

THE GEAR of THETA TAU



GRAND REGENT CHARLES W. BRITZIUS

Volume XLVIII

Spring, 1959

Number 2

The **GEAR** *of*
THETA TAU



Spring, 1959

VOLUME XLVIII

NUMBER 2

Theta Tau Fraternity

Founded at the University of Minnesota October 15, 1904

FOUNDERS

ERICH J. SCHRADER
WILLIAM M. LEWIS

ISAAC B. HANKS
ELWIN L. VINAL

EXECUTIVE COUNCIL

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(Address all Telegrams to 125 West First St., Reno, Nevada)
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- WILLIAM K. REY, Mu '45 *Grand Vice-Regent*
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- RAMOND HANES, Sigma '24 *Grand Inner Guard*
581 Dominion Blvd., Columbus 14, Ohio
- CHARLES WALES, Epsilon Beta '53 *Grand Outer Guard*
17281 Cicotte, Allen Park, Michigan

DELEGATE AT LARGE

- A. D. HINCKLEY, Theta '27 *Past Grand Regent*
90 Morningside Dr., New York 27, N. Y.

REGIONAL REPRESENTATIVES

- William E. Franklin, 1217½ S. Johnstone, Bartlesville, Oklahoma
Chester J. Selden, 24831 Crowley Ave., Taylor Center, Michigan
Palmer Terrell, 803 N. Highland, Fayetteville, Arkansas

THE GEAR OF THETA TAU

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

Letters for members of the Council should be addressed to
the individual by name.

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Cleveland—James R. McKinney, 715 Union Bldg., Cleveland 15, Ohio
Detroit—Leonard S. Stokes, 27908 Shock, St. Clair Shores, Mich.
Intermountain—E. J. Watts, 118 Social Hall, Salt Lake City, Utah
National Capital—George Tittrington, 4111 Rosemary St., Chevy Chase 15, Md.
Southwestern—Robert L. Houston, University of Arizona, Tucson, Ariz.
Twin City—Glen W. Schwartz, 3020 Rankin Rd., Minneapolis 18, Minn.

The GEAR *of* THETA TAU

OFFICIAL PUBLICATION OF THE FRATERNITY

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

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VOLUME XLVIII

SPRING, 1959

NUMBER 2

Chapters

ALPHA, *Founded October 15, 1904* - - - - University of Minnesota
(Chapter house) 515 Tenth Ave., S.E., Minneapolis 14, Minn.

BETA, *Established March 26, 1906* - Michigan College of Min. and Tech.
(Chapter house) 1405 College Ave., Houghton, Michigan

GAMMA, *Established November 8, 1907* - - Colorado School of Mines
Box 134, Colorado School of Mines, Golden, Colorado

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

IOTA, *Established February 5, 1916* - - - - Missouri School of Mines
c/o Prof. Ralph E. Schowalter, Mechanical Engineering Department,
Missouri School of Mines, Rolla, Mo.

LAMBDA, *Established April 29, 1920* - - - - - University of Utah
University of Utah Union Building, Salt Lake City, Utah

MU, *Established January 3, 1922* - - - - - University of Alabama
P. O. Box 3156, University, Alabama

XI, *Established January 13, 1923* - - - - - University of Wisconsin
c/o Dr. G. A. Rohlich, 9 Hydraulics Lab., Univ. of Wis., Madison 6, 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
Thornton Hall, University of Virginia, Charlottesville, Va.

Chapters (Continued)

- RHO, *Established February 16, 1924* - N. C. State Coll. of Ag. and Eng.
P. O. Box 5282, North Carolina State College Station, Raleigh, N. C.
- SIGMA, *Established November 29, 1924* - - - Ohio State University
(Chapter house) 1946 Indianola Avenue, Columbus 1, Ohio
- TAU, *Established December 12, 1925* - - - - - Syracuse University
Box 149, University Station, Syracuse 10, N. Y.
- UPSILON, *Established April 7, 1928* - - - - University of Arkansas
301 North University, 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
(Chapter house) 840 E. Fourth St., Tucson, Arizona
- PSI, *Established May 7, 1932* - - - - - Montana School of Mines
c/o Prof. Koehler Stout, Montana School of Mines, Butte, Montana
- OMEGA, *Established March 26, 1932* - - - S. Dakota School of Mines
(Chapter house) 107 Kansas City St., Rapid City, S. Dak.
- GAMMA BETA, *Established March 16, 1935* - G. Washington University
Davis-Hodgkins House, George Washington Univ., Washington 6, D. C.
- DELTA BETA, *Established May 20, 1939* - - - University of Louisville
(Chapter house) 2022 S. First St., Louisville 8, Ky.
- EPSILON BETA, *Established May 19, 1951* - - Wayne State University
(Chapter house) 1107 West Warren, Detroit 1, Michigan

MEMBERS OF THE PROFESSIONAL INTERFRATERNITY CONFERENCE



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The George D. Louderback Convention

Twenty-Second Biennial Convention Held in Madison in December 1958

When the delegates began to arrive at the Edgewater Hotel on December 27 for the Twenty-Second Biennial Convention of Theta Tau, they probably did not realize that much work had already been done. Local arrangements in the hands of members of Xi Chapter were by that time essentially complete. Grand Regent Hinckley had made his usual careful selection of key committeemen, and the credentials committee sat poised and ready to give the chapter representatives a thorough working over on fraternity lore.

Smoker

By 7:30 p.m. most all official representatives had arrived and an informal meeting was arranged. At this meeting, the Grand Regent introduced the national officers and the Xi Chapter adviser, Professor Rohlich. He in turn introduced Dean Wendt of the Engineering College who expressed pleasure at having Xi host to the convention. He pointed out that the membership clause was of vital importance to Xi and reviewed the University of Wisconsin rulings on this point. He indicated that a deadline of 1960 for removal of restrictive clauses based on race, creed, or color had been established for all student organizations.

Following Dean Wendt's talk, refreshments (Milwaukee type) were provided after which an open

meeting on membership requirements was opened by committee chairman Britzius. This proved so popular that it had to be moved to a large room to accommodate the entire group of delegates. It was to the credit of all that although there was a wide variation of opinion and considerable argument, there was no heat displayed.

Attendance

The official attendance was as follows:

Executive Council

Grand Regent A. Dexter Hinckley, Theta
'27
Grand Vice-Regent Charles W. Britzius,
Alpha '33



Edgewater Hotel



DELEGATES TO GEORGE W. LOUDERBACH CONVENTION

Front row, left to right: Chester J. Seldon, Regional Representative; C. Raymond Hanes, Central Alumni Association; Norman B. Ames, Special Representative; Paul L. Mercer, Grand Treasurer; John M. Daniels, Grand Marshal; Charles W. Britzius, Grand Vice Regent; A. Dexter Hinckley, Grand Regent; Robert E. Pope, Grand Scribe; William K. Rey, Grand Outer Guard; Richard Lynch, Grand Inner Guard; Joe W. Howe, Gear Editor; William E. Franklin, Regional Representative.

Second row, left to right: G. A. Rolich, Xi Chapter Adviser; William C. Schetter, Epsilon Delegate; Sherman Ansell, Xi Committee Chairman; C. Robert Franklin, Zeta Alternate; Bernard Schunicht, Omega Guest; William L. McCammon, Delta Beta Alternate; David C. Winzer, Alpha Alternate; Paul H. Schluter, Jr., Alpha Delegate; David F. Nyman, Delta Delegate; William Luedke, Xi Alternate; John G. Bishel, Sigma Alternate; Charles M. Schmidt, Omicron Alternate; Kenneth I. Pendleton, Iota Delegate; James N. Dresser, Phi Delegate; Walter E. Luethy, Xi Guest.

Third row, left to right: Thomas A. Church, Omicron Delegate; Arnold Blumenstein, Mu Delegate; William R. Mills, Gamma Delegate; John P. Hoskyn, Upsilon Delegate; John M. Slepitz, Pi Delegate; Gerald J. Thomas, Epsilon Beta Guest; Robert E. Knoll, Epsilon Beta Guest; Gerald P. Lahti, Epsilon Beta Delegate; John M. Dealy, Membership Requirements Committee; Kenneth J. Hutton, Sigma Guest; John Gerham, Delta Alternate; Terry I. Lester, Lambda Alternate; Joseph S. Wasielewski, Beta Delegate; Jerry L. Yohey, Phi Alternate.

Fourth row, left to right: Claus C. Kuehl, Omega Delegate; William A. Kellenberg, Xi Delegate; John D. O'Neale, Gamma Beta Alternate; Charles E. Wales, Detroit Alumni Association; Robert R. Wright, Iota Alternate; James H. Colvert, Upsilon Alternate; James W. Simms, Chi Delegate; Lloyd O. Durcan, Jr., Sigma Delegate; Robert J. Carmeyer, Epsilon Beta Alternate; Jon W. Ostberg, Beta Alternate; Robert D. McBrayer, Rho Delegate; James R. Case, Tau Delegate; George G. Dodd, Zeta Delegate; Ronald E. Gorringer, Lambda Delegate; James W. Faricy, Alpha Guest.

Grand Scribe Robert E. Pope, Zeta '52
 Grand Treasurer Paul L. Mercer, Omicron '21
 Grand Marshal John M. Daniels, Nu, Hon. '22
 Grand Inner Guard Richard Lynch, Epsilon Beta '53
 Grand Outer Guard William K. Rey, Mu '46

Past Grand Regents

John M. Daniels, Nu, Hon. '22
 Norman B. Ames, Gamma Beta '17
 H. H. Hopkins, Beta '08

Editors of the Gear

Paul L. Mercer, Omicron '21
 Joseph W. Howe, Omicron '24

Delegates

Paul H. Schluter, Jr., Alpha
 Joseph S. Wasielewski, Beta
 William R. Mills, Gamma
 David F. Nyman, Delta
 William C. Schetter, Epsilon
 George G. Dodd, Zeta
 Kenneth I. Pendleton, Iota
 Ronald E. Gorringer, Lambda
 Arnold Blumenstein, Mu
 William A. Kellenberg, Xi
 Thomas A. Church, Omicron
 John M. Slepetz, Pi
 Robert D. McBrayer, Rho
 Cloyd O. Duncan, Jr., Sigma
 James R. Case, Tau
 John P. Hoskyn, Upsilon
 James N. Dresser, Phi
 James W. Simms, Chi
 Claus C. Kuehl, Omega
 Raymond J. Sullivan, Gamma Beta
 Charles C. Hager, Delta Beta
 Gerald P. Lahti, Epsilon Beta
 C. Ramond Hanes, Central Alumni
 Charles E. Wales, Detroit Alumni
 Charles W. Britzius, Twin City Alumni

Alternates

David C. Winzer, Alpha
 Jon W. Ostberg, Beta

John Gerhan, Delta
 C. Robert Franklin, Zeta
 Robert R. Wright, Iota
 Terry I. Lester, Lambda
 William Luedke, Xi
 Charles M. Schmidt, Omicron
 John G. Bishel, Sigma
 James Colvert, Upsilon
 Jerry L. Yohey, Phi
 John D. O'Neale, Gamma Beta
 William L. McCammon, Delta Beta
 Robert J. Cafmeyer, Epsilon Beta

Visitors

James W. Faricy, Alpha
 Sherman D. Ansell, Xi
 Walter E. Luethy, Xi
 John M. Dealy, Zeta
 William E. Franklin, Zeta
 Martin Stiller, Omicron
 Kenneth J. Hutton, Sigma
 Bernard Schunicht, Delta Beta
 Chester J. Selden, Epsilon Beta
 Robert E. Knoll, Epsilon Beta
 Gerald J. Thomas, Epsilon Beta

First Day

On December 28th the day began with breakfast in the beautiful dining room on the lakeshore following which the delegates assembled in the convention room.

Brother Kellenberg, Regent of Xi Chapter, brought the convention to order and turned it over to Grand Regent Hinckley and the other national officers. Grand Scribe Pope called the roll and the convention was under way. National officers' reports were first in order.

National Officers' Reports

Grand Regent Hinckley first reviewed interim decisions made by



Hotel Dining Room, Inside and Out

the Executive Council, going into some detail in the matter of the suspension of Theta Chapter. Inasmuch as he was a member of this chapter, the Grand Regent found its unfraternal conduct personally distressing and it was evident that he had reluctantly carried out his obvious duty. Brother Hinckley reviewed the elaborate committee set-up which carried on the instructions of the last convention. He spoke particularly of the definite steps taken toward expansion and expressed his appreciation to other members of the Executive Council for their loyal support.

Next came Brother Daniels' report for the credentials committee. With true Christian charity he named only the delegates who were rated superior in their knowledge of the fraternity. These were Brothers Slepetz, Pi; Blumenstein, Mu; Dodd, Zeta; and Duncan, Sigma.

Grand Vice-Regent Britzcius came next. He listed visits to Xi and Alpha Chapters and participation in Regions II and IV conferences as his major activities during the biennium. He had also visited Brother Hinckley while in New York. His major concern, however, had been his chairmanship of the committee on membership qualifications. This had demanded much thought, sev-

eral meetings, and solicitations of opinions from many Theta Tau's.

Grand Scribe Pope had a long report dealing with many aspects of the fraternity. He reviewed his visitation schedule which included Sigma, Delta, Beta, Zeta, Phi, Iota, Gamma, Lambda, Epsilon, and Xi. His and other national officers' visits totalled 20 for the biennium. He reported a visit to Erich Schrader at which he had urged the founder to write a history of the fraternity. Brothers Franklin and Dealy were complimented for their work on constitutional revision. All told, the Grand Scribe issued 70 reports or circulars in addition to a very substantial correspondence.

In looking objectively at the fraternity, Brother Pope listed the settling of the membership clause and getting an expansion program underway as the two most important problems facing the convention and a central office with a travelling secretary as next in order. He noted that the fraternity membership now exceeded 15,000.

A report from Delegate at Large Jamison Vawter was read by Brother Hinckley. He cited Brothers Schrader, Howe, Mercer, Hopkins, Daniels, Curtis, Glass, and Ames for their many long years of service. He urged the convention to accept the recommendation of the interim committee on membership qualifications. Brother Vawter recalled that he had attended all conventions of Theta Tau from 1921 to 1956 inclusive and regretted his absence from this one.

Grand Treasurer Paul Mercer indicated that his function had been mainly the investment of surplus



Britzcius, Hopkins, Ames, and Hinckley

funds since the active handling of day to day receipts was done by Erich Schrader, the Executive Secretary. He noted that a \$5,000 loan had been made to Alpha and \$2,000 paid for a memorial library in their new house. THE GEAR endowment fund had risen from \$51,840 in 1956 to \$59,508 in 1958. The general fraternity fund had remained about constant at \$24,500. Total invested assets (at purchase price) were reported as \$107,530.

THE GEAR report was given by Brother Howe. He noted that just fifty years ago Brother Hopkins, then a senior in Beta Chapter, had published the first issue of the magazine and that he and Paul Mercer were now in their thirtieth year as editors. The circulation of THE GEAR exceeds 5,000 and some 45% of those eligible for life subscriptions are receiving it. The cost of producing the magazine has remained essentially constant during the last ten years, being less than \$2.00 per subscriber per year.

Grand Marshal John Daniels came next. He reported the issuing of 669 pledge forms and 420 shingles. Initiates during the biennium numbered 669 and his total membership figure was 15,303.

Brother Lynch, Grand Inner Guard, reviewed his visits to Delta and Epsilon Beta Chapters and his attendance at the Executive Council meeting in Minneapolis. His principal assignment was the organization of the regional conferences. As a member of the membership qualifications committee, he felt that the restrictive membership clause should be eliminated. He also stressed greater contact between the Execu-

tive Council and the chapters, the need of a central office, and expansion as the fraternity's major problems.

Grand Inner Guard Rey finished the reports from the national officers. His principal activity had been as chairman of the committee on the scholarship award although he had served on the membership qualifications committee and had, as well, visited Delta Beta Chapter and attended the Executive Council meeting in Minneapolis.



Regional Representatives Franklin and Selden

Regional representatives Bill Franklin and Chester Selden, who had been appointed fairly late in the biennium, reported briefly.

Alumni Association Reports

The Alumni Association reports followed: Brother Hanes for Central Alumni, Wales for Detroit, Britzius for Twin City, and O'Neale for National Capital. Each of the associa-



Constitution and by-laws committee Sims, Schmidt, O'Neale, Wales, Bishel

tions appeared to be active. The stock purchasing club operated by the Detroit Association seemed an interesting and unusual activity.

Delegates Begin Chapter Reports

The morning being still young, the reports from the chapters were begun. Many good activities were revealed as each covered its major programs. Actives now in school can learn much by reading through these reports in the convention minutes. Space does not permit a review of all of the excellent ideas which were proposed.

Memorial Service

By lunch time reports of chapters Alpha through Epsilon had been received. A short recess was declared after which the memorial service for brothers who died during the biennium was read.

The convention picture was shot just before lunch. The delegates were crowded into the available space to such an extent that the picture would probably have been impossible after lunch!

First Afternoon Business Session

The afternoon session saw the introduction of a public stenographer who could record the business conducted by the convention. The report of Brother Britzius, chairman



Hinckley announcing membership clause change

of the committee on membership qualifications, was received. He reviewed previous votes on removal of the race restriction clause and stated that Wisconsin, Wayne, Columbia, Minnesota, Syracuse and California Universities had set deadlines for the removal of such clauses or had taken a strong stand against them. Then followed vigorous but dispassionate discussion with amendments, motions for the previous question, and other parliamentary maneuvers as the delegates sought to hammer out a statement which would be reasonably acceptable to all chapters. It was apparent that the delegates were willing to put the welfare of the fraternity above personal or chapter bias. Finally an amended motion was passed with considerably more than the necessary two-thirds majority, which restricted membership to males over 18 years of age who showed professional promise. Inasmuch as this statement contained no reference to race or creed, it should be acceptable to all of the universities at which chapters do now or might someday exist. Applause rung out at the conclusion



Mills of Chi, Wasielewski of Beta,
Dodd of Zeta



Committee at work: Wales, Ansell, Slepetz, Schluter

of the business as all realized that the fraternity had safely passed a troublesome question which had already cost it two chapters and over which dangerous disagreement could have resulted.

More chapter reports followed, chapters Zeta through Tau appearing before the session ended.

That evening the cold weather, the dearth of night life in Madison, and the committee work assigned to each delegate kept most in the hotel grinding out reports.

Second Day

On the morning of the 29th, "Deacon" Ames appeared in a bright red vest which startled any sleepy-eyed delegates into complete consciousness. Brother Rey brought down a gaudy red tie to add the finishing touches to the "Deacon's" sartorial impact only to find to his dismay that he himself had forgotten to wear any tie.

The business began with a report by the Grand Regent on the Professional Interfraternity Conference, following which there was some discussion of the value of membership in the organization. "Dex" defended the P.I.C. with vigor and

Grand Treasurer Mercer stated that the cost of our participation was \$250.00.

Theta Tau Scholarship

Brother Rey reported on the Theta Tau Scholarship, stating that there had been 17 applicants from 13 chapters. Twelve of the applicants were undergraduates. The winner was Robert A. Moore, a senior at the University of Virginia, who had been treasurer and regent of Pi Chapter. Brother Rey felt that the basis of selection should be clarified, i.e. the relative weights to be given to financial need, chapter service, and academic status. He felt that the scholarship should be continued. This precipitated some debate, Brother Hoskyn taking the position that the money might be better spent in colonization efforts or campus visitations in the interest of expansion. His opinion prevailed and the scholarship was discontinued.



"Deacon" reading interim extension committee report

The rest of the chapter reports were then given.

Expansion Efforts

"Deacon" Ames next reviewed his efforts to promote expansion, noting that he had visited thirteen campuses and spent \$675.00 in an effort to stimulate interest. While his travels had been disappointing to him, he nevertheless proposed some definite actions which should be taken. These included transfer of members to colonize, the reactivation of Theta, Kappa, and Nu Chapters, the employment of a travelling agent, and the increase of chapter sizes to the constitutional limit.

Brother Hanes, moving to the podium which "Deacon" Ames with his red vest had just vacated, began with "you can now rest your eyes!" He continued with a suggestion for expansion, stressing the need for an active executive secretary who would travel to many campuses. He estimated that \$10,000 would be needed for such an officer. He urged the increase in the number of regional representatives to eight, a merger

with Sigma Phi Delta, and a \$500 colonization scholarship. This precipitated a discussion, particularly in reference to the \$10,000 secretary, but no positive action was taken and all adjourned for lunch.

Second Afternoon Business Session

After lunch on the second day, the discipline committee, Brother Dresser, chairman, submitted its report. It was concerned with the expulsion of the Theta men for their disloyal actions and violation of promises. There was vigorous discussion as to degree of guilt and appropriate action, but it was finally decided that the chapter should remain suspended and the particular individuals guilty of unfraternal conduct should be expelled.

The convention committee, Wasielewski, chairman, recommended December 25 to January 1 as the best time for the 23rd biennial convention. It also reported invitations from Lambda and from Epsilon Beta Chapters. The decision as to location was left to the Executive Council.



Hinckley presenting Schrader Award to Dodd of Zeta



Left: Franklin, Britzius, Dodd
Center: "Hop" and "Deacon" congratulate Vernon Gross, convention initiate
Right: Dodd, Pope, Daniels, Howe

Schrader Award

Brother Lahti of the Schrader Award Committee recommended the revision of the entire structure of the scoring system. He proposed 500 points for the several phases of internal operation, 250 points for group activities and 250 points for individual extra-curricular activities, the whole totalling 1,000 points. The suggestions were referred to an interim committee but there was a favorable reaction among the delegates.

George Dodd, chairman of the constitution committee, next took the floor but didn't get into the heart of the report when adjournment was necessary in order that preparations for the convention initiation ceremony could be made.

Convention Initiation

An excellent initiation ceremony was put on by delegates Sullivan, Kuel, Lahti, Dresser, Case, Kellenberg and Simms. The initiate was Vernon L. Gross of Xi Chapter.

Banquet

Following the initiation, there was a brief opportunity for an aperitif before the convention banquet. The delegates then set about the business of demolishing some thick steaks and when fully replenished leaned back in their chairs to

enjoy a program guided by that master toastmaster, "Deacon" Ames. The first order of business was the presentation of the "Outstanding Delegate" award to Brother Sullivan of Gamma Beta and Brother Sullivan of Zeta, who despite two ballots had finished in a dead heat. Both men had been prominent in the floor and committee activities and the double award seemed most appropriate.

Brother Dodd was called back to the head table immediately to accept, in behalf of Zeta Chapter, the Erich J. Schrader Award.

Brief words of welcome were voiced by Brothers Ansell and Rohlich of Xi Chapter. Grand Regent



Sullivan and Dodd

Hinckley and Past Grand Regent Hopkins then gave appropriate talks. Despite Dex's merry tale of the general lying in a hospital bed with a lily where he thought the thermometer was, his talk was chiefly a serious and inspirational comment upon affairs of the fraternity. "Hop", who aside from Founder Erich Schrader has been prominent in Theta Tau affairs longer than anyone else, also gave a talk which was an inspiration to the younger men. None could fail to get a lift from the dedication of these older men to the fraternity.

Last Day

The convention still had much to do on the last day with early adjournment desirable from the standpoint of travel. Brother Dodd resumed the constitution committee recommendations. Of immediate importance were clarification of expulsion requirements and the decision to make this convention's constitutional revisions effective at once.

Brother Schluter secured the passage of the ritual committee report which contained revision in accord with the constitutional changes previously enacted. These were perilous waters but the delegates held

steadfast in their determination not to let the race clause disrupt the fraternity and unanimous consent was given. After this climactic moment, everything else seemed simple.

The auditing committee gave a clean bill of health to the books of the Grand Treasurer, Grand Marshal, and THE GEAR. No audit of Erich Schrader's books was possible. Several recommendations were made: a certified count of securities should be made each biennium; checking accounts should not be allowed to exceed \$10,000; all financial reports should be submitted to the Grand Treasurer; an official representative of the Executive Council should audit the books of the Executive Secretary.

Brother McBrayer reported for the regional meetings committee which recommended that meetings be held in the 1959-60 school year. The suggested hosts were Rho, Region I; Zeta, Region II; Delta Beta, Region III; and Omega, Region IV. Brother Lynch pointed out that the last regional meetings cost \$1,090. of the \$1,500. budgeted for the purpose by the last convention. It was recommended that a \$4.00 registration fee should be levied, full expenses for delegates and \$6.00 per day for others should be paid by



Zeta contingent: Bob Franklin, Dealy, Dodd, Pope, William Franklin



The Executive Suite

Upper: Hopkins overpowers Ray
 Center: Hinckley and Pope; Ames, Hinckley and unknown brother
 Lower: Stiller, Britzius, Howe; William Franklin, Britzius



New Executive Council
Wales, Mercer, Rey, Britzius, Pope, Lynch, Hanes

the fraternity, and that \$2,000 should be budgeted for regional meetings.

Brother Sullivan's budget committee recommended a \$46,000 budget, \$34,500 to be derived from income and \$11,500 from invested funds. It was understood that this would provide for an active traveling secretary who would make a determined effort for expansion.

The discipline committee came back to finish the disposition of the Theta suspension case. A motion finally prevailed which expelled the particular members but reminded them that they could apply for reinstatement, left the charter suspended until the next convention, called for notification of the Columbia administration and former Theta members of the change in membership qualifications.

Resolutions

Brother Mills proposed resolutions naming the convention after the late George D. Louderback, founder of Epsilon Chapter and Past Grand Regent, expressing appreciation to Founder Vinal for his communication to the convention, and gratitude to Brothers Ames and Daniels

for their long and faithful service to the fraternity. Both the Edgewater Hotel and Xi Chapter were recognized for their excellent arrangements for the meeting.

Nominations

The nominations committee recommendations were as follows:

Grand Regent, Charles Britzius
Grand Vice Regent, William Rey
Grand Scribe, Robert Pope
Grand Treasurer, Paul Mercer
Grand Marshal, Richard Lynch
Grand Inner Guard, Ramond Hanes
Grand Outer Guard, William Franklin

There were nominations from the floor for the last three positions: William Franklin for Grand Marshal, and Charles Wales for both Inner and Outer Guard positions. The balloting was close on these contests. These officers were elected:

Grand Marshal, Richard Lynch
Grand Inner Guard, Ramond Hanes
Grand Outer Guard, Charles Wales

Installation

The newly elected officers were installed in regular fashion. An in-

formal invitation from Phi chapter for the next convention was presented and a motion to revise the pledge form to conform to the convention action was passed. The new Grand Regent then brought down the gavel on the 22nd Biennial Con-

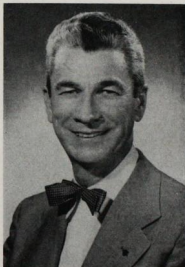
vention. It will be remembered as the one which finally decided the membership qualification issue and exhibited real statesmanship in avoiding the explosive disruption of the fraternity which could have resulted from the situation.

Introducing C. Ramond Hanes, Grand Inner Guard

C. Ramond Hanes was born in Lima, Ohio, and liked the Buckeye State so well that he never left it. His college career was spent at Ohio State University where he was elected to Tau Beta Pi and became a charter member of Sigma Chapter of Theta Tau when it was established in 1924. Since that time, Brother Hanes has maintained a lively interest in the activities of the Fraternity.

After receiving his B. C. E. degree, Ray was in industry and private practice until 1928 when he joined the Ohio Highway Department as an assistant division engineer. He has been with the department ever since that time and has been, progressively, field engineer and structural engineer in the Bureau of Construction. At present, Brother Hanes is first assistant engineer of construction and a member of the Highway Research Board. A few years ago he was the recipient of a 25-year meritorious service award by the American Association of State Highway Officials and, in 1947, was the winner of the Highway Research Board Award for the best paper.

Brother Hanes has long been active in the Ohio Society of Professional Engineers, serving as a trustee for several years, state treasurer, vice-president and president. At present he is the national director



from Ohio, a post which he has held since 1956. He is also the chairman of the N. S. P. E. Functional Section Services Committee and director of the Columbus Engineers' Club. He served as the first president of the Maumee Valley Society of Professional Engineers and is a past president of the Northeast Ohio County Engineers' Association (a district organization of the old Ohio Engineering Society).

Ray Hanes is also a former chairman of the American Road Builders'

Association Committee on Advancement of Highway Engineering. At present he is serving as Director of Highways and Bridges on the State Civil Defense Staff.

Brother Hanes is now living at 581 E. Dominion Blvd., Columbus, Ohio. He brings a wealth of engineering and professional experience to the Executive Council of Theta Tau.

Meet Charles E. Wales, Grand Outer Guard



Charles E. Wales has been actively engaged in Fraternity activities since he became a charter member of Epsilon Beta Chapter in 1951. His continuing interest and efforts in behalf of the Fraternity have earned him sundry offices in the Detroit Alumni Association of which he is now president. Previously he had been vice-president, secretary, active chapter representative, professional program chairman, and alumni advisory council representative.

Born in Chicago, Illinois on December 20, 1928, he attended grade school in Chicago. His high school

years were spent at Redford High in Detroit and upon graduation he enlisted for two years in the United States Marine Corps. After his release from the Marines, Brother Wales entered Wayne State University and in 1953 received a B. S. degree in chemical engineering. This was followed by a M. S. Ch. E. at the University of Michigan in August 1954.

Upon completion of the master's degree, Charlie returned to Wayne State as an instructor in the Department of Chemical Engineering where he is teaching both graduate and undergraduate classes. In the fall of 1955 he was elected by the faculty of the college to be faculty adviser for the first Wayne State University Engineering College open house. This "Engineering Showcase" took place the following April and was considered to be a great success since more than 6000 people visited the facilities and watched students demonstrate their projects. For his work on this project, Brother Wales received a special letter of commendation from Dean A. R. Carr of the Engineering College. In the fall of 1956, he was promoted to assistant professor of chemical engineering; and as a member of a small staff, his duties include teaching, curriculum planning and development, schedule planning, and student counseling.

In spite of the full schedule he has at Wayne, Charles Wales has found time to make a contribution to industry and has devoted the last two summers to work at Wyandotte Chemicals Corporation. In June 1957 he was appointed a special assistant to the director of production research of that company and during that summer performed several evaluations on problem areas in the plant. The following summer he acted as a consultant to the plant specialist in soda ash production and performed both experimental and theoretical studies on a new method of producing soda ash.

Making the most of the long days of summer, Brother Wales also managed to assist the manager of personnel planning at Wyandotte Chemical in the planning and execution of a Summer Institute program for summer college employees of the company. To top it off, in the summer

of 1958 he taught a four-week course in Heterogeneous Equilibria to the engineering staff of the Production Research Division.

In his "spare" time, he manages to get in a limited amount of consulting work and devote a good deal of time to active participation in his professional society, A. I. Ch. E., and Theta Tau. In the Detroit Section of the American Institute of Chemical Engineers, he has held the offices of section treasurer; chairman, hospitality committee; editor, section newsletter; and member. He has recently been appointed to membership on the career guidance and the chemical engineering education projects committees. He is also a registered professional engineer in Michigan.

Theta Tau is following the old adage, "if you want a good man, find a busy one" in bringing Charles Wales into the Executive Council.

The Humanities in Engineering Education

(Excerpt from *Zeta News Letter*)

By J. O. MALONEY, Zeta Adviser

Your editor, having more space than copy, has again asked me to write a few paragraphs as faculty adviser to Theta Tau. At the end of my last contribution I threatened to continue writing about engineering education, if I were ever pressed into writing again. I must now fulfill my threat. I shall consider briefly the place of the humanities in engineering education.

A little history is probably as good a way as any to begin. Over the years there has been increasing pressure from our national accreditation group, the Engineering Council

for Professional Development, to include more humanities in the engineering curricula. The E. C. P. D. has indicated that a number of hours equivalent to between a semester and two semesters of work should be devoted to the humanities. The response of the engineering schools, as you might suspect, varied depending upon the degree of accord existing between the faculty of any particular engineering school and the E. C. P. D. on the matter of humanities. Some schools have worked out series of sequential courses which give a distinct impression of coherence and direction.

For those schools whose interest was minimal other procedures were

used. The faculty might search out those practical courses already in the curriculum which could be called "humanities" courses. For example, English grammar, technical report writing, speech, accounting or economics might be found in the humanities list. Even by doing this the number of hours were rarely enough, and a rather popular solution was to put into the curriculum a number of hours which had to be taken in liberal arts courses. In a way, some faculties were too inactive to fight against the E. C. P. D. and too disinterested to develop sound programs. Such behavior had

its effect on the students too. There was little reason for them to become interested in a program which was obviously of such little interest to the faculty.

The time may be coming when engineering faculties should consider just what kind or kinds of educational experiences our engineering students should have—experiences which might start our students on the endless task of trying to achieve an understanding of those important questions about man which have occupied the majority of the great minds of our western world since the days of the Greeks.

Official Communication From The Grand Scribe

To: All Members of Theta Tau

Official notice is hereby given that the following men are no longer members of Theta Tau:

Wallace G. Dempsey, Theta, Roll No. 374
 Richard P. Schulz, Theta, Roll No. 449
 Frank Louis DiMaggio, Theta, Roll No. 463
 Walter E. O'Leary, Theta, Roll No. 509
 Wesley Joseph Hennessey, Theta Hon., Roll No. 559
 Mario G. Salvadori, Theta Hon., Roll No. 572
 Joseph Vito Porcelli, Jr., Theta, Roll No. 578
 Harold Bernard Reisman, Theta, Roll No. 579
 John Wesley Adams, Theta, Roll No. 617
 David Barker King, Theta, Roll No. 622
 Dean Struthers Lodmell, Theta, Roll No. 623
 Riho Melts, Theta, Roll No. 624
 John Sefton Millar, Theta, Roll No. 625
 Seymour Myron Zivan, Theta, Roll No. 630
 Joseph Benjamin Hogan, Theta, Roll No. 633
 Stewart Pearce Park, Jr., Theta, Roll No. 634
 Thomas James Scott, Theta, Roll No. 635
 Kenneth Reuben Skivington, Theta, Roll No. 636.

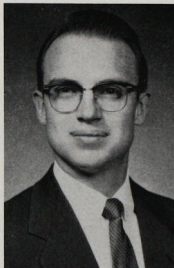
Each member should take due notice thereof and govern himself accordingly.

In H and T,
 ROBERT E. POPE
 Grand Scribe

George Dodd and Raymond Sullivan Share Award

George Dodd, Zeta '60, and Raymond J. Sullivan, Gamma Beta '59, were elected outstanding delegates at the 22nd Biennial Convention of Theta Tau held in Madison, Wisconsin on December 28 through 30. The outstanding delegate or delegates are elected by a vote of all delegates attending the convention with the winner or winners being announced at the convention banquet. This is the first time in the history of the Fraternity that there have been two outstanding delegates elected at a convention. This is the third consecutive national convention that has chosen a Zeta man outstanding delegate.

Brother Dodd is a senior in electrical engineering at Kansas University and calls Oceanlake, Oregon, his home town. He has held the positions of pledge trainer, rush



Dodd of Zeta

chairman, marshal, treasurer, and regent with Zeta Chapter. He has been a member of the Advisory Board since his initiation in the fall of 1956.

On the campus, George is business manager of the *Kansas Engineer* and president of Tau Beta Pi, engineering honor society. He is also treasurer and corresponding secretary of Eta Kappa Nu, honorary electrical engineering fraternity. In addition, Sigma Pi Sigma, honorary physics fraternity, Sigma Tau, honorary engineering society, and Alpha Phi Omega, national service fraternity, keep him busy.

Brother Sullivan, Gamma Beta '59, hails from International Falls, Minnesota. He too has served his home chapter with distinction, having held the offices of marshal and



Sullivan of Gamma Beta

of regent. He was also active in college activities, being a member of ODK and having served as editor of *Mecheleciv*, the engineering school magazine. Brother Sullivan is asso-

cited with Sullivan Technical Services in whose behalf he has temporarily suspended his campus affiliations in order to travel for the firm.

The Grand Regent Says



I consider it an honor to have been selected as Grand Regent of Theta Tau. I also consider it an opportunity for service.

Significant actions were taken at our recent Biennial Convention, one of which was removal from our constitution of the "White Clause". One of the reasons for its removal was to make possible the establishing of chapters of Theta Tau on campuses where they do not now exist. Our active chapter members

feel very strongly that we have something to offer to those studying for entry into the engineering profession. As a result, an expenditure of \$20,000 for the next two years was authorized for this purpose. Opportunities for expansion abound at many engineering colleges, but our task is not a simple one. Many of our earlier chapters were started from local groups already organized, but from now on we shall have to start from scratch. Our immediate need is for the help of loyal Theta Tau men on the faculties of engineering colleges where we have no chapters. The task of these men is to assist in the organization of a group who, after one year, can petition for a charter. Information as to conditions when favorable and offers to help should be sent to any member of the Executive Council. We soon expect to select a Theta Tau man for full time duty to promote expansion.

I met with Brother Schrader recently who is in excellent health and who extends to everyone his best wishes.

In H & T
C. W. Britzius
Grand Regent

Zeta Proclaimed Outstanding Chapter

At the recent biennial convention, Zeta Chapter was proclaimed the outstanding chapter of Theta Tau for the fraternal and campus activities of the chapter and its members for the last two-year period. It is now proudly displaying two award plaques which were presented to the chapter delegates, George Dodd and Robert Franklin, at the convention honors banquet.

The Erich J. Shrader Award, which was fittingly named after our beloved founder, was established in 1939; and for many years the actives of Zeta have been vying with our brothers in H & T to bring it to rest in the chapter house at Lawrence, Kansas. This is the first time the award was presented to Zeta and much determination is now being shown to keep it there.

The winner of the award is selected on the basis of information sub-

mitted by the chapters on a score sheet for the two-year interval. This evaluation covers chapter organization and management, school service projects, secretarial routine, chapter scholarship standing, and scholastic standing of Theta Tau graduates as compared with the rest of their graduating class. Other items which are considered for this award are publicity, financial administration, chapter library, intramural sports, participation, and campus activities of chapter actives.

A certificate as a token of the achievement of the chapter as well as a traveling plaque bearing an illuminated relief cut bust of Brother Schrader were received. More important than these, however, is the knowledge that the chapter performance is matching that envisioned by Erich Schrader when he founded the fraternity.

Theta Taus Win Two of Five Tau Beta Pi Fellowships

Two of the five young engineers selected to be the recipients of the 1959-60 Tau Beta Pi graduate fellowship awards are members of Theta Tau. Kenneth E. Harwell, Mu '59, and Gerald P. Lahti, Epsilon Beta '59, received awards of \$1500 each for the nine-month academic year.

Brother Harwell, whose home is in Wetumpka, Alabama, will graduate in aeronautical engineering from the University of Alabama in June 1959. He plans to take advanced work in aerodynamics and rocket propulsion at the California Institute of Technology next year. He is

22 years old and is a member of Phi Eta Sigma, Omicron Delta Kappa, Pi Mu Epsilon and Sigma Pi Sigma honor societies as well as Tau Beta Pi.

Brother Lahti, who was a delegate to the 22nd Biennial Convention, is from Clawson, Michigan and will graduate in civil engineering from Wayne State University in June 1959. He plans to take advanced work in nuclear engineering at the University of Michigan next year. In addition to Tau Beta Pi, he belongs to Chi Epsilon and Omicron Delta Kappa honor societies.

Dr. Donald H. Madsen Omicron Adviser

BY GEORGE HEASLEY

Omicron Chapter initiated Dr. Donald H. Madsen as an honorary member on February 15, 1959. Brother Madsen is our new faculty adviser. Last spring our adviser,



Professor Donald E. Metzler, left to become associate dean of engineering at the University of Kansas. Professor J. W. Howe, editor of *THE GEAR*, filled the vacancy until the time Dr. Madsen was initiated.

Dr. Madsen received his B.S. degree at Iowa State College, an institution located in Ames, Iowa. He received his M.S. and Ph D. degrees at Purdue University. He has taught at Purdue University, Kansas University, and South Dakota State College. He has been at SUI for five years, where he has taught heat power courses.

Brother Madsen is serving on two university committees. He is also on the Executive Committee for the Iowa-Illinois Section of ASME. Besides teaching on the University campus, he teaches some extension courses offered at Davenport, Iowa.

Omicron feels fortunate in having such a capable and dynamic professor as its adviser.

Intermountain AA Welcomes In Western Style

By E. J. WATTS

Intermountain AA is making a concerted effort to bring Alumni of Theta Tau together. Utah's industrial business has mushroomed with companies and personnel that have been heretofore foreign to the State. It has been the Intermountain Alumni Association's objective to contact and to bring about an introduction and welcoming atmosphere to all transplanted members. A postcard is mailed each month to all known Alumni in the area, inviting them to a luncheon that has traditionally been held on the same day

of the month and in the same place for several years. The active Lambda Chapter uses the monthly meeting as a direct contact with the Alumni and the profession in any form that best fits their needs.

Two contacts with Theta Tau headquarters staff have been enjoyed by IAA, one being a visit by Mr. Robert Pope and one being a report of the December convention given by the Lambda Chapter delegate.

A western welcome is realized and offered to Theta Taus passing through our wonderland. Contact our office.

Oil in China and Russia

The following is an excerpt from an article "The Balance of Oil in the Far East" which was written by Brother Henry Carter Rea, Epsilon '27, and appeared in the November, 1958 issue of THE MINES MAGAZINE. Brother Rea spent his early life in China and the Philippines; and after graduating from the University of California with a degree in the geological sciences, he entered petroleum exploration in California and subsequently did geological exploration in Java, Borneo, India, Afghanistan, Pakistan, and throughout the United States and Canada with an assignment in Europe on geological research problems. For the past twelve years he has been a petroleum consultant, specializing in the politico-economics of petroleum geology, and has had assignments in Europe and Asia, spending last winter in India as petroleum adviser to the Government of India.

Because of the past history of these two countries, related even in the times of the Czars and the Chinese Emperors, with their secret treaties and alliances, their close geographical position, and the similarity of the ethnic groups of Central Asia, Siberia and Mongolia, it would be difficult today, especially in view of their close political association in modern times, to treat China and Russia separately.

The sedimentary rocks of all ages present in the U. S. S. R. have been estimated to be about twice the volume of those in the continental United States; hence, it follows that the oil potential of Russia is twice as large as that of the United States. To point out that the United States has access to the oil of two foreign countries, Mexico and Canada, is begging the question. What exists in Siberia, Mongolia, northwest and central China is not known in detail but sufficient is known, geologically,

to confirm that the potential is there. If we were considering only the potential balance of oil in the world today on the basis of volume and area alone, it would not be unreasonable to say that the scales are tipped in favor of Russia and China. However, since we are not considering geology per se or present day oil production but, rather, the politico-economics of oil, we are dealing with the highly variable and mercurial qualities of human beings.

After the confiscation and nationalization of all oil properties in Russia by the Bolsheviks in 1918, Russia's oil production dropped from about 190,000 b/d to less than 100,000 b/d within the next few years. At this point it might be well to call attention to the fact that the oil industry in Russia, under the Czars, was founded and brought into existence by European free enterprise and was not developed by the Russian government. When the communists took over in 1918 (after the Red Revolution) they took over a going concern that was initiated by "hated capitalism"; and they have yet, after 40 years of complete government ownership and control, to equal the progress of the free enterprise system in the development of oil through the world. It was not until about 1927 that production in the U. S. S. R. under the communist regime exceeded prewar levels, reaching 200,000 b/d. After that production gained steadily until today it is about 2.2 million b/d with a "target" of some 8 million b/d by 1965.

This figure of 8 million b/d is significant because it far exceeds

Russia's internal needs for the present and her projected needs for her program of industrial expansion. Under government stimulus, exploration for new fields is constantly moving eastward, as is the migration of population, into Siberia. With Western Europe relying on the Middle East for its main source of oil and at the same time frantically searching the world for new sources which it can control, particularly in Africa, it first appears that Russia's target of quadrupling her production in the next six or seven years is an error. This is hardly so.

With all of Russia's industrial development and expansion, her concentration on heavy industry and military equipment has placed her at an extreme disadvantage in world trade. The U. S. S. R. does not manufacture or produce anything that the western world needs or wants. Yet she is in dire need of imports from the west, not only of certain strategic raw materials but also of manufactured articles, particularly machine tools. Her gold production ranks as one of the world's highest, yet she does not have sufficient to meet her needs in world trade. This is one of the reasons for her constant agitation for the United States to raise the world price of gold.

All of the industrialized countries of western Europe and Asia are energy poor and have to rely on imports to fulfill their energy needs. Today the Soviets have a small exportable surplus of oil which is exported to Iceland, Finland, France, Italy, Israel and recently a barter deal with Argentina. Oil is

an international medium of exchange and most all of the oil going into western Europe today has to be paid for in hard currencies, dollars or sterling, or other currencies that are convertible. If, and it seems quite logical, Russia is looking forward to 1965 with an exportable surplus of some 4 to 5 million b/d, with her ability to make price concessions, or barter, or take soft currencies, it appears that the Middle East oil producing countries are in for some rather vigorous competition. To urge a stand on principle and say that western Europe would not trade with, barter with, nor buy from Russia is ignoring the basic fundamentals of business and trade.

If the prognosis set forth above is correct, it follows that Russia would not have to physically control the Middle East oil supply to attain some of her ends. Her ability to bargain in oil with the Middle East oil producing countries, and a western Europe that is dependent on Middle East oil, would be a very potent political lever.

The oil potential of central and northwestern China has been known to geologists and the international oil companies who explore and exploit China's oil potential, but prior to the Communist seizure of China in 1949 inhospitable laws and unstable governments made the situation impossible. Today China is reportedly producing about 30,000 b/d, some 5,000 of which comes from the shale oil plant at Fushun, Manchuria. New discoveries in central and northwest China during the past year have been reported, and active exploration for new reserves is being actively pursued in

all of the potential oil provinces. The Peiping regime has allotted top priority to oil exploration and development.

China is in many ways similar to India in that it is essentially still in the hand-economy stage of development. Due to past international intrigue, corrupt political administrations, and unstable governments, China was never able to build the railroad system which she had planned. With very few exceptions,

China's land transportation is still primitive. The necessity for railroads, roads, and flood controls on her rivers has been a severe handicap in her industrialization program. Under the known circumstances, China has to depend on the U. S. S. R. and what other imports are available to her to oil her war machine. Because of the priority of the military and of industry for oil, China's civilian demand must wait.

Edwin A. Elliott, Zeta '34, Serves Community



Edwin A. Elliott, Zeta '34, is currently serving as president of the YMCA in the Kansas City, Missouri, area and as chairman of the Metropolitan Planning Committee.

In addition to his civic duties, Brother Elliott is also president of the Hiram Elliott Construction Company of Kansas City.

Lambda Honors Bliss Diamond as Outstanding Student



Bliss Diamond, Lambda '59, was recently selected as the outstanding, graduating engineering student at the University of Utah by Lambda Chapter. This is an annual selection based upon scholarship and extra-curricular activities.

Brother Diamond is an electrical engineering student with a cumulative grade point of 3.81. In addition to his fine classwork, he is a member of A.I.E.E.-I.R.E., president of Tau Beta Pi, vice-president of Eta Kappa Nu, corresponding secretary of Theta Tau, secretary-treasurer of the Engineering Council and a writer for the Chronicle, the engineering college magazine.

Detroit AA Initiates Epsilon Beta House Fund

By CHARLES E. WALES

During the past year the Detroit Alumni Association has been very effective in fulfilling its objectives of service to the Epsilon Beta Chapter and promoting the fraternal-fellowships begun in college.

To fulfill its objectives of service to the Epsilon Beta Chapter, the Detroit Alumni Association has initiated the "Epsilon Beta Chapter Housing Fund" with each member promising \$100.00. We expect that before many years have passed, we will have accumulated enough money for the down-payment on our house.

The Alumni Association joins the active chapter to celebrate both Founders' Day with a dinner-dance and Memorial Day with a picnic

and baseball game. Alumni members also regularly attend formal and informal initiations and active stag parties. In addition, each month during the school year one of our members describes his experiences in the field of engineering before an active chapter meeting.

To stimulate continuing fraternal fellowship, the Detroit Alumni Association invites each active chapter graduating senior to an evening of dinner followed by an alumni meeting. Our association holds a meeting the first Friday of each month at the active chapter quarters.

Our professional activities are highlighted by dinner-meetings with speakers discussing subjects from "Professionalism or Unionism" to "Problems Encountered in Engi-

neering Work Overseas." The "Holdings and Transactions" alumni stock club promotes the members interest in financial matters.

Our regular social activities include the New Years Eve party and the Theta Tau Bridge Club which meets once each month. Currently, the alumni members and their ladies are planning events at the Wayne State University Theatre, a

visit to the Bud Guest radio show, and a once-for-all birthday party at the Metropole Supper Club.

The Detroit Alumni Association looks forward to continued success as its ranks swell with Epsilon Beta alumni. We constantly strive to find ways and means to serve the active chapter and to perpetuate fraternal fellowship through Theta Tau.

Robert A. Moore, Jr., Pi '59, Receives Theta Tau Scholarship

Robert Atlee Moore, Jr., Pi '59, a senior in chemical engineering at the University of Virginia, is the recipient of the Theta Tau Scholarship of \$500 for the 1958-59 academic year. He was selected from among seventeen applicants representing thirteen chapters.

Brother Moore received this award on the basis of his service to Theta Tau and his alma mater, proven academic ability and financial need.

Brother Moore served Pi Chapter as treasurer for one year and as regent for one year. During his term of office as regent, he was largely responsible for the success of the Regional Conference held at Pi in March 1958. He is now serving as president of the Engineering School after serving one year as treasurer. He has also served as treasurer and program chairman of the A. I. Ch. E. as well as being an active member of Tau Beta Pi. At present, he is an elected member of the University Student Government, the Honor Committee and the Engineering Council. During the last few years



he has been on the Dean's list consistently and has been elected to ODK and the University of Virginia honor organization, the Raven Society.

Brother Moore is a married veteran with two sons and one daughter. To help defray expenses he has worked as a motel desk clerk and laboratory instructor in chemistry.

Ted Focke, Delta '26, Dedicates New Engineering Center



Away back in 1890, Charles D. Warner said, "Everybody talks about the weather, but nobody does anything about it." *

His statement is no longer true, judging by the advances made in recent years by the heating and air conditioning industry. Another giant step forward has been taken by the National-U. S. Radiator Corp. The firm recently moved into its million dollar Engineering Center at Johnstown, Pa. Theodore B. (Ted) Focke, Delta '26, is president of the company.

The handsome structure is in an eight-acre wooded area surrounded by residences. It was dedicated by Brother Focke to answering the "public's need and desire for a maximum of indoor comfort at the lowest cost."

* Everybody also says that Mark Twain said it but Stephenson's "Home Book of Proverbs, Maxims and Familiar Phrases" says Warner.

"This building gives us the flexibility we need to develop and evaluate new designs in heating and air conditioning equipment. It will also enable us to explore such new and promising fields as heat pumps, solar and electrical heating," Brother Focke said at the ribbon cutting ceremonies last October.

Brother Focke graduated from Case Institute in 1926 and enrolled in the University of Nancy (France) where he received his doctorate in 1928. Returning to the United States, he joined the Perfection Stove Company, Cleveland, where he was in charge of the Warm Air Furnace Division.

In 1942 he entered the U. S. Navy and was head of production planning and post-war planning at the Bureau of Aeronautics, Washington, D.C. He returned to inactive duty status in 1946 with the rank of captain in the U. S. Naval Reserve.

From 1947-48, Brother Focke was factory manager for the Curtiss-Wright Corp. in Columbus, Ohio. In 1948-49 he was general manager and was next appointed vice president and general manager of the Wright Aeronautical Division, Curtiss-Wright Corp., Wood-Ridge, New Jersey. From 1952 to 1955 he was president and director of the National Radiator Co., Johnstown, Pa. In 1955 he became president of the newly merged firm, National-U. S. Radiator Corp.

Active in civic affairs, Brother Focke, is chairman of the Cambria County Airport Authority. He is a member of a representative number

of organizations, including the Chamber of Commerce, American Society for Metals, American Society for Heating and Air Conditioning Engineers, and various trade organizations. Married to the former Mary A. duPont, the Fockes have a

son, William B. duPont, Jr. and a daughter, Helen E. Focke.

In addition to its heating and air conditioning products, National-U. S. Radiator makes marine equipment such as hydraulic hatch covers sideports and watertight doors.

The Case Alumnus

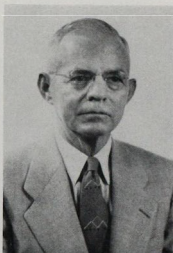
Department of Interior Gives Highest Award to John H. East, Jr., Gamma '10

John H. East, Jr., Gamma '10, of Denver, regional director of the Bureau of Mines' eight-state Region III, has been voted the Department of Interior's Distinguished Service Award and Gold Medal, the department announced recently in Washington, D.C.

The department's highest honor was conferred in recognition of more than 20 years of achievement with the Bureau in mining engineering, health and safety work, executive administration, and as an author of several publications, chiefly in the field of mine safety.

Brother East, a native of Nebraska and a 1910 graduate of Mines, has been stationed at Denver since early 1948, first in charge of health and safety work in the area and since October 1949 as regional director.

He assumed his present duties after a diversified career in government and industry. While in charge of various Bureau safety cars in 1914-16, he participated in hazardous rescue and recovery operations following mine disasters. Earlier he did engineering, assaying, and health and safety work for various mining companies in the United States and Mexico, and between 1916 and 1939



he held supervisory positions in the iron, copper gypsum, bituminous coal and anthracite industries.

Returning to the Bureau of Mines at Tucson, Arizona, in 1939, he supervised exploratory projects for strategic minerals. In 1942 he became special assistant to the chief of the Health and Safety Branch at Washington, D. C. where he helped direct the training of engineers of the Wartime Mineral Production Security Division and drafted federal safety standards for use in inspecting open-pit coal mines.

A series of special assignments followed. These included a mission to Europe to gather information about mineral industries and to recommend ways for restoring mines in West Germany to production; examination of the oil-shale deposits in Western Colorado; selection of a site for the government's Oil-Shale Ex-

periment Station near Rifle; devising a system for mining oil shale; and obtaining royalty agreements with mine and claim owners preparatory to federal construction of the Leadville, Colorado Drainage Tunnel.

In 1953 he received the Colorado School of Mines' Medal for Distinguished Achievement.

The Mines Magazine

Paul Gibian, Nu '47, Vice-President with Milton Roy Co.



At their July 1958 meeting, the Board of Directors of the Milton Roy Company, Philadelphia, Pennsylvania, elected Paul Gibian, Nu '47, vice-president of manufacturing. Gibian will be responsible for purchasing, product engineering, and manufacturing in the Wyndmoor, Pa., plant of the Milton Roy Company, a world leader in the manufacturing and engineering of controlled volume pumps and chemical feed systems. He was formerly manager of manufacturing. He lives with his wife and three children in Conshohocken, Pa., at 33 Taylor Road.

Carnegie Alumnus

Martin L. Thornburg, Hon. Chi, Retires at Arizona U.

Martin L. Thornburg, Honorary Chi, recently retired as head of the Department of Mechanical Engineering at the University of Arizona but will continue as professor of mechanical engineering.

A graduate of Purdue University, where he also received his master's degree, Brother Thornburg joined the faculty of the University of Arizona in 1924 as an associate profes-

sor of mechanical engineering. In 1926 he became a professor of mechanical engineering, and in 1927 he became head of the Department of Mechanical Engineering. He is a member of the American Society for Engineering Education, the American Association of Engineers, and the American Society of Mechanical Engineers as well as Theta Tau.

Kuno Doerr, Gamma '27, Elected President of Southern Peru Copper Corp.

Kuno Doerr, Jr., Gamma '27, was recently elected president of Southern Peru Copper Corp., succeeding Edward Tittmann who was named chairman of the board and chief executive officer of the corporation. Brother Doerr has taken over Tittmann's post in the Lima office supervising SPCC's \$200 million construction and development program at Toquepala and Ilo.

Southern Peru Copper Corp. is a joint venture of four large American mining companies. They include American Smelting and Refining Co., Cerro de Pasco Corp., Phelps Dodge Corp., and Newmont Mining Corp.

Born in Aguascalientes, Mexico, in 1904, Brother Doerr has spent his entire business career with American Smelting and Refining Co. He received a degree in metallurgical engineering from Colorado School of Mines in 1927 and joined Asarco as a chemist at the Garfield plant. From 1929 to 1940 he was a metallurgist at the same plant and served as assistant superintendent of the operation from 1940 to 1941.

He went to Salt Lake City as manager of the Utah department of the corporation in 1941 and held this post until 1947 when he became manager of the plant at East Helena, Montana. In 1955 he was named manager of the Garfield plant and the following year was given the added job of president of the Garfield Chemical and Manufacturing Corp., a sulphuric acid manufacturing subsidiary owned jointly by As-



arco and Kennecott Copper Corp. He went to Peru in October 1958.

By 1960 Southern Peru Copper is scheduled to begin producing blister copper for the world markets and will ship 120,000 tons annually when production reaches capacity. The ore will come from the huge open-pit mine at Toquepala, which is over 10,000 feet high in the Andes near the southern tip of Peru. It will be shipped to the smelter and seaport town of Ilo by a 110-mile railroad, which has just been completed. A new pier has been built at Ilo, large enough to accommodate several ocean-going freighters at a time. Now under construction is the smelter, and steelwork is being erected. At the mine, over-burden is being removed and the mill and concentrator buildings are under-way. Housing and other facilities for the employees at both sites are nearly finished. A water line from Lake Suche, about 50 miles distance over the mountains, is being built to supply the arid Toquepala area.

The Mines Magazine

Roger Revelle, Epsilon '24, Assumes New Responsibilities At U. of California



Roger Revelle, Epsilon '24, Director of the Scripps Institution of Oceanography since 1951, has been given the additional appointment of Director of the new Institute of

Technology and Engineering at the University of California's La Jolla campus

The Institute was established to provide graduate instruction and research in mathematics, physics, chemistry, the biological and earth sciences, and engineering.

Except for service with the Navy during World War II, Brother Revelle's entire professional career has been with Scripps. He joined the staff in 1936 after receiving his Ph. D. there, where his major field was submarine geology. He became acting director of Scripps in 1950 and director in 1951. Immediately after the war he served with the office of Naval Research and was in charge of oceanographic measurements at the Bikini atomic bomb tests in 1946. He is a member of a number of scientific societies including the National Academy of Sciences.

University of California

J. E. Jacobs, Nu '28, Advances at Bethlehem Steel

Bethlehem Steel Company announced the appointment of John E. Jacobs, Nu '28, general manager of the Lackawanna, New York plant, to assistant vice-president of the steel division, in Bethlehem. Brother Jacobs earned a master's degree in Metallurgical engineering a year after his graduation and joined the staff of the late Dr. C. H. Herty, Jr. on the metallurgical advisory board of the U. S. Bureau of Mines. In 1931, he became a research metal-

lurgist with the Heppenstall Company and joined Lukens Steel in 1934

His first love is the open hearth, and he came to Bethlehem's Lackawanna plant 22 years ago as assistant chief metallurgist in the research department. He later served as assistant and then general manager of the plant. He is a director of the Buffalo Chamber of Commerce and the Buffalo Chapter of the American Red Cross.

Richard R. Lyman, Hon. Lambda, Associated with Three of Seven "Modern Wonders"

Richard R. Lyman, Honorary Lambda, has the unusual distinction of having been consulting engineer on the three of the seven "modern civil engineering wonders of the United States" selected by the American Society of Civil Engineers. The seven are Chicago's sewage disposal system, the Colorado River aqueduct, the Empire State Building, Grand Coulee Dam and the Columbia Basin project, Hoover Dam, the Panama Canal, and the San Francisco-Oakland Bay Bridge.

Brother Lyman, who still retains his athletic, unbent 6 foot 5 inch frame at 87, was one of the twenty-eight members of the Engineering Board of Review of the Sanitary District of Chicago which directed the construction of Chicago's sewage disposal system. This system was built to deal with the disposal of the sewage from Chicago and the forty-nine other cities in the Chicago District.

He was also one of the three consulting engineers who selected the route for the Colorado River Aqueduct. The main aqueduct, with concrete-lined tunnels 16 feet in diameter, concrete-lined canals 10 feet deep by 20 feet wide on the bottom to 55 feet wide on the top, is 242 miles long. Including the branch lines, the length is 621 miles up to this time. The water is pumped over mountain barriers to an eleva-



tion of 1,617 feet. This is the longest water conduit ever undertaken by man", the A. S. C. E. says.

Grand Coulee Dam is the third of the engineering wonders with which Brother Lyman was actively connected. He was employed by the U. S. Commissioner of Reclamation to be one of the five consulting engineers for the project.

It is interesting to note that among the noted civil engineers who directed the construction of these seven wonders, Brother Lyman is the only engineer who was employed on more than one of these projects and that he was selected as consulting engineer for three.

C. N. Hollingsworth, Nu '24, Appointed Executive Veep

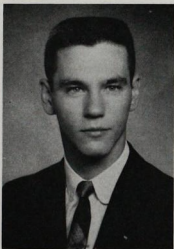
The Dravo-Doyle Company announced the appointment of Charles

N. Hollingsworth, Jr., Nu '24, as executive vice-president. He first

joined the Dravo Equipment Company, a subsidiary of Dravo Corporation in 1924, and this company became Dravo-Doyle when the present Dravo Corporation was formed. Brother Hollingsworth became as-

sistant manager of the company which sells and rents construction and industrial equipment. In 1952 he was elected to the Board of Directors and was named General Manager.

Richard H. Redwine Named Outstanding Engineering Senior at N. C. State



Richard H. Redwine, Rho '59, has been named outstanding senior out of a class of 545 engineering students at N. C. State College. Brother Redwine was presented an engraved watch by Dr. J. Harold Lampe, Dean of the Engineering School, during the intermission of the annual St. Patrick's Day Dance for engineering students, faculty, and guests. The annual award is given to the student whose achievements in scholarship and leadership are adjudged superlative by the administration and faculty. A ceramic engineering student, Brother Redwine

has a grade point average of 3.7 out of a possible 4.00. He has made every Dean's list since his enrollment. He is a member of the Engineering Honors Program, which allows superior seniors more freedom in courses selection to meet their individual needs.

Other awards he has won are a four-year Talent-for-Service Scholarship, the Moland-Drysdale Freshman Scholarship Cup, and the J. C. Steele Scholarship Cup for three years. During the past year he has served as president of the Engineers Council, the student government organization of the School of Engineering; president of Keramos, ceramic engineering honor society; and treasurer of Rho Chapter.

Last year he served as marshal for Rho Chapter and as a delegate to the Regional Conference. Brother Redwine also belongs to Phi Eta Sigma, freshman honor fraternity; Tau Beta Pi, engineering honor society; Phi Kappa Phi, national Scholastic society; Blue Key, junior leadership honor fraternity; and the Golden Chain, senior leadership honor fraternity.

Rho Chapter is very proud of Brother Redwine for these many achievements. His graduation will leave a big gap in its ranks.

Edward Hudec, Delta '42, Joins Vlcek Tool Co.

Edward Hudec, Delta '42 recently joined the Vlcek Tool Co., of Cleveland, Ohio as director of manufacturing. Brother Hudec had been on the faculty of Case Institute since 1946 and was an assistant professor of industrial engineering.

He was a graduate of Case, having received a B. S. in mechanical engineering from that institution in 1942 and an M. S. in industrial engineering in 1948. Brother Hudec is also a member of Tau Beta Pi and Sigma Xi.

Case Alumnus



Retired But Still Teaching Describes John C. Park, Chi '26

John C. Park, Chi '26, recently retired as Dean of the College of Engineering at the University of Arizona after 32 years on the faculty but will continue as a part-time professor of engineering.

Brother Park received his bachelor's degree in civil engineering from the University of Arizona in 1926 and his M.S. from Iowa State College in 1930. He has been a member of the Engineering College faculty since 1926, beginning as an instructor, promoted through the ranks to professor of civil engineering,

and, in 1951, becoming Dean of the College and Director of the Engineering Experiment Station. In addition, Dean Park has spent past summers in professional practice and consultation. He has served on a number of national committees, including the Education Committee of the National Society of Professional Engineers and the Registration Committee of the American Society of Civil Engineers. He was recently named "Engineer of the Year" by the Southern Arizona Society of Professional Engineers.

Gines Perez, Chi '33, Promoted to Brigadier General

Gines Perez, Chi '33, was recently promoted to brigadier general and now is the deputy commander and chief of staff for the 23rd Airborne Corps at Ft. Bragg.

Gen. Perez, promoted from colo-

nel on March 6, received his commission through the ROTC at the University of Arizona and began his military career as a cavalry second lieutenant in the Army reserve in 1933.

He holds a bachelor of science degree in mining engineering and a master of science degree in metallurgy from the university.

During his service career, Brother Perez has received the Distinguished Service Cross, the Silver Star, the Legion of Merit with Oak Leaf Cluster, the Bronze Star Medal with four Oak Leaf Clusters, the Com-

mandation Ribbon and the Purple Heart.

He also holds the following foreign decorations: Cross of the Order of Boyaca and Military Order of Antonio Narino, Colombia; the Medal of Military Merit of Chile; the Order of Vasco Nunez de Balboa, Panama; and the Military Order of Ayacucho, Peru.

John R. Suman, Epsilon '12, Honored by France

In September, at a special ceremony in Houston, Texas, John R. Suman, Epsilon '12, was made a knight of the French Legion of Honor.

Brother Suman, former vice-president and director of Standard Oil Company of New Jersey, won the highest French honor for his pioneering efforts in the petroleum industry of France. A recognized

leader and expert in the petroleum industry field, Brother Suman received the Anthony F. Lucas Medal for distinguished achievement in 1943 and the John Fritz Medal for his contribution to petroleum conservation in 1957.

Since his retirement from Standard Oil, Brother Suman has set up his own consulting business in Houston.

PEN PALS

A DAYTON, Ohio, policeman found the following remarks on a piece of paper fastened by a rubber band to an obviously defective parking meter:

"I put three nickels in this meter—95PG (license number)."

"So did I—532QD."

"I'm not going to pay a nickel to find out if these guys were lying—8842X."

From Municipal South

FLYING FEATHERS

Bill: I'm thinking of going into the poultry business.

Bob: Then, my dear sir, I'm the very man you're looking for. I'm thinking of going out of the poultry business.

WHAT'S IN A NAME?

Basking in the reflected glory of another man's name was evidently something that had never occurred to the sturdy, self-reliant young fellow who applied for a job as a super-market service boy. "What's your name?" the manager asked him.

"Ford," the lad answered.

"And your first name?"

"Henry."

"Henry Ford, eh?" remarked the business man. "Well, I have heard that name mentioned a lot of times. It's pretty well known."

The boy beamed with pleasure.

"Yes, sir, it ought to be," he replied, proudly. "I've been delivering groceries around here for two years."

Editorials

THE CONVENTION

With careful attention to weather as well as all other details, our good brothers of Xi Chapter did a bang-up job as hosts to our Twenty-second Biennial (George D. Louderback) Convention. The Edgewater Hotel, headquarters for the conclave was admirably suited for the occasion providing comfortable quarters for all phases of our activities with wonderful vistas of beautiful Lake Mendota when the numerous pressures of the busy sessions would permit a glance at the surrounding scenery.

Without doubt our Madison convention will always hold an important place in our history because of two important actions adopted there. Most noteworthy of these was the removal of the "white clause" from our Constitution. Long under fire, particularly by those chapters in colleges and universities where political and faculty pressures were severe against it, the clause was banished after extensive debate which lived up to the best traditions of the "Hammer and Tongs" Fraternity. As becomes our order, arguments were generally of the persuasive type and no scalps were lost; in fact no severe bruises were apparent after the melee came to its conclusion. The Fraternity can indeed be proud of this action, taken not primarily because of insistence of a small pressure group, but simply because a large majority of its active members felt the change to be a just and fair one.

The second important action was

to provide for a traveling secretary of the Fraternity. This job, not filled at the time of this writing, has great potential in strengthening our present chapters and in expanding to other campuses. Intended to be a full time job, it would extend and expand the work done by Past Grand Regents Vawter and Ames and by other officers. The work should be a tremendous challenge to the person who will undertake it and his success could well mean an even greater Theta Tau.

The retirement of John Daniels as Grand Marshal came to this observer and to many others as a stunning surprise for it was without warning so far as many of us were concerned. John has made a most significant contribution to Theta Tau over a period of many years, serving in numerous capacities including that of Grand Regent. His advice and counsel were always most helpful and his handling of many special assignments has ever been effective and capable.

At this convention too, Jamison Vawter gave way to Dex Hinckley as delegate-at-large as Charles Britzius moved into the Grand Regent's chair. By this move, Brother Vawter terminates a long and brilliant tenure in the official family of Theta Tau. His service and accomplishments are well known to all but the newest brethren and there is little need to recount them here. Suffice it is to say he can never really be replaced but he remains available for counsel; and at the very least, we shall look forward to seeing him re-

sume his post as parliamentarian at future conventions.

Other changes in the cabinet were in accordance with generally expected patterns. As always, there is much regret that some must leave the Council but a warm welcome is extended to those who enter upon this important work.

PLM

A MILESTONE

The fraternity has long taken the position that it was a brotherhood based upon a voluntary association of those having similar interests. Thus, it vigorously resisted, on principle, efforts upon the part of university administrations, flag wavers, and others to dictate changes in its membership requirement.

Times and attitudes change, however. With the ending of World War II in which men of all races fought side by side, discrimination upon the basis of race became more and more objectionable to greater and greater numbers of Americans. Objections were voiced by a number of university administrations and many of the younger generation who felt that the right of the individual to go as far as he could despite his color transcended all else.

This pressure was felt by Theta Tau. Deadlines for removal of restrictive membership clauses were set by half a dozen of the schools in which we had chapters. Two chapters, Nu and Theta, became impatient with the slow change in attitude of the fraternity and disbanded. Other chapters, more loyal, continued to work for a constitutional change.

At the 22nd Convention, the parting of the ways was reached. The issue could no longer be postponed. After much discussion and weighing of the consequences to the fraternity of changing the requirements, the delegates acted with a unanimity guided by the principle of the fraternity's best interest. The action taken at this convention should stop the loss of chapters and open the door to the acquisition of new chapters. The delegates passed a milestone in fraternity welfare and are to be congratulated upon their action.

JWH

THIRTY YEARS

In the fall of 1929, at the end of the "Roaring Twenties", two somewhat hesitant young men were persuaded to take over the editorship of *THE GEAR*. The then editor, Donald D. Curtis, had been elected Grand Marshal and was moving to a new position in South Carolina. Inasmuch as Joe Howe was moving into Don's office, his house, and his teaching job, it seemed logical that he go the whole way and take on the editorship of *THE GEAR*, too. He consented providing Paul Mercer, with whom he had formerly worked when at Keokuk and whose father ran a printing shop in Iowa City, would serve as co-editor, sharing all responsibility for whatever happened. So with no previous experience and little time to get under way, the new editors began the publication of the magazine. One fortunate circumstance was the continuation in office of Don Curtis' secretary for the first year.

Up until Don Curtis' tenure, THE GEAR had not always appeared regularly. However, following the good example set by Don, the present editors have brought out an issue each spring and fall, through boom, depression, war, and recession, from Vol. XIX, No. 1 through Vol. XLVIII, No. 2, 60 issues (count 'em!) without a miss. The only things that have remained the same in the period are the page size of the magazine and the editors' salaries.

The life subscription plan went into effect shortly after our tenure began so that circulation has steadily increased. The present mailing is in excess of 5,000, about six times the 1929 circulation. THE GEAR goes all over the world. There are Theta Taus in 32 different countries on the mailing list.

The editorship has actually been a triumvirate. Erich Schrader's great interest in the fraternity and his

wide acquaintance among its members have led him to send in faithfully through the years most of the alumni news which has appeared in THE GEAR. This steady supply of material from Erich has given the magazine an unusually large supply of personal news and has, hence, made it interesting to more readers.

As we look back upon association with the wonderful men of Theta Tau with whom the publication of THE GEAR has opened up avenues of friendship, there is no question as to the rewards of the task. We have known all of the giants of the fraternity; Erich Schrader, Herman Hopkins, George Louderback, Sid Marine, Fred Coffman, Don Curtis, Jamison Vawter, Dick Russell, John Daniels, Russ Glass, Ralph Nusser, "Deacon" Ames, and Dex Hinckley—truly compensation for our efforts to produce a fraternity magazine.

JWH

Letters to the Editor

3353 Mildred Lane
Lafayette, Calif.

Those darn typewriters won't spell either. Glad to have the new address.

Dear Sir:

Thank you very much for the past issues of THE GEAR. They are wholeheartedly received.

I wish to have you note my current address which reflects a change from that which you have on your records; it is to be seen above.

I am now in sales engineering with Kaiser Chemicals Division, Kaiser Aluminum and Chemical Sales, Inc., Oakland, California. Our main product is basic refractories.

My wife, Betty, and I have two fine boys, Robert (3) and James (2).

Yours very truly,
Murray Schmidt
Iota '48

P.S. Many pardons for my typewriter which seems to be having aches and pains.

Du Pont do Brasil, SA
Rua da Consuacao, 57
Caixa Postal 8.112
Sao Paulo, Brazil

Dear Brother Mercer:

In glancing through the fall of 1958 issue of THE GEAR of Theta Tau, I noticed a small news item on myself which I sincerely appreciated; however, for the record it should be Gamma '34 rather than Tau '34.

Yours in H & T,
Frank L. McClure
Gamma '34

Glad to restore you to Colorado, Brother McClure. Thanks for bringing the error to our attention.

In Memoriam

Milan Garland Arthur, Epsilon '37, died July 29, 1958. He was born in Calgary, Alberta, Canada, September 1, 1913. After his parents moved to the United States, he attended San Mateo Junior College and then the University of California in Berkeley where he was graduated as a petroleum engineer in 1937. He was also a member of Tau Beta Pi honor society. The family home at that time was in Redwood City, California. After graduation he joined the staff of the Standard Oil Company of California, first in La Habra and then in Los Angeles and for a short time in Cut Bank, Montana. Then he joined the staff of the Union Oil Co. of California, and at the time of his death he was chief valuation engineer for Union Oil Co. in the Los Angeles area and lived at 1024 Whitley in Whittier, California.

John Henry Booth, Jr., Eta '29, died July 18, 1958. He was born in Philadelphia, Pennsylvania, on June 7, 1903, the son of John H. Booth, Sr., and was graduated as a naval engineer from the Massachusetts Institute of Technology in 1929. He was also a member of Tau Beta Pi. After graduation he joined the staff of the Sun Shipbuilding Co. in Chester, Pa., and later was also secretary-treasurer of Myers Mfg. Co. in Camden, New Jersey until 1948. The family home was at 903 Park Ave., Collingswood, N. J.

John Maynard Church, Tau '36, was fatally injured in a car-train collision on September 12, 1958. Born August 19, 1913 at Cleveland, Ohio, he was the son of Maynard D. Church, who survives, and Belle Reese Church. In 1936 he was graduated from Syracuse University where he received his degree in mechanical engineering. He was a member of the American Society of Mechanical Engineers and Sigma Phi Epsilon fraternity as well as Theta Tau and was extremely active in local civic activities. At the time of his death he was industrial relations manager of the Worthington Corporation plant in Wellsville, Ohio, and the family home is at 87 Early St. in Wellsville. In addition to his father, he is survived by his wife, three children, and two sisters.

Russell Charles Fish, Delta '22, died at his home in Grand Rapids, Minnesota, on

November 10, 1958. He was born in Cleveland, Ohio, on November 15, 1900 and graduated as a metallurgical engineer at Case Institute of Technology in 1922. He started as mining engineer in the Michigan district for the Hanna Coal and Iron Co., and at the time of his death had been with that company for 26 years. From 1925 to 1941 he was chief mining engineer in the Michigan District, and in 1941 became general superintendent of the Minnesota area for the company. He returned to Cleveland in 1945 and the following year became general manager of mining operations. In 1956 he was named vice president of mining operations of the Hanna Coal and Iron Corp., and in 1957 became vice-president of the M. A. Hanna Co. Surviving are his widow, Mrs. Helen Fish, two sons and two daughters. The family home is at 2540 N. Moreland Blvd., Shaker Heights, Ohio.

Ralph Leslie Fletcher, Eta '15, died August 11, 1958. He came from Steubenville, Ohio, to Massachusetts Institute of Technology and after graduation returned there to be metallographist for the La Belle Iron Works. In 1920 he became manager of the Coke and Byproducts Division of the Providence Gas Co. In 1935 he was appointed engineer of operations, then vice-president, and at the time of his death was president of the Providence Gas Co., Providence, R. I., 100 Wybosset St.

Ralph Brooks High, Epsilon '12, charter member of Epsilon, died in Houston, Texas, on April 29, 1958, age 71. He retired in 1947. In 1914 and 1915 he was with the Llewellyn Iron Works in Los Angeles. He joined Shell Oil in 1914 after graduation as a mining engineer from the University of California in Berkeley. From 1917 to 1919 he was on construction work of the Wood River Refinery as assistant construction superintendent. Between 1927 and 1929 he was superintendent of the Arkansas City and Wood River refineries. Then he was manager of the Houston refinery until 1934 when he became manager of the Head Office Manufacturing Department. He was manager of Shell Pipe Line Corp. until 1939 when he became vice-president. In 1941 he was representative of the company in Washington, D. C. When he retired in 1947 he had

been with Shell for 33 years. Surviving is a son, William Y. High of El Salvador; a daughter, Mrs. Burke Baker, Jr. of Houston; two sisters and five grandchildren. His wife died several years ago.

Chester I. Mead, Omicron '23, died in February 1959 in Bakersfield, California. He was born in Calumet, Iowa in February 1900 and was graduated from the State University of Iowa with a B.S. in engineering in 1923. While in college he was an All-American football player and after graduation he coached both high school and college football until 1926. In 1926 he re-entered the University to study medicine and while a student served as line coach to the Iowa team. He received his M.D. in 1931 and since that time had practiced medicine, specializing in pediatrics. He was a member of Tau Beta Pi; Alpha Omega Alpha, medical honorary society; Nu Sigma Nu, professional medical fraternity; and Sigma Phi Epsilon, social fraternity; as well as Theta Tau. Since beginning practice in Bakersfield in 1935 he had served as president of the Kern County Medical Society and past president of the Bakersfield Rotary Club,

and had become nationally known as a pediatrician. He is survived by his widow, Dorothy; two daughters, Mrs. Ross Mortensen and Miss Judith Mead; a son, Robert, also of Bakersfield and a sister, Mrs. Ivan Anderson of Los Angeles.

Leslie Whitmore Snow, Eta '14, died August 15, 1958. He was born in Snowville, New Hampshire, on December 9, 1890, the son of Leslie Perkins and Susan E. (Currier) Snow and was graduated from Dartmouth College in 1912, A.B. cum laude. He was graduated with a B.S. in civil engineering in 1914 from Massachusetts Institute of Technology and entered the army shortly after graduating. He achieved the rank of major in the Ordnance Department and spent 12 months with the A.E.F. in World War I. He was married to Emily Royer on June 4, 1921. He was with Chase Securities from 1921 to 1931 and vice-president of Chase-Harris-Forbes to 1933. At the time of his death he was vice-president of the Chase National Bank in New York City. Surviving are his widow and two daughters. The family home was at 49 University Court, South Orange, N.J.

Additions to Membership

ALPHA

- 663 David Charles Winzer, Heron Lake, Minn.
- 664 Robert William Warmka, Easton, Minn.
- 665 Richard Reed Dahlan, Lake Park, Minn.
- 666 Richard Burton Pilgren, Saint Paul, Minn.
- 667 James Martin Rosen
- 668 Patrick Francis Flynn
- 669 James Lee Reynolds
- 670 Phillip James Ratte
- 671 Thomas David McFarland
- 672 Donald Gordon Loy

BETA

- 839 John (nmn) Blaser
- 840 Larry Walter Grapentine
- 841 Thomas Louis Hanson
- 842 Theodore Walter Ruonavar
- 843 Carl Herbert Epple
- 844 John Andrews Stamm
- 845 James Delmare Cote
- 846 James Rex Hodge

ZETA

- 635 Charles David Marshall II
- 636 Thomas Lester White
- 637 Albert Henry Werner, Jr.
- 638 Loyd Evan Terpening
- 639 John Alexander Trotter, Jr.
- 640 Larry Gene Rusco
- 641 Ronald Paul Komatz
- 642 Donald Lee Coffman
- 643 David Howard Stoltenberg

IOTA

- 796 Lawrence Martin Becker, Jennings, Mo.
- 797 William Arnold Kruger, Saint Louis, Mo.
- 798 Kenneth Ira Pendleton, Saint Joseph, Mo.
- 799 Ronald Raymond Pfeuffer, Saint Louis, Mo.
- 800 Roger Lee Echelmeier, Saint Charles, Mo.
- 801 Richard Ralph Kapfer, Saint Charles, Mo.
- 802 Thomas Wayne Place, Chillicothe, Mo.

- 803 Terry Allen Johnson, Saint Louis 20, Mo.
 804 Leland Grant Robinson, Neosho, Mo.
 805 Paul Anthony Finn, Hudson, N. Y.
 806 Robert Russell Wright, Springfield, Mo.
 807 Gary Emmitt Woley, Jennings, Mo.
 808 Mike Emil Swoboda, Saint Louis, Mo.

MU

- 724 Edmund Rucker Agee
 725 Lloyd Franklin McEachern
 726 Arthur Charles Daar
 727 Pope Patterson Britt
 728 Joseph Raymond Pegues
 729 George Patterson Chambers
 730 Willie Gray Clark
 731 Joseph Aloysius Adams, Jr.
 732 John Paul Poole
 733 Robert Edward York, Jr.
 734 James Kenneth Hollingshead
 735 John Herbert Williams, Jr.
 736 Max Edward Rosenthal
 737 Joseph Gaston Dobbs
 738 Abner Elwyn McCaskey, Jr.
 739 William Paul Lynch
 740 Charles Howard Snell

XI

- 203 Robert Alan Brauns, Milwaukee, Wis.
 204 William Alan Kellenberg, Jr.

PI

- 586 Kenneth Brooke Barrett, Alexandria, Virginia
 587 Jackie Ondra Bunting, Poquoson, Virginia
 588 Fleetwood Prince Butler, Suffolk, Virginia
 589 James Edwin Drewry, Emporia, Virginia
 590 John Temple Gill III, Richmond, Virginia
 591 Jay Merle Gwynne, Pipersville, Pennsylvania
 592 Gene Warren Hall, Richmond, Virginia
 593 Donald Wayne Ross Henderson, Troutville, Virginia
 594 Marvin Henry Hilton, Madison Heights, Virginia
 595 John Kurt Mast, Lima, Pennsylvania
 596 Paul Cutler Perryman, Drexel Hill, Pennsylvania
 597 James Davis Potter, Jr., Beaufort, N. C.
 598 John Henry Sweitzer, Norfolk, Virginia
 599 John Binford Thompson, Richmond, Virginia

- 600 George Milholland Wheatley, Jr., Old Brookville, L. I., N. Y.
 601 Gerald Christopher Wilms, Union, N. J.

RHO

- 588 Vernon Dougal Niven, Charlotte, N. C.
 589 Ingram Blair McLeod, Jr., Winston-Salem, N. C.
 590 David Wayne Fansler, Winston-Salem, N. C.
 591 George Burkhardt Ellis, Jr., Winston-Salem, N. C.
 592 William Nevyn Rankin III, Winston-Salem, N. C.
 593 James Robert Rettinger, Schuylkill Haven, Pa.
 594 Robert Linwood Olson, Charlotte, N. C.
 595 John Hicks Johnson, Raleigh, N. C.
 596 Charles Eugene Hutchens, Sanford, N. C.
 597 James Robert Reynolds, Boone, N. C.
 598 Clarence Leon Combs, Draper, N. C.
 599 Charles David Averette, Elizabethtown, N. C.
 600 Truman Lewis King, Jr., Raleigh, N. C.
 601 Ned Allen Sigmon, Hickory, N. C.
 602 Larry Herbert Royster, Durham, N. C.
 603 James Cleveland Leonard III, Winston-Salem, N. C.
 604 David Winfield Abee, Rutherford College, N. C.

SIGMA

- 510 Richard Roy Corwin
 511 Tod B. Galloway Dixon
 512 Jerry Allen Henkener
 513 James Ray Killian
 514 Alvin Kenneth Oros
 515 John Albert Rawlings
 516 William Edward Wolf

TAU

- 623 Ira Stephen Feldman, Miami Beach, Florida
 624 Donald Clarence Taylor, Marcellus, New York
 625 Robert Lawrence Tift, Syracuse, New York

UPSILON

- 497 James Harvey Colvert, Little Rock, Arkansas
 498 Jere Markle Johnson, Little Rock, Arkansas
 499 Joseph Earl Kunkel, Newport, Arkansas
 500 Jerry Cecil Perciful, Little Rock, Arkansas

- 501 William Wallace Perdue, Little Rock, Arkansas
 502 Roberto David Stadthagen, Managua, Nicaragua
 503 Bobby Lee Wilson, Malvern, Arkansas
 504 James Marvin Fawcett, Little Rock, Arkansas
 505 Jack Curtis Hammett, Jr., Little Rock, Arkansas
 506 Howard Jones, Jr., Little Rock, Arkansas
 507 James Revell Kimzey, Malvern, Arkansas
 508 Charles Wendell Lamb, Leola, Arkansas
 509 Gary Lee McClain, Crossett, Arkansas
 510 Ross Richard Mayfield, El Dorado, Arkansas
 511 James Max Moody, El Dorado, Arkansas
 512 Jimmy Lee Reed, Pine Bluff, Arkansas
 513 James Carroll Sadler, Pine Bluff, Arkansas
 514 Glen David Wilson, Fayetteville, Arkansas
 515 Elmer Dale Yancey, Searcy, Arkansas

PHI

- 330 Andrew Paul Acher, Franklin, Indiana
 331 Larry Lee Ammon, Muncie, Indiana
 332 Carl William Brown, Jr., Wabash, Indiana
 333 William David Bunnell, Franklin, Indiana
 334 Louis Alfred Divan, Morton, Pennsylvania
 335 James Irving Marrone, Glenview, Illinois
 336 Matthew Joseph Verbiscer, Joliet, Illinois
 337 Edward Neal Doty
 338 William Ryder Leach
 339 Philip Lowry Stone
 340 Gerald Allan Voyles

CHI

- 570 James Walter Blair, Jr., Mill Valley, California
 571 Jerome Quintin Burns, Tucson, Arizona
 572 Joe Brooks Davis, Tucson, Arizona
 573 Charles Freeman Ferrier, Tucson, Arizona
 574 Richard Collier Griswold, Wilmette, Illinois
 575 James Everett Kimes, Jr., Ajo, Arizona
 576 Rolf Kennard Murchison, Tucson, Arizona

- 577 Clifton Norman Patterson, Tucson, Arizona
 578 David Alan Prince, Prescott, Arizona
 579 Henry Herbert Shear II, Alice, Texas
 580 Thomas Lyle Martin, Jr., Tucson, Arizona

PSI

- 404 Philip Allen Van Alstine, Casper, Wyoming
 405 Graham Chauncey Cadwell, Great Falls, Montana
 406 Kenneth Hjalmer Erickson, Grand Rapids, Minnesota
 407 Walter Irvin Enderlin, San Francisco, California
 408 James Edward Thompson, Butte, Montana
 409 Douglas Harold Wadman, Cut Bank, Montana
 410 Richard Roy Vincellet, Billings, Montana

OMEGA

- 515 Dennis Anton Bitz, Rapid City, South Dakota
 516 Vernon LeRoy Bump, Rapid City, South Dakota
 517 Charles Morris Christensen, Dell Rapids, South Dakota
 518 David Vinson Craig, Gering, Nebraska
 519 Rudolph Dzubnar (nmn), Eveleth, Minnesota
 520 Thomas Bernard Hannan, city not given
 521 John Ralph Keene, Belle Fourche, South Dakota
 522 Roscoe Curtis Wells, Grand Junction, Colorado

GAMMA BETA

- 401 Gerald Keith Cornelius, Falls Church, Virginia
 402 William Grierson Duff, Alexandria, Virginia
 403 Albert Ray Howland, Jr., Clifton, Virginia
 404 John Andrew Petrick, Hyattsville, Maryland
 405 Richard Lee Potterton, Arlington, Virginia
 406 John Bruce Pyle, Washington 16, D. C.
 407 Richard Myron Beard
 408 Robert Hanford Gerber
 409 Daniel Bowles Havens
 410 Guy Maclean Jones, Jr.
 411 Henry Casabianca Mayo
 412 Charles Lamont Whitham

EPSILON BETA

- 124 Isadore Clements Bommarito
 125 Rogelio Mendoza

Letters from the Chapters

Alpha Enjoys New House



At the beginning of winter quarter, Alpha Chapter increased its active membership to twenty-six with the initiation of the following seven men: Patrick Flynn, Frank Hublou, Don Loy, Dave MacFarland, Phil Ratte, Jim Reynolds, and Jim Rosen. Alpha also has seven pledges that are planning to become active Theta Tau members at the beginning of spring quarter.

The major social event of this past quarter was the annual winter formal held in our new house as it was last year. A very delicious dinner was prepared by our wonderful and witty cook,

Margaret. Her quips and songs made the evening even more enjoyable. Following the dinner, the couples attending danced to the music of the Mariners.

The final meeting of this winter quarter found the members of Alpha Chapter electing the following new officers to assume the responsibility of leading the chapter through another successful year: David C. Winzer, regent; David L. Voxland, vice-regent; James M. Rosen, scribe; Patrick F. Flynn, treasurer; and Richard R. Dahlen, corresponding secretary.

Alpha wishes to extend an invitation to all brothers to stop in at our new chapter house whenever in the Minneapolis area.

In H & T

Richard R. Dahlen
Corresponding Secretary

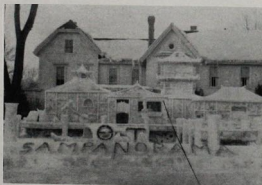
Beta Continues Strong at Michigan Tech



House improvements and leadership in campus activities have been the aims of Beta Chapter this year. The most noteworthy house improvement was the complete remodeling of the west living room. Under the di-

rection of Brother George Winn, the living room walls were refinished in white birch paneling and the fireplace in natural dark oak. New light fixtures and drapes were also purchased.

A look at the roll shows that at present we have 41 active members. This includes eight new members of the Fall pledge class. We also have eleven pledges in our Winter pledge class. Since twenty-two



Theta Tau snow statue—1959 Winter Carnival



Las Vegas Hold-up—Houghton Style

seniors are graduating this Spring, an equally large Spring pledge class is planned.

House officers for the past year were: regent, Dan Rukavina; vice regent, Vernell T. Smith; treasurer, Robert Nesbitt; scribe, William Osberg; steward, Richard Smart; corresponding secretary, Larry Appleton; purchasing agent, Carl T. Nelson. Officers thus far elected for the year 1959-60 are treasurer, James Thompson; and corresponding secretary, James Cote. Dr. Leo F. Duggan is the chapter adviser.

Michigan Tech's Winter Carnival, the highlight of the year's social life, was again won by Beta this year. This marks our eighth consecutive year of domination in this field. This is indeed a feat of which no other fraternity on campus can boast. This year's race was the closest yet, however, as it was won by one-half point. As a result of being eliminated in skit competition, we found ourselves behind 19 points to $1\frac{1}{2}$, with two days of competition left. Our only points thus far were obtained from a third place in snow shoeing, and a third place tie in skiing. In an unequaled, come from behind finish, we won a 15 point first in the snow statue, and a 3 point first in the "dog" sled race, for our eighth consecutive win. Believe me, there was much rejoicing in the Theta Tau house that week-end!

On March 7, our annual Millionaires Party was held. The clicking of dice and the whirr of the roulette wheel cast their spell on the evening, and several stage-money fortunes were won and lost. The evening was interrupted by rifle-wielding, part-time gunmen who relieved our cashier of his excess cash. Prizes were won by

the ladies and the evening was concluded with dancing.

Beta is very much in contention for Michigan Tech's intramural trophy this year. We finished third in basketball—first among fraternities—and second among fraternities in hockey. With good prospects for Spring sports, we are looking forward to a good year in intramural competition.

Beta men also excel in varsity competition. Brother Carl Johnson has been captain of the basketball team this past year, and it was recently announced that Brother Pember Andreson will be next year's captain. In swimming, ex-captain Jay Williams and present captain Don Jacobs have been outstanding performers



Brothers Puro, Smart, and Grapentine admire newly acquired Winter Carnival trophies

this year. The captain of this year's NCAA-bound ski team, Brother C. T. Nelson, has recently been described as the best collegiate skier in the Midwest. Hats off to our varsity men!

As you can see, things have been hopping at Beta this year.

Yours in H & T

James Cote

Corresponding Secretary

Delta in "Revitalization Program"



The brothers of Delta Chapter extend greetings. This past semester Delta has been actively engaged in our "revitalization program." We have done a great deal to improve our status

on the campus here at Case, and we hope that next fall will see an attempt to establish a permanent headquarters for the chapter.

One of the pet projects of Regent John Gerhan has been the establishment of a series of athletic events between Delta and the Case chapter of Alpha Chi Sigma. In a few weeks we have planned a basketball game, and later on this spring bowl-

ing and baseball, with the added possibility of golf, will be featured.

Another feature in our program is the project of our pledges, which consists of giving guided tours of our campus to local high school seniors. These tours are completely handled by our 28 pledges under the direction of pledge master David Nyman. Other officers in our "revitalization program" include Vice-Regent Lee Penkowski, Secretary Bob Komenda, Corresponding Secretary Chuck Dremann, and Treasurer Carl Palmer. It is our hope that Delta Chapter of Theta Tau will once again become a chapter of which our brothers can be proud.

Yours in H & T

Charles Dremann

Corresponding Secretary

Epsilon Sponsors Public Lecture



Epsilon takes this opportunity to extend fraternal greetings and best wishes to all members of Theta Tau. Epsilon Chapter enjoyed an active fall semester under the leadership of Regent James Taylor. Brother Taylor has

since graduated and is now taking flight

training with the Air Force. The proceeds from Epsilon's parking lot have made possible a full program of evening speakers and hot lunches. The fall semester was highlighted by our annual initiation banquet. We were honored to have the following alumni in attendance: G. C. Gester '08, C. S. Caldwell '47, F. Sieraski '57, and D. Fielder '56.

The following officers have been elected for the spring semester: W. C. Schetter,



Standing, left to right: Sieraski, Perdue, Dr. Curtis, Parker, Fielder, Ocon, Schetter, McKinstry, Caldwell, Dunn, Cosgriff, Kern.

Seated, left to right: Dodge, Young, Phillips, Gester, Dr. Welles, Taylor, Grivetti, Moiola

regent; Richard Moiola, vice-regent; Louis Griivetti, scribe; Frank Dodge, treasurer; and Larry Dunn, corresponding secretary. Samuel P. Welles is faculty adviser. For the spring semester Epsilon has an active membership of twenty plus six pledges.

This spring Epsilon is continuing its program of alternating noon hot lunches with professional guest speakers for the evening meetings. At this writing we have had an outstanding talk on vulcanism in

Guatemala by Dr. Howell Williams and we are looking forward to hearing Dr. Ralph L. Langenheim speak of his work and travels in Colombia. Epsilon Chapter is sponsoring a public lecture to be given in the late spring. Dr. J. Everndon will speak on the topic of potassium-argon time dating of igneous rocks.

Yours in H & T,

Larry Dunn

Corresponding Secretary



Left to right: Dodge, Moiola, Taylor, Grand Scribe Pope, Cosgriff, Young, Dr. Welles

Zeta Has Long List of Activities

LAWRENCE KANSAS

Zeta Chapter extends sincere fraternal greetings to all men everywhere who wear the badge of Theta Tau.

This has been a very fruitful year for the actives, pledges and alumni of Zeta Chapter. To start things off, Zeta participated with the other twenty-seven fraternities at Kansas in the Rush Week activities. This, along with the summer rush parties held by some of our men, was very beneficial in obtaining our pledge class.

Carrying on with the tradition of sponsoring the K.U. Engineering Homecoming, Zeta Chapter again took charge of the event through the efforts of Brother Clutz and his committee. This homecoming was held in conjunction with the K.U. football homecoming and differed only in that all of the engineering alumni gathered in one place to renew acquaintances made many years before.

On December 13, we held our Annual Jacqueminot Formal at the Holiday Inn. This year was different from previous years in that we had a dinner dance.

Everyone had a most enjoyable time. The main course of the dinner was filet mignon—very tasty. The center of attraction was a huge white Christmas tree on which were pinned red rose corsages for our dates.

This Spring, Greek Week provided Zeta Chapter with a flurry of panel discussions, banquets, a community project, and a chariot race. This was the second year Zeta Chapter has had the opportunity to participate in the Greek Week activities. Training for the chariot race began many weeks before the race. The "horses," Brothers Clutz and Komatz, worked every night three weeks before the race. When the big event came, Zeta Chapter made a very good showing by placing ninth out of twenty-two fraternities participating.

On April 7, we will again hold our annual banquet for the women engineers on campus. Also during April, we will hold our pledge banquet. This banquet is given by the active chapter in honor of the pledge class.

April 19th is the date this year for the annual Zeta Chapter Chartering Anniversary Banquet. Many local alumni are expected to attend this event. After dinner

the House Corporation Board meets and the Mothers' and Wives' Club will hold their annual meeting.

This year Zeta Chapter's western-style Red Dog Inn party will be held May 9th.

Zeta Chapter also participated in intramural bowling and even though we didn't win our division, we had a lot of fun.

Keeping up with the tradition established in 1951, Zeta again is building the archway for the Engineering Exposition for this year. The theme for this event is "Pioneering in Engineering." The archway will consist of a large oil derrick (representing the original derrick at Oil City, Pennsylvania) pumping oil through an arch of pipe to a replica of an oil refinery. The oil represents knowledge and the refinery represents the distillation of the knowledge into the various fields of engineering and research.

Zeta has at present, twenty-five active members and two pledges. Fifteen men were initiated this school year, (six last Fall and nine this Spring) to bring the total number of initiates of Zeta Chapter to 643.

Since the last letter to THE GEAR, we have had two elections. Our Fall semester officers were: regent, Robert Rehagen; vice-regent, Jim Clutz; scribe, Bill Fisher; treasurer, Tom Domville; and corresponding secretary, Bob Franklin. The Spring semester officers are: regent, Tom Domville; vice-regent, Bill Fisher; scribe, Myron Bernitz; treasurer, Don Preston; and corresponding secretary, Bill Freshley.

Grades in the engineering school have been harder than ever to come by, but Zeta Chapter still claims its share of curve raisers and honor society members. This last semester Brothers Benefiel, Benso, Freshley, Gillespie, Coffman, and Stoltenberg all made a 2.00 (B at KU) or better, grade point average.

Zeta Chapter will lose four of its active members by graduation this year. These men are: Eldon Benso, Al Smith, Bob

McCamish, and Terry Anderson.

In keeping with the past record, many Zeta men are active in the various campus organizations. Brother George Dodd is president of Tau Beta Pi, treasurer of Eta Kappa Nu, and a member of Sigma Tau and Sigma Pi Sigma. Brother Dick Gillespie holds two honorary keys, one to Sigma Tau and one to Sigma Pi Sigma.

Besides the honors in the "engine" school, Brother Dave Stahl will represent Zeta Chapter on the K.U. Relays Committee, and Myron Bernitz is working as publicity chairman for the Engineering Exposition. Brother Ron Bonjour heads a staff largely composed of men of Theta Tau as Editor of the Kansas Engineer. With him on the staff are Dave Marshall, one of the feature editors; Dave Stahl, joke editor; Ron Komatz, photographer; and George Dodd, business manager. Brother Bonjour also devotes much hard work to his position as president of the Engineering Council. He is, as well, a member of the advisory board of the chapter and a very active member of the ASCE.

Our increasing Zeta Cogs fund has helped us considerably in the past and is expected to keep us going strong. It was through this organization of our alumni that we were able to finish tiling all the study rooms, to buy aluminum combination screen and storm windows for the housemother's apartment, and to purchase the new Honor Initiate plaque given for the first time this year to Roger Lynn Benefiel (Fall) and David Howard Stoltenberg (Spring).

The doors at Zeta Chapter are always open, and we most enthusiastically welcome a visit from any of our Brothers who happen to be in the vicinity of Lawrence.

In H & T

William K. Freshley Jr.
Corresponding Secretary

Iota Chapter Sponsors Ugly Man Contest



Here at Missouri School of Mines the talk of the campus is "Who's the Ugly Man on Campus?" Iota Chapter sponsored the contest which started these remarks. Many of the

campus organizations, mostly fraternities, each submitted a candidate and the votes were cast for the "Ugly Man." The votes

were in the form of dimes as the proceeds were donated to the March of Dimes. This has proven very successful again this year, helping a worthy cause as well as gaining interest for Theta Tau.

Brother Bob Pope honored us with his visit for our fall pledge class initiation. A steak dinner was held after the ceremonies.

Under the leadership of our new officers, we are starting to break out of a rather dormant stage for Iota. Officers for this

session are Ken Pendleton, regent; Larry Becker, vice-regent; Bill Kruger, scribe; Gary Woley, treasurer; and Rich Kapfer, corresponding secretary.

Although our number is small, fourteen at present, in addition to sponsoring the Ugly Man Contest we have published the annual Theta Tau school activities cal-

endar; and we took the job of selling Homecoming mums last fall. We of Iota hope to re-establish the position of Theta Tau here at M. S. M.

Yours in H & T
Richard R. Kapfer
Corresponding Secretary

Mu Full of Wheels



Mu Chapter extends fraternal greetings and best wishes to all our brothers in Theta Tau.

Our chapter officers for this semester are regent, Arnold M. Blumenstein; vice-regent, Robert D. Cardy; scribe,

Bruce W. Stephenson; treasurer, Kenneth E. Harwell; and corresponding secretary, Waights M. Taylor.

Professor William K. Rey, Grand Vice-Regent of Theta Tau, is serving his fifth year as our faculty adviser.

With the initiation of seventeen fine men on January 11, 1959, Mu Chapter now has 42 active members. We are proud to claim 13 members of the faculty of the University of Alabama as members of Theta Tau.

At present we are busy working on a board to be placed in the Engineering Building which will list all members of Mu Chapter according to year initiated. As in the past, we also sponsor a study

hall for freshmen and sophomores in engineering.

Mu Chapter can proudly claim many members in honor societies of the school. These include one member in Omicron Delta Kappa, twelve in Tau Beta Pi including the recording secretary, six in Pi Mu Epsilon including the vice-president and treasurer, six in Chi Epsilon, and three in Alpha Pi Mu.

Beside the scholarly side of life, members of Mu Chapter are very active in campus activities. These include the vice-president and secretary of AIEE, president of the Men's Residence Halls, vice-president of the Baptist Student Union, two engineering representatives to the Student Legislature, and one-hundred per cent membership in the student branches of the various engineering technical societies.

With the year half over, Mu Chapter can look back on a productive semester and look forward to another.

In H & T
Waights M. Taylor
Corresponding Secretary

Xi Building House Fund



At present we have thirteen actives and four initiates. During the fall semester we had five initiates which makes a total of nine initiates for the year.

The new officers elected at our last election are as follows: regent, William

Kellenberg; vice-regent, Sherman Ansell; scribe, Robert Brauns; treasurer, Neil Brunner; corresponding secretary, William Luedke.

Again this year we presented our Outstanding Sophomore Award at the St. Patrick's Day dance. This year's winner was David E. Aspnes, EE 3, of DeForest, Wisconsin. David not only has a high



Dr. G. A. Rohlich presents outstanding sophomore award to Dave Aspnes

scholastic standing, 3.98 out of a possible 4, but he also earns 20 per cent of his college expenses and belongs to two honorary societies, Tau Beta Pi and Phi Eta Sigma, and the University band.

Our housing fund is moving along quite rapidly under the guidance of our financial secretary, Delbert Towne. He has contacted alumni for money for this project and is having very good results. He has also worked with Dr. G. A. Rohlich on a tentative plan for the purchase and financing of the house.

This year Xi Chapter is entering the 1959 University of Wisconsin Engineering Exposition to be held April 10 through 12. Our project is a mechanical heart which was designed by our regent, William Kellenberg. At present this machine is being used here at the University for research work. We are in great hopes of winning some prize money to bolster our treasury.

In H & T
William Luedke
Corresponding Secretary

Omicron Starts House Fund



Saunders, scribe; Carl Eggar, treasurer; and Richard Maurer, corresponding secretary.

On November 2 a coffee hour was held in the River Room of the Iowa Memorial Union to select new pledges for the fall semester. From the coffee hour 17 pledges were selected to attend pledge classes. All 17 were formally initiated on February 15 at 10 a.m., and the new members were invited to attend the smorgasbord at the Jefferson Hotel. Also, Donald H. Madsen was initiated as an honorary member and became our new faculty adviser. He replaced Donald E. Metzler who left to become associate dean of engineering at the University of Kansas. The new members are George Ashton, William Ashton, Dave Becker, Claude Carroux, Ronald Cooke, Warren Dickenson, Dave Gaylord, Ronald Grossklaus, Tom Hanson, Wayne Huebner, Claude Lindeman, Gerald Mann, Herb Marske, Cliff Mecklenberg, Russ Roberts, Richard Ralston, and James Weintraut.

Omicron Chapter sent two representatives to the 22nd National Convention in Madison, Wisconsin, on November 18, 1959. The representatives sent were the vice-regent, Chuck Schmidt, and Tom Church. Tom and Chuck reported the convention was very interesting and successful.

The annual Christmas Party was held

on December 6 at the Ronneberg Inn in Amana, Iowa. The members wives and dates were invited and gifts were exchanged after the dinner. The evening ended in dancing.

On January 24 the officers for the spring semester were elected and are as follows: Chuck Schmidt, regent; Paul Morgan, vice-regent; Tom Woodruff, scribe; Ronald Cooke, treasurer; and Royal Turner, corresponding secretary.

On March 10 the chapter held a dinner meeting at the Airport Inn at 8:30 p.m. The guest speaker for the evening was Professor Rising who talked on his research on the effectiveness of teaching by the use of films.

The coffee hour was held for the spring pledges and all members were invited to come and get acquainted before the pledge classes began.

Omicron Chapter has been working on a pledge system to obtain funds for acquiring a house. Every graduating member is asked to pledge ten dollars a year for ten years. As soon as enough funds can be obtained, a house is going to be rented. This is the project of greatest importance to the chapter now.

At the annual Engineering Mecca Smoker on March 19, the Theta Tau Achievement Award was given to Kent Mittelberg and Paul Morgan for their outstanding participation in engineering and college activities.

The chapter now has thirty-eight active members and ten pledges.

In H & T
Royal Turner
Corresponding Secretary

Pi Enjoys Monthly Luncheons



The officers of Pi Chapter for the spring semester of 1959 are as follows: Herbert McCormack, regent; John Cline, vice regent; Kenneth Barrett, scribe; John Thompson, treasurer; and John Gill, corresponding secretary. We have 50 active and are expecting 20 pledges.

On the 25th of March a luncheon was held in Newcomb Hall, the University of Virginia's new recreation building. The luncheon was attended by faculty, graduate, and active brothers and pledges.

Similar luncheons are held monthly by Pi Chapter and have met with much success.

Engineering School elections were held on the 23rd of March. Five brothers in Pi Chapter were elected to office.

The semi-annual Engineer's Ball, which is sponsored jointly by Pi Chapter, will be held April 25. The fall dance had an overflow crowd of both faculty and students of the Engineering School.

We are always glad to hear from you.

Yours in H & T,
John T. Gill
Corresponding Secretary

Rho's Vitamins in Evidence



With the recent election of a new slate of officers and the planning of the initiation of the spring pledge class, Rho Chapter is rounding out another active and successful year. The newly elected officers are R. Douglas McBrayer, regent; J. Lyndon Brown, vice-regent; Ben E. Lemons, scribe; and Eugene Hutchens, treasurer. Rho is fortunate to still have as its chapter adviser, Brother A. A. Carlyle. The former officers and Brother Carlyle have contributed greatly to the year's operation.

At present Rho has 29 active and 7 pledges. The initiation of the pledge class is planned for April 29. Our chapter is fortunate in that our strength is complemented by the close association of recent graduates who have remained in the area and several faculty members. Nine of our brothers graduate in May.

During the past year, Rho's alumni files have been brought up to date. This was the main project of the fall pledge class. Plans for an Alumni Club are in the formative stage. A newsletter, soon to be published, tells of this year's activities. As mentioned before, the main project of the past year was the work done on the alumni files of Rho Chapter. This work will greatly facilitate our getting in touch with our alumni.

Again this year, the pledges were required to make and carry a three foot replica of the Hammer. This afforded a large amount of publicity for Theta Tau. In addition to these projects, Rho has held its regular yearly socials and its Christmas Party. This past Christmas Rho gave a party for about twenty boys of the 10-12 age group at the North Carolina School for the Blind located here in Raleigh. This was a very enlightening experience and we heartily recommend the practice of giving a party to an underprivileged group to all chapters. Other chapter activities include the operation of an information booth at the Engineer's Fair and participation in Carnival night.

For the second straight year, a member of Rho Chapter has been named "Outstanding Engineering Senior" at N. C. State College. Brother Rhichard H. Redwine succeeds Brother Ed Nuckolls as recipient of this great honor. Brother Redwine was presented an engraved watch and praised by Dr. J. Harold Lampe, Dean of the Engineering School, as an outstanding student and person. More on Brother Redwine is given elsewhere in the issue.

All Rho actives extend best wishes to all units of the fraternity.

In H & T
Ben E. Lemons
Scribe

Sigma Has Big Chapter



Sigma Chapter extends fraternal greetings to all brothers of Theta Tau.

In January of this year the following officers were elected: John Bishel, regent; James Buckenberger, treasurer; and Kenneth J. Hutton, corresponding secretary. Elected to the office of vice-regent, due to the vacancy left when brother Buckenberger was elected treasurer, was Gary Goss. Other officers of Sigma Chapter are Steve DeWeese, scribe; Donald Sifter, marshal; Richard Singer, inner guard; and Richard Erdman, outer guard. Professor Edmund D. Ayres of the Electrical Engineering Department was re-elected as adviser in December.

The fall quarter pledge class was ini-

tiated in February of this year. This class was the first to have an extended pledge-ship. It was felt by the chapter that it would be better to have initiation at the beginning of the quarter than before final exams even though this procedure calls for a longer pledge period. This policy will be continued in the future.

At the present time, Sigma has a membership of 38 actives and 13 pledges, 6 of whom we hope to initiate in April. Graduating seniors this year were Robert Perkins, Autumn '58, and Cloyd O. Duncan, Jr., Winter '59. Brother Duncan had been regent for the past year.

At the end of the spring quarter, 14 actives plan to graduate. They are Lynn Boyd, Steve DeWeese, Russell Connell, William Drake, Richard Erdman, Edwin Foster, Gary Goss, Donald Grube, Robert Halsey, David Johnson, Robert Kates, Wayne Milestone, Charles Pealer, and Richard Singer.

During the fall quarter, Sigma built a homecoming display which was much more elaborate than usual inasmuch as it was animated.

We are continuing a professional development program of having monthly dinner meetings highlighted by discussions by prominent men from both on and off campus. An innovation in our social program was a combined party with the local Triangle Chapter which proved to be a very successful function.

In closing, Sigma Chapter wishes a successful year to all brothers.

In H & T
Kenneth J. Hutton
Corresponding Secretary



Sigma Homecoming Decoration

Tau Much Interested in Queens



The following is the annual report of Tau Chapter to THE GEAR.

At present we have 16 actives, and we expect to have 8 pledges in the spring pledge class which is

now forming.

Our officers are Arthur Walier, regent; William Wagner, vice-regent; Phillip Schuls, scribe; James Case, treasurer; and Robert Raichlin, corresponding secretary.

On March 7 Tau Chapter of Theta Tau held the twelfth annual Engineers' Ball at Drumlins Country Club. "Sox" Tiffault

and his band provided music for approximately 100 engineers and their ladies. The ball climaxed a period of hard work for the brothers of Tau Chapter. Brother Bill Wagner was over-all chairman for the ball, and he was ably assisted by Brother Ira Feldman. Brother Jim Case handled the ticket and program printing as well as his duties as treasurer of both Tau Chapter and the ball. Brother Bob Tift had the unenviable position of running the contest for the selection of the five finalists for the Engineers' Ball queen. As pleasant as this may appear at first glance, there was a lot of hard work involved. Other brothers who deserve mention for their contributions to the success of the ball

are Brothers Irv Simon, Phil Schuls, Bob Raichlin, Leon Mangano, and alumni Brother Vito Kruka.

The five queen's contest finalists were voted on at a voting booth, operated by the brothers in the Engineering Building, by the entire student body of the Engineering School. The winner was Miss Marie Harth, a senior in the College of Home Economics here at Syracuse University. The crowning took place during the intermission at the ball, and for the first time in the history of the ball the Dean of the College declined the honor of crowning the queen. He passed the honor along to our regent who is now known as "Upside Down" Walier as that was the way the crown ended up on the queen's head.

In addition to the ball, Tau Chapter is

also sponsoring concurrent series of programs of interest to all engineering fields. Twice weekly films are shown during the lunch hour, and once every two weeks a guest speaker gives a lecture of general engineering interest. Both of these programs are under the hard-working guidance of Brother Irv Simon, who undertook this in addition to his duties as pledge chairman.

In closing, Tau Chapter puts out a call to all our alumni to please let us know where you are and what you are doing. If any alumni are in the Syracuse area, we would like very much to hear from you.

Yours in H & T

Alan E. Kushnick
Tau Chapter

Upsilon Has Three Major Activities



We of Upsilon Chapter of Theta Tau submit the following activities and information as our annual report.

At the present time we have thirty-nine actives and ten pledges

which brings our total to forty-nine. All 10 of these pledges were pledged at the beginning of the spring semester '59.

Officers for the spring semester are as follows: John Hoskyn, regent; Jere Johnson, vice-regent; Howard Jones, Jr., treasurer; Thomas Strickland, recording secretary; and Hap Hazard, corresponding secretary.

Upsilon Chapter has had three major activities this year. The first of these activities was our annual Founders' Day Banquet. This was held in the Mt. Inn banquet room on October 15, 1958. It was an enlightening event with a very interesting speaker. The beauty at the banquet was furnished by the dates of the actives and pledges.

The second activity was Upsilon Chapter's "St. Patricia Banquet." The banquet was held in the private dining room of the Student Union on March 5, 1959. Six beautiful candidates vying for the crown of St. Patricia were the guests of honor. The banquet was highlighted by a fine group of musicians who played after the dinner.

The third activity of Upsilon Chapter was its participation in the annual Engineering Week at the University of Arkansas. Upsilon's actives and pledges worked hand in hand with the Engineering Council in putting on one of the finest Engineering Weeks this University has ever had.

Several of our members have been tapped and initiated into such honorary fraternities as Blue Key, Omicron Delta Kappa, Tau Beta Pi, and Pi Mu Epsilon.

We of Upsilon sincerely hope that this short summary will suffice as our annual report.

In H & T

Hap Hazard
Corresponding Secretary

Phi in "Operation Facelift"



The big news at Phi this year is "Operation Facelift." We have been centering most of the efforts this year around the remodeling of our house. We came back from summer

vacation early to lay tile in the hallways and study rooms. It proved to be quite a task, but we mixed pleasure with work and got the job done. This proved to be only a starter. The alumni took over from there and have given us tremendous support. Carpenters moved in and completely remodeled the bath and foyer. They are



Phi Chapter House—Before

now in the process of placing aluminum siding on the house and erecting a new front porch with two story columns. We hope to have this completed by the first of May. We would like to express our sincere thanks to our chapter adviser, Brother Thoma, Brothers Trbovich, Spaulding, Nottoli, Halsey, and the rest

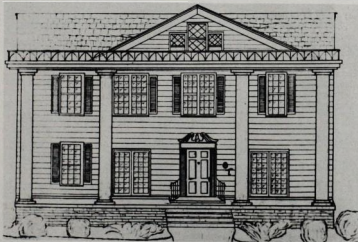
of Phi's alums for their effort and support of our undertaking.

We have also managed to work social and university activities into our crowded schedules. Our fall house dance, which we have with five other fraternities, featured the Glenn Miller Orchestra under the able direction of Ray McKinley. It is superfluous to say that everyone had an enjoyable time. We are now in the midst of planning our spring house dance and the usual functions for Greek Week.

Congratulations to Brother Hinshaw on being elected treasurer of Arnold Air Society and to Brother Schrader on the fine job he has done as president of the managing board of Purdue Playshop. Brother Backus was initiated into Pi Tau Sigma and Tau Beta Pi honoraries. Brothers Hinshaw and Dresser have been initiated into Eta Kappa Nu, electrical engineering honorary. Brothers Marrone and Stone were initiated into Phi Eta Sigma, freshman scholastic honorary. Congratulations to all.

Elections were held on March 2, 1959. The following officers were elected by the members of Phi Chapter for the 1959-1960 year: regent, Larry Ammon; vice-regent, Jerry Yohey; scribe, M. Edward Whitney; treasurer, Mathew Verbiscer; Corresponding Sec'y, Thomas Brandon; house manager, Freeman Rittenhouse; and steward, James Marrone.

Yours in H & T
Thomas Brandon
Corresponding Secretary



Phi Chapter House—After

Chi Actives Watch Pledges Paint



Chi Chapter extends greetings to the Theta Taus wherever they may be.

Since December and the election of new officers, Chi's chapter house has been bouncing with the bustle of many busy engineers.

Our new officers are Lee Bodenhamer, regent; Tom Jimerson, vice-regent; Bill Bodenhamer, scribe; Art Hammond, treasurer; and Rolf Murchison, corresponding secretary.

With the beginning of the second semester, we gained 11 new pledges who have been working steadily under the watchful eyes of the 30 actives to get the chapter house painted from floor to ceiling.

Immediately following the rush period, the actives were entertained at the annual alumni-active barbecue. Once again it was held at the home of our faculty adviser, Phillip Newlin, of the Civil Engineering Department. A real good barbecue dinner was served and an afternoon of fun was enjoyed by all who attended.

With the Engineers' Day celebration, consisting of a picnic, dance, and Honors' Assembly for all the students of the colleges of engineering and mines, many of our actives and pledges were quite busy. Eight of the sixteen members of the Engi-

neers' Council, the coordinating council of engineers and miners on the campus, are actives of Theta Tau. There are also two more actives and three pledges in training for next year's council to help the three Theta Tau members who will be remaining.

Meanwhile, the actives of Chi Chapter were busy selecting a candidate for the third annual presentation of their award for the outstanding senior engineer on the campus. It was also decided that next year Chi Chapter would take over the responsibility of sponsoring the Engineers' Honor Assembly from the Engineers' Council so we all worked hard on this first one which was a great success.

Now that all these events are over, we can relax a bit; but like all engineers, our minds are busy thinking of more things to do. Planned for some time after spring initiation is a spaghetti sling for the actives and their wives and girl friends.

So another semester has passed and Chi Chapter has done its best to show the world who the Theta Taus are.

Chi Chapter extends a welcome to all actives and alumni passing through Tucson. Come by and see us so that we may further develop the ties of fraternal brotherhood.

In H & T

Rolf K. Murchison
Corresponding Secretary



Chi Chapter Alumni-Active Barbecue, February 1959

Psi Initiates Program of Professional Development



Fraternal greetings from Psi Chapter to all brothers of Theta Tau.

The spring semester began with the elec-

tion of the new officers for the coming year. Elected to the chapter offices were Harvey Hannah, regent; David Cushing, vice-regent; James Thompson, scribe; Richard Vincelette, treasurer; Douglas Wadman, corresponding secretary; Wil-



Back row, left to right: Judd, Vincelette, Boettcher, Johnson, Van Alstine, Thompson, Byrne, Professor McCaslin
 Second row, left to right: Grandy, Wadman, Prellwitz, Erickson, Cushing, Herndon, Cadwell, Ziesing, Maddocks, Professor Stolz
 First row, left to right: Rask, Bato, Kerr, Coolidge, Painter, Roberts, Enderlin

liam Callaway, inner guard; Walter Enderlin, outer guard; and Kenneth Erickson, marshal.

Psi Chapter now has 20 actives and 22 pledges. Our chapter adviser is Professor Doug Harnish, Head of the Petroleum Department. His participation in the fraternal activities of this chapter has greatly assisted in making this another successful year.

Psi Chapter is striving to win the Montana School of Mines Intramural Trophy again this year. Sports which Psi men are participating in are volleyball, basketball, soccer, horseshoes, softball, table tennis, and hand ball.

During the fall semester, we initiated Walter Enderlin, James Thompson, Douglas Wadman, Richard Vincelette, Philip Van Alstine, and Graham Cadwell. Another initiation is planned in the very near future.

Under the leadership of Brother Ziesing, Psi Chapter is sponsoring a program for professional development at the Montana School of Mines. We are sure that the series of lectures which will be given by various members of the engineering profession under this program will prove interesting and informative to the entire student body.

Psi Chapter again demonstrated its scholastic ability by receiving the second highest grade index among the engineering students on campus. Heading the honor roll list was a Psi man, Dick Vincelette, with a straight A average.

Preparations are being made for the annual Psi Founders' Day and we are sure that it will again be a great success.

In H & T

Douglas H. Wadman
 Corresponding Secretary

Omega in Good Health



Omega Chapter sends warm fraternal greetings and best wishes to all brothers in Theta Tau. We have enjoyed a fine year under the leadership of brothers Ren Whitaker, regent; Cam Kuehl, vice-regent; Lou Riemen-schneider, scribe; Larry Blair, treasurer; Ed Tegland, assistant treasurer; and Dick Sheldon, corresponding secretary.

Recently elected and installed officers are brothers Bob Mielsen, regent; Larry

Blair, vice-regent; Dale Gruebele, scribe; John Pearson, treasurer; Dave Craig, corresponding secretary; and W. V. Coyle, faculty adviser.

We have 34 active members, 12 pledges, and 11 honorary and alumni members. Omega Chapter wishes to extend congratulations to the following brothers who came in the fraternity last fall: D. Bitz, V. Bump, C. Christensen, D. Craig, M. Dzubnar, T. Hannan, J. Keene, and R. Wells.

During the fall quarter we held one smoker. We introduced the purposes of

Theta Tau to about 90 guests. We also gave a Founders' Day banquet at the Canyon Lake Club. Brother Harry Garlick, Omega '47, was the main speaker at the banquet.

During the winter quarter we held our Christmas banquet. After the banquet, everyone attended the school's Christmas Formal. We also held our annual Cinch-Buckle T western dance at the Meadowbrook Country Club and gave a winter smoker with about 70 guests attending.

Plans are now underway for our annual Spring Formal. We are also going to have a pledging smoker soon and expect a large pledge class this spring.

In intra-mural sports we have four basketball teams and two bowling teams. Brothers Riemschneider and Whitaker

were elected to the South Dakota inter-collegiate all conference football team and were also elected honorary co-captains of the 1958 football team.

Brothers Ren Whitaker, Chuck Braun, and Skip Capler were listed in *Who's Who*. Brother Max Dzubnar was pledged in the national honorary fraternity, Sigma Tau.

Under the guidance of brothers Dewey and Grimm, our professional development programs this year were very active and well received.

Omega Chapter wishes further and continued successes to all chapters of Theta Tau.

In H & T
David Craig
Corresponding Secretary



FOUNDERS' DAY BANQUET

Left to right: Radford, Garlick, Wells, Whitaker

Gamma Beta Reviews a Successful Year



Gamma Beta Chapter extends fraternal greetings and best wishes to all brothers in Theta Tau.

This year Gamma Beta has been under the leadership of Jack O'Neale, regent;

Frank Narr, vice-regent; John Roberts, scribe; Jim Lear followed by Paul Traversky, treasurer; Wayne Davis followed by John Pyle, corresponding secretary; Ray Sullivan, marshal; Tom Coleman, inner guard; Fred Hood, outer guard.

Our faculty adviser this year is Dr. Norman B. Ames of the Department of Electrical Engineering.

Our spring initiation was held March 14, and Gamma Beta now has 35 active members.

The majority of the leaders of the Engineering School this year are members of Theta Tau. Woodrow Everett is president of the Engineers' Council and was recently elected to "Who's Who in American Colleges and Universities." Brothers Jack O'Neale, Ray Howland, and Tom Coleman are serving the Council as vice-president, secretary, and treasurer respectively. Six other brothers are members of the Council.

Theta Tau is also well represented in the professional societies. Ray Howland is secretary of the AIEE-IRE; Jim Christ and Mike Gall are president and treasurer

(respectively) of the ASCE; Jack O'Neale and John Roberts are vice-chairman and secretary, respectively, of the ASME.

Mecheleciv, the Engineering School magazine, is being put out by Brothers Pat Cudmore, Jim Christ, Tom Coleman, Robert Moore, Jack O'Neale, Frank Narr, and Woody Everett under the capable direction of Editor Cliff Hall.

We are especially proud to announce that 3 Theta Tau men have been selected as outstanding Seniors. They are Tom Coleman—BEE, Robert Moore—BSE, and Jack O'Neale—BME.

This year we have nine brothers in Sigma Tau and four brothers in the Arnold Air Society.

Gamma Beta has been very active in intra-mural sports this year and under the guidance of Brother Vic Weiner has made a fine showing.

This has been a very successful year for Gamma Beta Chapter and we are looking forward to many more. Our best wishes to all brothers in Theta Tau for continued success.

Gamma Beta Chapter extends an invitation to all brothers to visit the chapter whenever in the vicinity.

Yours in H & T

John Pyle

Corresponding Secretary

Delta Beta Remodeling House



The Delta Beta Chapter of Theta Tau would like to inform you of its activities. We have twenty-four active members at present. In addition we have six pledges: David M. Carroll, James B. Guffey, William T. McDonald, Emmett Lee Ogden, Jr., John G. Shea, Jr., and Stephen M. Thrasher, Jr. These pledges will be formally initiated Sunday, April 5, 1959.

At our election last October, Charles Hager was elected regent. Others elected were William McCammon, vice-regent; Robert Scheer, scribe; Jerry Bishop, treas-

urer; William Leyers, pledgemaster; John Cosgrove, house manager; and Ronald Sturgeon, corresponding secretary.

We are now in the process of remodeling our house so that we may board four additional members. Plans are also under way for our Jacqueminot Ball which will be held in the latter part of April. We sincerely hope that all members and alumni will attend.

Charles Hager, our regent, is also president of the A. I. Ch. E. Chapter at Speed Scientific School.

In H & T

Ronald E. Sturgeon

Corresponding Secretary

Epsilon Beta Moves to Larger House



Epsilon Beta extends greetings and best wishes to all chapters for a successful year. This year our chapter is lead by Gerald Lahti, regent; George Eskola, vice-regent; Robert Calmeyer, scribe; Robert Gurchiek, treasurer; and Robert Knoll, corresponding secretary. Dr. Harold G. Donnelly is our able chapter adviser.

Our active membership stands at twenty-seven with the addition of the membership of John Baetz, Jr., Ronald Bill, Russell Holmes, Robert Knoll, George Maule, and Edmund Van Elslander in the spring



Pledges show proper attitude to Alumnus Szczepanski



Epsilon Beta pledges

Back row: Ott, Dettloff, Worden, Kargills, Waldrop, Cox
Front row: Bill, Maule, Baetz, Holmes, Van Elslander,
Knoll

semester and Isadore (Clem) Bommarito and Rogelio Mendoza in the fall semester. Six actives, John Angeliu, John Cox, Dick Dettloff, Alex Kargillis, Norm Ott, and Joe Sanchez, donned caps and gowns, while Earl Hendrickson, Emerson Dauncy and Gerald Straughen gave up their civvies for O.D.s. Brothers Ott and Sanchez have returned for graduate work. Good luck men! We are currently riding herd over eight pledges who are under the protective wing of Gene Johnston, pledgemaster.

The past year has been an eventful one. Brother Anderson and Brother Ott were caught in the web of matrimony, while the Gilliam and Puskas households had new additions: a girl for Mr. and Mrs. Gilliam and a boy for Mr. and Mrs. Puskas. Brother Lahti received all A's last semester, Brother Sanchez was elected to Eta Kappa Nu, and Brother Zuschlag was initiated into Chi Epsilon. The latter recently became a citizen of the United States.

Our social calendar for the year included sorority parties, dances, a canoeing party, and a February "hay ride". The Founders' Day dinner dance was held on October 18 with some 60 couples in attendance. Brother Lahti was presented with the scholarship award, Ron Compton was presented with the sports award, and Jim Waldrop received the most outstanding member award. This was the second time in a row for all three of them.

Last year was not all play however. Gerald Thomas was elected president and Ron Compton secretary of the Engineer-

ing Student Board. Epsilon Beta has taken on the co-sponsorship of the Achievement Awards Banquet with Ron Bill acting as chairman. The quarterly sale of the Engineering magazine has also been undertaken. We received special mention for our display in the last Engineering Showcase, an open house sponsored by the Engineering College. We also actively participate in our professional societies.

Epsilon Beta recently moved to a new location which is much larger than the old house; but with the recent acceptance of a new housing proposal, we hope to have a house of our own in the near future.

Yours in H & T
Robert E. Knoll
Corresponding Secretary



Lahti contributes ditty

Alumni Notes

ALPHA

Coe, Edward Harold, '19, CE '26, is associate professor of Civil Engineering at the University of Illinois in Urbana. He retired as a Colonel in the Regular Army in 1954. During the Korean War he was the engineer of the Japan Logistical Command and responsible for planning and supplying the extensive construction works in Korea.

Erickson, Hugo, '28, has retired as Minneapolis city engineer to join the architectural firm of Magney, Tusler & Setter as engineering partner. He spent 14 years with the Minnesota State Highway Dept. before entering the employ of Minneapolis in 1937. He has been city engineer since 1948.

Moxness, John B., '44, is now market manager for pyrometer supplies for the Philadelphia-based, Brown Instruments Division of Minneapolis-Honeywell Regulator Company.

GAMMA

Warren, S. Power, '13, is at 914-19th St., Golden, Colo.

Thomas, G. D., '21, has retired from Shell Oil Co. and his new address is 439 Albany St., Shreveport, La.

Frobes, Clarence D., '24, is now addressed at 431 Towerview Road, Dayton, Ohio.

Bliss, Paul D., '26, is now at Amherst, Virginia.

Jacobsen, W. B., '33, is now works mgr. for Lemont Mfg. Corp., 5601 West 26th St., Chicago 50, Ill.

Lindeman, Frank, Jr., '33, is general manager of the Oil & Gas Division, United Carbon Co., P. O. Box 1915, Charleston 19, West Virginia.

Moulton, Wesley G., '38, is with Kermac Nuclear Fuels, P. O. Box 128, Grants, New Mexico.

Tarr, Charles M., '38, is with Continental Oil Co. in Denver and home is at 6260 West 46th Place, Wheat Ridge, Colo.

Giesekeing, David H., '41, is employed by Allis Chalmers and his permanent address is 8823 W. Orchard, Milwaukee 14, Wis.

Haymaker, Edward, '41, is with a new consulting firm, Gray Cochrane Corp., C. A. Johnson Bldg., Denver, Colorado. He has spent 17 years with Phillips Petroleum Co. in various Departments.

Patty, Walter L., '41, now lives at 2800 West 26th Ave., Denver, Colo.

McQuinn, W. Jones, '46, is now living at 28 Timothy Ave., San Anselmo, Calif.

Hochberger, S. M., '48, has a new address at 1923 Stone Ridge Lane, Villanova, Penn.

Nickerson, Kenneth W., '48, is with the Miracle Filer Drilling, 1225 First National Bank Bldg., Denver, Colo.

Rader, M. T., '48, is with Creole Petroleum Corp., Apartado 889, Caracas, Venezuela, South America.

Taylor, I. R., '48, now lives at 240 Deer Ave., Riverton, Wyoming.

Wannaer, John J., '48, gets his mail at 701 Boston Bldg., Denver 2, Colo.

Signer, M. L., Jr., '50, can now be addressed at Box 299, Esterhazy, Saskatchewan, Canada.

Adams, H. D., '52, is with Sinclair Oil, Apartado 1706, Caracas, Venezuela.

Thomas, Roderick A., '52, is now at 332 West Foster Ave., State College, Pa.

Hinrichs, Paul D., '53, can be addressed c/o Shell Oil Co., 3737 Bellaire Blvd., Houston 25, Texas.

Kerwin, Robert L., '53, is now at 4216 N. Galena Road, Peoria, Ill.

Lyster, W. N., '53, presented a paper recently at the national meeting of the American Institute of Chemical Engineers. He is a chemical engineer at the Baytown, Texas, refinery of the Humble Oil & Refining Co.

Meitz, Kenneth F., '53, has left Grand Junction, Colorado and is now with a new address at 401 Beech Ave., Kemmerer, Wyoming.

Ziolkowski, Edward F., '53, lives at 220 East Midland, Ironwood, Mich.

Irwin, J. S., Jr., '54, is a geologist for the Anderson-Prichard Oil Co., 214 Hudson's Bay Oil & Gas Bldg., Calgary, Alberta, Canada, and home is at 2319 Richmond Road, Calgary.

Tindall, Jack L., '54, can now be addressed at 5530 Hidalgo, Houston 19, Texas.

Kehrwald, R. J., '55, is at Jeffrey City, Lander, Wyoming.

Doll, Robert H., '56, 1st Lt. USA, 0461904, Ulm Station, USAG SAS, (7822005) APO 35, New York, N. Y.

Emery, Henry A., Jr., '56, can be addressed c/o R. L. Bailey, 465 Yukon, Lakewood, Colo.

Howard, Robert W., '56, lives at 767 Platinum Drive, Cody, Wyoming.

Meyer, Marion Jack, '56, now lives at 2101 Pictoria Drive, Bakersfield, Calif.

Yopp, William J., '56, is at 469 S. Indianapolis, Tulsa, Okla.

Steck, Robert B., '57, is technologist with National Lead at the Fernald plant and lives at 539 Park Ave., Hamilton, Ohio.

DELTA

Heston, Robert, '14, professional engineer, is with Samborn, Steketee & Associates in Toledo, Ohio.

Binder, George, '20, chief engineer, East Ohio Gas Co., Cleveland, Ohio, has been elected a director of the company.

Zahour, Robert, '23, manager of applying engineering of the Westinghouse Lamp Division, is in Bloomfield, New Jersey.

Meyer, Karl, '26, is manager of manufacturing services, Reliance Electrical & Engineering Co. in Cleveland, Ohio.

Donnell, John, '34, is vice president and director of the Ohio Oil Co., Findlay, Ohio.

Sibila, Alfred, '35, is chief of aerodynamics, Chance Vaught Aircraft Inc., Dallas, Texas.

Vaughan, John, '37, now lives on Cemetery Road, Brooksville, Florida.

Kessler, Harold, '42, is supervisor, product development division, Titanium Metals Corp. of America, Toronto, Ohio.

Miller, Rodney, '42, is general agent for the Mutual Life Insurance Co. of New Jersey at Albany, New York.

Baty, Bruce, '43, is manager, construction department, Armo Drainage & Metal Products Inc., Middletown, Ohio.

Nusbaum, William, '44, is assistant to the president, Emerson Electric Mfg. Co., St. Louis, Mo.

Rebman, Jack, '46, is manager of research Revell Inc., Venice, Calif.

Gerace, Frank, '48, is with Collinson Construction Co., Midland, Ohio.

Mergler, Harry, '48, is assistant professor of mechanical engineering at Case.

Maxwell, Jack, '49, is with the management consulting firm of Booz, Allen, & Hamilton, Detroit, Mich.

Leibensberger, Claude, '51, is with Bell Helicopter Corp. at flight tester engineer, Fort Worth, Texas.

Nelson, Frank, Jr., '51, Lt. USNAF is at VP-19 Naval Air Station, Alameda, Calif.

Hon, John, '52, received a Ph.D. in physics at Brown University, June 1958.

Lindblom, Carl, '52, is in the unit heater department of The Trance Co., La Crosse, Wisconsin.

Salanty, Donald, '53, is with Standard Oil Co., St. Louis, Mo.

Steigerwald, Bernhard, '53, is senior assistant sanitary engineer, U. S. Public Health Service, Cincinnati, Ohio.

Hollis, John, '55, is a sales engineer for Consolidated Iron-Steel Mfg. Co., in Cleveland, Ohio.

Allison, James, '57, Lt. USAF is stationed at L. G. Hanscome Field, Bedford, Mass. in the Geophysics Research Directorate.

Pavlik, John, '56, is an electronics engineer for Farnsworth Electronics Co. in Fort Wayne, Ind., and home there is at 826 Warwick Ave.

Gaber, Norman, '57, is a Salesman for Allegheny Ludlum Steel Corp. in New York City and lives in Fairfield, Conn.

Arbogast, Paul, '58, is a product engineer for the Packard Electric Division, General Motors Corp., Warren, Ohio.

EPSILON

Gester, Stephen H., '13, lives in Napa, California.

Gester, Peter, '43, and family are now living in Anchorage, Alaska where he is supervisor of exploration for Standard Oil Co., of California.

Peryam, Richard C., '49, and family are now in Havana, Cuba, where he is resident geologist for Union Oil Co. of California.

Tuller, B. A., '49, is supervisor, geophysical technical division, for Pan American Petroleum Corp's Rocky Mountain Division.

Abel, Wayne, '53, reports the birth of a son, Brian William, on March 8, 1958.

Kirkland, Douglas Wright, '53, received an M.S. in geology in 1958 from the University of New Mexico.

Doumani, George, '55, is presently engaged in research at Antarctica in conjunction with the IGY. Brother Doumani will return to Washington, D. C. by Christmas 1959.

Hay, Edward, '57, a 2nd Lt., will return to the University of California for graduate work next September.

Connell, Will, '58, Ensign USN, is with the Coast & Geodetic Survey, assigned to the ship *Explorer* at Seattle, Wash.

Wyman, David, '58, is attending the Coast Guard O.C.S. at New London, Conn. and will receive his commission in June, 1959.

ZETA

Johnston, Fred E., '12, is retired. Brother Johnston may be reached at Sallisaw, Oklahoma.

Seger, Ralph L., '14, is vice-president of

- Fidelity Inv. Co. Brother Seger may be reached at 2256 Hope St., Topeka, Kan.
- Bliss, John L.*, '16, is currently president of Universal Filter Co. His address is 12 Windson Lane, Kirkwood 22, Mo.
- Perkins, Lucius J.*, '21, is manager of lamp sales with the General Electric Supply Division of G.E. His address is 140 N. Canton View Dr., Los Angeles 49, Calif.
- Harris, Clarence A.*, '23, is Division Manager of the Kansas Electric Power Co. His address is 1317 Grand, Emporia, Kansas.
- Rose, G. E.*, '24, is Building and Supplies Supt. with S. W. Bell Tel. Co. in Topeka. His address is 1843 Collins, Topeka, Kansas.
- Lawrence, Ray E.*, '25, is with the engineering staff of Black and Veach. He may be reached at 2708 W. 66th St. Kansas City 15, Mo.
- Benz, George R.*, '25, is manager of the Engineering Dept. of Phillips Petroleum Co. and may be reached at 1712 Cherokee, Bartlesville, Okla.
- Rising, Walter G.*, '26, is a production engineer for Douglas Aircraft at the Santa Monica plant. His new address is 5433 Ben Ave., North Hollywood, Calif.
- Oliphant, Howard A.*, '34, is manager of dealer sales for the northwest district of General Electric's Appliance and TV Receiver Division. His address is 4052 94th Avenue, S.E., Mercer Island, Washington.
- Cole, Preston A.*, '36, is chief geologist for the Cities Service Gas Co. His address is 2849 N.W. 21, Oklahoma City, Oklahoma.
- Maloney, J. O.*, '36, is chapter advisor to Zeta. He is professor of Chemical Engineering at the University of Kansas. His address is 830 Missouri, Lawrence, Kansas.
- Boggs, Robert L.*, '27, is Vice-president of Gulf Oil Corporation. His address is 861 Valleyview Rd., Pittsburgh 16, Pa.
- Patterson, William L.*, '27, is principal engineer for Black and Veach, Consulting Engineers. His address is 631 W. 66th Terrace, Kansas City, Mo.
- Hazard, Stuart E.*, '28, is partner with Servis, Van Doren and Hazard. His home is at 1308 College Ave., Topeka, Kansas.
- Hanson, Loring O.*, '28, is a professor of applied mechanics at the University of Wichita. He may be reached at 1528 Yale Blvd., Wichita, Kansas.
- Feil, Louis G.*, '28, is currently the chief of the Engineering Division of the Kansas City district of the Corps of Engineers. His address is 4207 West 69th, Prairie Village 15, Kansas.
- Luff, Wayne E.*, '29, is District Mgr. with Mallinckrodt Chemical Works. Brother Luff may be reached at 15729 Coyle, Detroit 27, Mich.
- Rush, E. H.*, '29, is a development engineer with Shell Oil Co. His address is 5619 Enright Dr., Indianapolis 8, Ind.
- Muller, Lloyd E.*, '29, is director of engineering for the Buick Motor Div. of General Motors. His address is 1301 Maxine Ave., Flint 3, Michigan.
- Kane, Garold A.*, '31, is Executive Vice-president of Northern Ordnance Inc. His home address is 2535 38th Ave. South, Minneapolis 6, Minn.
- Coffman, Irving L.*, '32, is currently an International Consultant with Phillips Petroleum Co. His address is 3508 Woodland Rd., Bartlesville, Oklahoma. There is a second generation of Coffmans at Zeta as Bill's son Don was initiated this spring.
- Bonjour, D. E.*, '32, may be reached at 13146 W. 91st Terrace, Lenexa, Kansas. He is branch chief, construction division, U.S. Army Corps of Engineers.
- Deming, Stephen A.*, '33, is with the Mo. State Hwy. Dept. His address is 4744 Bellevue, K.C. 12, Mo.
- Hansen, Edward P.*, '48, is Application Engineer with the Marley Co. His address is 11402 Calico Lane, Houston 24, Texas.
- Meredith, Robert A.*, '48, is with Lutz and May Co. Brother Meredith's address is 6946 Birch, Prairie Village, Kansas.
- Talty, Robert D.*, '48, is a senior engineer with Chemstrand Corp. His address is 716 Peyton Drive, Pensacola, Florida.
- Hall, James R.*, '54, is with Kansas City Structural Steel. He has two sons, David and Gary. His address is 10813 W. 48 Terrace, Shawnee, Kansas.
- Fine, Donald G.*, '55, may be reached at 5320 Grant Ave., Groves, Texas.
- Johnson, Vernon K.*, '55, is employed by American Standard Steel as a sales engineer. Brother Johnson receives his mail at 6617 Park, Kansas City, Mo.
- Heman, Ivan L.*, '56, may be reached at 5814 Southseas, Houston 21, Texas.
- Brown, David H.*, '57, is currently in Germany with the Armed Services. He may be reached through this address: OLA No. 7 603d ACWRON, APO 57, N. Y., N. Y.
- Franklin, Bill*, '57, has a new title, Production Engineer with the Cities Service Oil Company. Brother Franklin's present address is 1217½ Johnstone, Bartlesville, Oklahoma.

Anderson, Benny A., '57, may be reached at 131 Main St., Honolulu 18, Hawaii.

Dryden, Kerin L., '57, is studying Meteorology at the University of Texas under the Air Force training program. 2nd Lt. Dryden's address until June 1959 is 3200½ Tom Green, Austin 5, Texas.

Robl, Franklin W., '57, is presently employed with Magnolia Petroleum Co. in Great Bend, Kansas. Brother Robl says he is pleased with his situation and location.

Dealy, John M., '58, is currently pursuing graduate study at the University of Michigan at Ann Arbor where he is working on a project involving a nuclear reactor. John is only 35 miles from EB Chapter which he visits.

Hinderliter, R. G., '58, is a member of the technical staff of Bell Telephone Labs. His address is 525 Main, Apt. 6B, Chatham, N. J.

Kirk, Glenn, '58, is currently a graduate student at the University of St. Louis and also a 2nd Lieutenant in the U.S.A.F. His address is 667 W. Canterbury Rd., St. Louis 24, Mo.

THETA

Slover, E. A., '23, is now general manager of the Chino Division of Kennecott Copper Corp., Hurley, New Mexico.

Easton, Maurice, '57, is with the duPont Co., at Niagara Falls, N. Y.

Longworth, Ralph C., '57, is employed by the Carrier Corp. and taking graduate work at Syracuse University.

IOTA

Shrubsall, Arthur E., '33, is with the Linde Co., and lives at 8425 Royal Ave., Niagara Falls, N. Y.

Holtman, Kouis W., '35, is senior engineer, Products Application Department, Shell Oil Co., 624 South Michigan Ave., Chicago, and lives at 909 Helen Drive, Melrose Park, Illinois.

Nickell, Elmer J., '35, is employed by the firm Smith-Hanlon-Zurheide & Levy Inc., and lives at 10232 Bellefontaine Rd., St. Louis 37, Mo.

Taylor, Marshall E., '37, is with West Canadian Petroleum Ltd., 709 8th Ave., West Calgary, Alberta, Canada, and lives there at 2425 30th Ave., S.W., Calgary.

McMath, Robert P., '43, Capt. USA, has been assigned to the USA ROTC, Inst. Gp., XVI U.S. Army Corps (res) University of Colorado, Boulder, Colo.

Weismantel, William, '49, is with Harland Bartholomew & Assoc., Clayton,

Mo., and lives at 8829 Eager Road, Richmond Heights 17, Mo.

Perino, Peter, '50, is with Alleghany Instrument Co. as manager Western Technical Services Division and lives at 11541 Ostrom Ave., Granada Hills, California.

Stegmeier, George, '52, can be addressed at 1500 West 13th St., Apt. D, Austin, Texas.

Miles, John B., '55, is an instructor at the University of Southern Illinois, and can be addressed at Route 1, Carbondale, Ill.

Cruze, Richard L., '55, lives at 751 East Washington, Shreveport, La.

Nyman, R. T., '55, now is at 2670 Parker St., Berkeley 4, Calif.

Heinrich, Guy W., '57, is with the Youngstown Sheet & Tube Co., P. O. Box 7177, Shreveport, La.

LAMBDA

Standiford, G. Blaine, '39, is works engineer for the Columbia-Geneva Works, U. S. Steel Corp., Provo, Utah.

Mayer, Robert C., '48, is taking a U. S. Steel engineering management development course in Pittsburgh, Pa. In July, he will be sent to San Francisco for several months and then he will return to Utah where he will resume his position as Staff Engineer, Blast Furnaces, for Geneva Works, United States Steel. His present address is 424 S. Linden Ave., Pittsburgh 8, Pa.

MU

Moore, Robert Avery, '54, BSEE, has been attending Northwestern University and living at 1114 Grant St., Evanston, Ill. He married Shirley Brunner on December 19, 1956.

NU

Lundgren, Iver H., '33, is now Chief Engineer for Republic Steel Corporation, Warren, Ohio.

Meng, Frederick, '33, is Asst. Supt. of the Seamless Pipe Hot Mills at National Tube Co., Pittsburgh, Pa.

Uffelman, Wilfred R., '33, is district manager of the Bodine Electric Co. in Cleveland, Ohio, and has been 20 years with the company. Home is at 21150 Colby Road, Shaker Heights 22, Ohio.

Hunter, Carlton E., '34, is an instructor at North Carolina State College at the Riddick Lab and his home is at 609 Buck Jones Road, Raleigh, N. C.

Hiller, Austin, '38, supervises the Metallurgical Development Department for Lukens Steel Co. in Coatsville, Pa. Home is at Elmwood Gardens, Apt. B-18, Coatsville, Pa.

Griffith, O. Curtis, Jr., '42, is deputy commander of a tactical reconnaissance group flying RF 101s. He is stationed with the 12th Air Force.

Schwartz, Benjamin L., Jr., '46, is now with Technical Operations Inc. He was formerly Assist. Chief of Systems Engineering Div., Batelle Memorial Institute of Columbus, Ohio.

Seitz, Robert L., '49, is vice president and sales manager for the American Water Softener Co. Inc. of Philadelphia, Pa.

OMICRON

Baker, William, '49, is with Union Oil Company of California and lives at 2151 West Romneya Dr., Anaheim, California. He was married in 1955 and now has two sons.

Grunsky, H. J., '49, is in New Orleans, Louisiana, as manager of component and intermediate distribution sales for the General Electric Apparatus Sales Department. He has six children.

Hudachek, Raymond J., '49, is living at 5 Lomas Cantadas, Orinda, California. He is still with Standard Oil of California and is now on a special assignment as refinery operating representative for the construction of a new 10 million dollar polymer plant.

Hunstad, Norman A., '49, is assistant department head in the Fuels and Lubricants Department, General Motors Research Laboratories. His address is 6281 Little Creek Road, P.O. Box 215, Rochester, Mich.

Kidd, Richard, '49, is with Sandia Corporation in Albuquerque, N.M., and is working in engineering development and design in the field of nuclear ordnance. He has a son 1½ years old. His home address is 709 Dakota, S.E., Albuquerque, New Mexico.

PI

Gilerist, Barth J., '33, is district manager for the Gustin Caon Mfg. Co. in Philadelphia, Pa.

Brown, C. L., Jr., '43, is assistant to the general manager of the American Telephone & Telegraph Co. long lines in Cincinnati, Ohio.

Blackburn, John A., '43, is the owner of the Los Altos Mortgage Co. in Los Altos, California, and lives in Mt. View, Calif.

Milligan, Thos. J., III, '43, is an assistant director of sales of DuPont Electrochemicals Dept. in Wilmington, Del. and lives in West Grove, Pennsylvania.

Calhoun, John W., '48, is a partner in

the law firm of Worthing & Calhoun, Fond du Lac, Wisconsin.

Koegel, John Orren, '48, is with the electronic testing division of the Naval Air Test Center, Patuxent River, Maryland, and lives in Leonardtown, Maryland.

Shriner, V. A., Jr., '48, is now assistant engineer in the System Planning & Research Dept. of the Virginia Electric Power Co. in Richmond, Va.

Yates, John Sellers, '48, is vice president of Marc Wood International Inc. in New York City, and lives in Staten Island.

Parker, John A., '49, is project foreman for American Oil Co. in Yorktown, Va., and lives in Newport News.

Brown, Robert A., '51, is an engineer with Standard Vacuum Oil Co., in White Plains, New York.

Williams, Jesse Ronald, '54, Lt. USN, is now Public Works Officer of the Naval Supply Depot at Newport, Rhode Island.

Harrison, Ralph H., '55, Lt. (jg) USNR whose home is in McLean, Va. is an instructor at the Sausley Field Naval Auxiliary Air Station, Pensacola, Florida.

Kinkead, Sidney, Jr., '55, is manager of the Kinkead-Wilson Motor Co., Inc. in Lexington, Kentucky.

Mayo, John Jesse, Jr., '56, Lt. (jg) USN of Lynchburg, Va., and Miss Dorsey Katherine Davidson were married in Lynchburg on November 29, 1958.

RHO

Rion, M. E., '34, M/Sgt. USAF is stationed at Albany, Georgia.

Stockard, H. J., Jr., '43, is executive secretary of the Carolinas Roofing & Sheet Metal Contractors Association, Raleigh, N. C.

Spruill, A. C., '47, is with Shell Oil Co., New York Div. office, and lives in Garden City, Long Island, New York.

McCann, Charles J., '49, is assistant district sales manager, with the Ford Division's Charlotte district sales office.

Moore, William Holt, '50, lives on Route 2, New Milford, Conn.

Smith, Charles Brown, Jr., '51, is senior engineer in electronics for the Federal Tele-Communications Labs, Division of IT & T Corp., Nutley, N. J. and lives in Clifton, N. J.

Fite, Thomas Campbell, '52, is with Tidewater Construction Co., Norfolk, Va.

Carroll, Joshua V., '56, 1st Lt. USA, Orleans, France, is administrative officer in the Chemical Div. of the U.S. Army Communications Zone, in Europe.

SIGMA

LeMay, Curtis, '32, Gen. USAF, was elected as an alumnus member by the Geo. Washington chapter of Sigma Tau Engineering Honorary Society.

Wolff, Clarence E., '32, is plant manager with Columbia-Southern Chemical Corp., New Martinsville, West Virginia.

Wilkins, Dale L., '46, is with Holmes and Narver, Inc. in Los Angeles, California. His address is 706 W. Elm Ave., Fullerton, California.

Schaaf, Glen D., '49, is senior technical man with B. F. Goodrich Canada Ltd., Welland, Ontario.

Fiscarelli, Antonio, '53, is an electrical engineer with Ohio Bell Telephone Co., Dayton, Ohio.

Floyd, James K., '56, reports the birth of a daughter, Debora Lynn on August 18, 1958. Home is at 1533 South Bundy Drive, Los Angeles, Calif.

Reedy, Donald M., '58, is a management trainee with Eastern Gas & Fuel Associates, Kepperton, West Virginia.

TAU

Banker, Charles F., '49, is now military relations representative with Lockheed Aircraft Corps in Sunnyvale, Calif.

PHI

Mills, Edward, '26, is area engineer, Pennsylvania Ry., at Valparaiso, Indiana.

Smith, Brook L., '26, has completed 30 years of service with Esso Research & Engineering Co. and lives at 230 Parker Road, Elizabeth, N. J.

Carman, James M., '53, is assistant to the Vice President (sales), A. M. Byers Co., Pittsburgh, Pa.

CHI

Coe, P. E., '37, and *Van Loo, H. W.*, '39, formed a partnership as consulting engineers. They can be reached at 605 4th Ave., Yuma, Arizona and 503 Napa Avenue, Wellton, Arizona.

PSI

Ives, King, '54, is out of the service and working for U.S. Vanadium in Bishop, California, where he lives at 163 Moffet Drive.

GAMMA BETA

Glesner, John W., '48, is senior analytical engineer with Solar Aircraft in San Diego, Calif. and lives there at 946 Bangor St., San Diego 6.

DELTA BETA

Cerf, Woodrow W., '40, is in the chemical engineering dept. of the Corn Products Refining Co., Argo, Illinois. Home is at 7531 South Wolcott Ave., Chicago 20, Ill.

Fine, Allan M., '52, is working for the Sandia Corporation in Albuquerque, New Mexico, and home is at 1832 Alvarado Dr. N.E., Albuquerque.

Kastensmidt, Charles F., Jr., '55, has a new address at 8-A Lamara Apts., Savannah, Georgia.

EPSILON BETA

Strahan, Thomas W., Jr., and his wife now reside in Toledo, Ohio, where Tom is employed by the Allied Chemical Company.

Joe: "Gosh, I'd sure like to make your dreams come true!"

Jill: "If you try it I'll slap your face!"

RUMOR

It is rumored that high heels may be abolished in the winter. We are in favor of *all* heels being abolished forever!

ON THE WRONG END!

Sampson used the jawbone of an ass to end a war. In modern times

that weapon is often employed to start one.

Little boy: "Daddy sent me over to borrow your corkscrew."

Neighbor: "Run along home, Billy. I'll bring it right over."

Teacher wrote on the blackboard, "I didn't have no fun at the seaside." She then asked little Johnny, "How should I correct that?"

"Get a boy friend," Johnny replied.

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