32, lives in Rolla, Mo.
- Corbin, William Carl*, '34, is now district

sales supervisor for Indiana and Michigan Electric Co., Union City, Indiana, and lives there at 228 North Howard St.

- Wass, Verlin Marvin*, '34, is resident engineer for the Standard Oil Co., (Ind.) at Mandan, N.D. His home is at 114 Sixth Ave. NW, Mandan, North Dakota.
- Horiman, Donald C.*, '35, is now assistant general superintendent of the Continental Steel Corp., and lives at 1101 West Superior St., Kokomo, Indiana.

Ott, William Regnaeth, '40, is project engineer in construction for Procut & Gangle Corp., St. Bernard, Ohio, and lives at 2872 Sheldon Ave., Cincinnati 24, Ohio.

Jordan, Philip Ross, Jr., '41, after several years in the Navy, joined the staff of the American Wheelbrator Co. in Mishawaka, Indiana, and is now chief sales engineer. His home is at 1122 East 3rd St., Mishawaka, Indiana.

Clawer, Calvin K., '48, is an electronics engineer for Designers for Industry Inc. in Cleveland, Ohio, and lives at 1124 Hamp-

ton Road, Rocky River, Ohio.

Storvik, Robert V., '50, who was enrolled at the Navy Officers Candidate School in Newport, was married in June, 1954, to Marilyn Thaw in Cleveland and they are living in Honolulu, T.H.

DiPaquale, Ray, '51, is out of the armed forces and can be addressed at 292 Bernsford Road, Rochester 16, N.Y.

Wickert, Richard J., '53, now lives at 4304 North Alpine, Milwaukee 31, Wis. He is with the Perflex Corp., 500 W. Oklahoma St., Milwaukee.

CHI

Butler, Gordon M., Hon., charter member of Chi, has retired as Dean of the College of Engineering, University of Arizona, Tucson, and now lives at 1147 South Van Ness Ave., Santa Ana, Calif.

Knickerbocker, James L., Hon., lives at 721 Calle Castile, Tucson, Ariz.

Marconis, Melindore A., Hon., lives at 4720 E. Scatter St., Tucson, Ariz.

Bennett, Earl R., '51, Comdr. USN, is stationed on Guam.

Giner, Peter, '52, Col. USA, is now attending the Army War College at Carlisle Barracks, Pennsylvania.

Gerhardt, Alvin W., '53, is now with the Jaquays Mining Co., asbestos producers, in Globe, Arizona.

Lamb, Frank D., '53, is with the minerals division of the U.S. Bureau of Mines in Washington, D.C., as commodity analyst.

Keller, Frank, '55, is an engineer with the Bureau of Reclamation in Delano, Calif.

Potter, George M., '55, is being sent to Mexico City for several years by the U.S. Bureau of Mines and can be addressed c/o American Embassy, Mexico City, D.F.

Draeger, John, '56, can be addressed at Box 142, Superior, Arizona.

Rabb, David D., '58, MS '58, is a metallurgist with Cryogenic Engineering Laboratory, Boulder, Colo.

Rittenhouse, John D., '58, and Joan Dundren were married February 27, 1954, and are living at 200 Walnut, San Francisco, Calif.

Chase, Charles, '59, is now general manager, Vulcan Iron Works, 1423 Stout St., Denver, Colo. His home is at 625 Clayton, Denver, Colo.

Drew, Martin M., '40, is civil engineer for Twatts-Morrison-Knudsen-Maccu in Twenty Nine Palms, California, and the family home is at 116 34th St., Manhattan Beach, California.

Allen, Henry, Jr., '41, is general plant foreman for International Smelting & Refining Co., Inspiration, Ariz.

Myers, Edward L., '43, Capt. USAF, is now stationed at Altus AFB, in Oklahoma. He

reports the birth of a son, David, on May 12, 1953.

Finn, Norman F., '45, is with the engineering department at the University of California in Berkeley.

Anthony, John, '48, is on leave of absence and studying for his Ph.D. at Harvard. He has been on the faculty at Arizona.

Kernan, Peter, '46, lives at 1752-8th Ave., Yuma, Arizona.

Minor, Peter, '46, reports the birth in Tucson, Arizona, of a son, Peter Michael, on April 21, 1953.

Brittain, Richard L., '47, is Supt. of the Hill-top Mine, Pual, Ariz.

Holmes, Denman Keith, '47, is employed by the Hercules Powder Co. in San Francisco, California, and the family home is at 2904 San Juan Blvd., Belmont, Calif.

Creeighton, David, '48, is with the Bureau of Reclamation, Galeta Airport, Santa Barbara, California.

Henderson, Ray, '48, is an engineer for the Sandia Corp. in Albuquerque, New Mexico.

Rich, John, '48, is plant supt. for Tempe and Kyrene Inc. the Water Users Assoc., and the family home is in Phoenix.

Shall, James R., '48, has moved the family home to Covina, Calif.

Elchuck, Steve, '48, owns and operates the Arizona Bookstore on The Square in Tucson, Arizona. His home is 413 E. Baker St., Tucson.

Fenton, Norman, '49, is an engineer with the W. H. Eddy Electric Products Co. in Phoenix, Arizona.

Ingram, Gerald E., '49, and Joyce England were married on Feb. 8, 1954, and are living in Florence, Arizona.

Johnson, William, '49, is engineer for the Arco Drainage & Metal Products, Inc. in Tucson.

Pierce, Vinton, '49, now lives in Corpus Christi, Texas.

Wickham, John, '49, is test engineer at Convair and has bought a home in La Mesa, California.

Anderson, Gene, '50, is engineer for the

Fisher Contracting Co. in Phoenix, Ariz.
 Ellingboe, John, '10, is with Hughes Aircraft Co. in Inglewood, Calif.
 Hoot, Louis, '10, was awarded a Phelps-Dodge Scholarship of \$1200 plus tuition and fees and is studying for his doctorate at the Mo. School of Mines.
 Wenzel, Robert O., '10, is with the Naturita Supply Co., Naturita, Colo.
 Littrell, James, '11, is now in Ajo, Arizona.
 McDuff, Jack, '11, is with Johnstonsville Co. in San Francisco.
 Seeveringhaus, Nelson, '11, Lt. USA, is stationed at Ft. Bliss, Texas.
 Barnard, Theodory, '12, is in the engineering department of Miniature Precision Bearings Inc. in Kew-Forest, N. Y.
 Reppert, Donald, '12, has moved to Spokane, Wash.

Ratnerman, Ernie, '12, Lt. USAF, is now stationed in Rome, N. Y.
 Jenney, William, '13, reports the birth of a son on December 27, 1913. He is a mining engineer in Oracle, Arizona.
 Nordstrom, Robert, '13, is with General Electric Co., Philadelphia, Pa. His home is in Media, Pa.
 Schaeley, George, '13, is a mining engineer with Magna Copper Co., Superior, Arizona.
 Unitt, Stanley, '13, is an engineer in Alhambra, California. His home is at 2612 Ross Ave., Alhambra.
 White, Ronald, '13, is a test engineer for General Electric Co. in Schenectady, N. Y.
 Hawsenlock, Charles, '14, is a Lt. in the Air Force.
 Shepley, Donald, '14, is an engineer with Clark & Co., Tucson, Arizona.

PSI

McAdams, John D., '14, is now supt. of the Waukena mine of the M. A. Hanna Co. in Iron River, Mich.
 Sullivan, John F., '14, is with the U. S. Corps of Engineers, 110 Sutter St., San Francisco, California.
 Utt, Ralph B., '14, lives at 146 Gearyville Way, San Francisco, Calif.
 Hines, Harold L., '16, is with the U. S. Bureau of Reclamation in Yuma, Arizona and lives at 1501-4th Ave., Yuma.
 Tarrant, Bernard R., '17, is with Ingersoll-Rand Co., 126 First Ave., Seattle 4, Wash., and lives at 11558 Riviera Place NE, Seattle.
 Youngberg, Elton A., '17, is director of the mining division of the U. S. Atomic Energy Commission in Grand Junction, Colo.
 Blake, Robert A., '18, is now mill supt. for the Black Lake Ashcroft Co., Black Lake, Quebec, Canada.
 Hanson, George T., '18, is now with Ana-

conda Aluminum Co., Box 294, Columbia Falls, Montana. A few months ago he spent several weeks at an aluminum reduction plant in the French Alps.
 Crowell, Wilbur T., '14, is superintendent of the New Point Mines, Campo Soco, Calaveras County, Calif.
 Burns, Robert J., '18, is field editor for the Mining World, 121 Second St., San Francisco, Calif.
 O'Connell, Edwin J., '10, lives at 2111 Sacramento St., San Francisco, Calif.
 Privider, Charles K., '10, lives at 4416-21st St., San Francisco, Calif.
 Vorrell, Frank J., '11, lives at 149 Buckingham Way, San Francisco 27, Calif.
 Hewitt, Charles H., '11, and Janice L. Everett, were married December 26, 1914 in Monroe, Michigan.
 Levandowski, Donald, '11, is completing work on his doctor's thesis in geology at the University of Michigan in Ann Arbor.

OMEGA

Martin, Harold, '11, reports the birth of a son, Jeffrey Harold, born August 26, 1913, in Rapid City.
 Purcell, Lyle J., '11, wrote the Grand Scribe that he is now a vice president of Barton, Barton, Darrine & Osborne, 383 Madison, New York 17, N. Y. and lives at 10-11 112nd St., Flushing, Long Island, N. Y.
 Whitham, W. C., '17, division engineer with C. M. St. P. & P. R. R. in Spokane, Wash., reports the birth of a son, Stephen Scott, born June 27, 1913. His home is at 4614 N. Hawthorne St., Spokane 18.
 Lee, Elmer, '40, is senior structural engineer with Bechtel Corp., San Francisco, Calif.
 Bender, Eugene H., '41, is in Las Cruces, New Mexico.

Reinecke, Durwood, '47, sales engineer for Sheffield Steel Co., is now located in Lorain, Ohio.
 Zimmerman, Robert C., '47, is now foreman with Longview Fiber in Longview, Wash.
 Wilmarth, Veel R., '48, is on furlough from the U. S. G. A. to attend graduate school at Princeton University and hopes to get his Ph.D. in about two years. His home is at 411-A Butler Ave., Princeton, N. J.
 Hanson, Glenn M., '48, is with the Bureau of Mines manganese deposit at Wenden, Arizona. He reports a daughter, Chris Ann, born July 1, 1913.
 Hughes, William L., '49, is assistant professor of electrical engineering at Iowa State Col-

legs and lives at 479 Pammel Ct., Ames, Iowa.

Antis, Marvin, '10, is with the Milwaukee Road, and lives at 408 South Kline, Aberdeen, South Dakota.

Gamberg, Russell, '10, is with Lane-Wells in Casper, Wyoming and lives at 444 N. Lowell, Apt. 6.

Gardner, John, '10, field engineer for Hughes Aircraft Co., reports the birth of a son, Stanley Wade, born Sept. 17, 1913. His home is at 756 East Rosewood Court, Ontario, Calif.

Jarrett, Al D., '10, is Convair field engineer, Fairchild AFB, Fairchild, Wash.

Rasch, Stephen J., '11, is a design engineer for Westinghouse Electric Corp., and lives at 13 North Oakland Ave., Sharon, Pa.

Dalke, Wayne, '11, a metallurgist, reports the birth of a second daughter, Gwenn Cheryl, on October 1, 1913, in Coltraine, Minn.

Graham, Keith D., '11, now gets mail at Box 78, Rt. #1, Orono, Minn.

Griffith, Russell V., '11, is a research engineer for Westinghouse Electric Corp., and lives at 91 C. Brookdale Gardens, Bloomfield, New Jersey.

Paulson, Duane P., '11, is a structural engineer with Spitznagel & Associates, Sioux Falls, S. D.

Anderson, Donald N., '12, now lives at 11 Greenhriar Ave., Summit, N. J.

Eckins, George, '12, is a research assistant at Iowa State College, Ames, Iowa. His home is at 441 Pammel Court, Ames.

Mey, Robert, '12, jr. engineer with Lockheed now lives at 4431 Stansbury, Van Nuys, Calif.

Petersen, Fred, '12, Ensign USN, is ship supt. for electronics, Long Beach, Calif.

Rose, Jack R., '12, now lives at 41 Stridum St., Rochester 12, N. Y.

Bangs, Robert, '13, is with the Bridge Department for the State of California, and lives at 1503 West Houston, Visalia, Calif.

Bierwagen, Elmer, '13, is a graduate student in the Dept. of Geology, California Tech, Pasadena, Calif.

Hansen, Walter G., '13, is at Tally Lake ranger station, Whitefish, Mont.

Oelap, James, '13, with A. C. Spark Plug Co., is at MacDill Air Force Base, Tampa, Fla.

Otto, Donald H., '13, is with A. C. Spark Plug Co. in Lake Charles, La., and lives at 3217 June St., Lake Charles.

Ryman, Mike, '13, Pvt. USA, has completed basic training and can be addressed: U.S. 15595271, Svc. Btry., Class 41, 31 E. A., Bn. 10 Inf. Div., Ft. Riley, Kansas.

GAMMA BETA

Cushman, Robert, '10, is out of the army and is connected with a tool and die works in Saginaw, Mich. His address is 2818 Wynos Street, Saginaw.

Lewis, John, '10, Lt. jg USNR, is stationed at the Marine Corps Air Station, Miami, Fla. His address is 2320 NW 101st St.

Russo, Joseph, '11, has moved to 1085 Park Ave., Mendocino, Pa.

Nyer, Charles, '12, is with the Glenn L. Martin Aircraft Corp. in Baltimore. His mailing address is 1701 Waverly Way, Baltimore, Maryland.

DELTA BETA

Jenkins, Leo Benjamin, Jr., Hon., is an instructor in EE at the University of Louisville and lives at 220 North 12nd St., Louisville, Ky.

Wendt, Wyle B., Hon., has retired after 29

years with the Spaul Scientific School, 21 of them as Head of the Civil Engineering Dept. He is now Professor Emeritus of Civil Engineering.

EPSILON BETA

Savarn, Victor Justus, '10, recently released by the army, is a mechanical engineer for H. E. Beyrer & Associates, 2000 Industrial

Bank Bldg., Detroit 26, Mich., and lives at 421 North Franklin, Dearborn, Michigan.

Brooklyn Bridge: Nightfall

D. B. Steinman*

Against the city's gleaming spires,
Above the ships that ply the stream,
A bridge of haunting beauty stands—
Fulfillment of an artist's dream.

From deep beneath the tidal flow
Two granite towers proudly rise
To hold the pendent span aloft—
A harp against the sunset skies!

Each pylon frames, between its shafts,
Twin Gothic portals pierced with blue
And crowned with magic laced design
Of lines and curves that Euclid
knew.

The silver strands that form the net
Are beaded with the stars of night
Like jewelled dewdrops that adorn
A spiderweb in morning light.

Between the towers reaching high
A cradle for the stars is swung;
And from this soaring cable curve
A latticework of steel is hung.

Around the bridge in afterglow
The city's lights like fireflies gleam,
And eyes look up to see the span—
A poem stretched across the stream!

*Prominent bridge designer in New York City.

Suddenly called out of town, Paul Harvey, the Chicago news commentator, told a new secretary: "Write Allis-Chalmers in Milwaukee. Say that I can't keep that appointment Friday. I'm off for Texas. I'll telephone when I get back. Sign my name." Upon his return, Harvey found this carbon waiting:

*Alice Chalmers
Milwaukee, Wisconsin
Dear Alice:*

Im off for Texas and can't keep date. . .

Harvey promptly phoned the tractor division and said, "I hope you haven't received a certain letter."

"Received it!" came the reply. "It's been on the bulletin board for three days!"
The Readers Digest

of the future. He replied that, in his opinion, man would, within 50 years, be able to fly like the birds.

"Nonsense," shouted the bishop. "Flight is reserved for the angels!"

The bishop's name was Wright. He had two sons—Orville and Wilbur.

The first grade teacher was getting acquainted with her new class. To one youngster she said, "Billy, whose little boy are you?"

"Oh, I'm my mamma's little boy."

"Sally, whose little girl are you?"

"Im my daddy's little girl."

"Johnny, whose little boy are you?"

"Aw, cut out the rough stuff, will you teacher. There's been trouble about that at home already."

Many years ago at a meeting, a bishop challenged the presiding officer to name just one possible invention

The best memory expert is a woman who has once been told another woman's right age.



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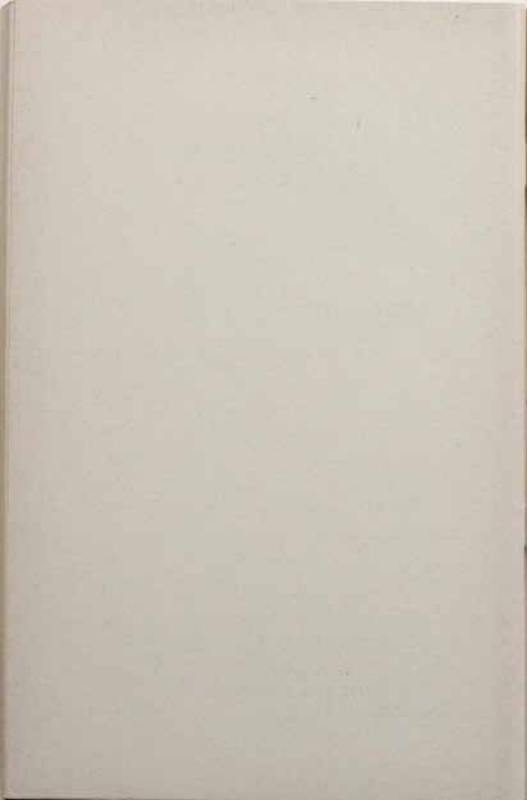
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