

# THE GEAR of THETA TAU

Spring, 1958

Volume XLVII

Number 2



*The* GEAR *of*  
THETA TAU



SPRING, 1958

VOLUME XLVII

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

- ERICH J. SCHRADER, Alpha '05 . . . . . *Counsellor of Theta Tau*  
Box 244, Reno, Nevada  
(Address all Telegrams to 125 West First St., Reno, Nevada)
- A. D. HINCKLEY, Theta '27 . . . . . *Grand Regent*  
90 Morningside Dr., New York 27, N. Y.
- CHARLES W. BRITZBUS, Alpha '33 . . . . . *Grand Vice Regent*  
2440 Franklin Ave., St. Paul 14, Minn.
- ROBERT E. POPE, Zeta '52 . . . . . *Grand Scribe*  
667 West Canterbury Rd., Saint Louis 24, Missouri
- PAUL L. MERCER, Omicron '21 . . . . . *Grand Treasurer*  
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- J. M. DANIELS, Nu Honorary '22 . . . . . *Grand Marshal*  
Carnegie Institute of Technology, Pittsburgh 13, Pa.
- RICHARD LYNCH, Epsilon Beta '53 . . . . . *Grand Inner Guard*  
4367 Berkshire, Detroit 24, Mich.
- WILLIAM K. REY, Mu '45 . . . . . *Grand Outer Guard*  
P. O. Box 664, University, Ala.

## DELEGATE AT LARGE

- JAMISON VAWTER, Zeta '16 . . . . . *Past Grand Regent*  
307 Civil Engineering Hall, University of Illinois, Urbana, Ill.

## REGIONAL REPRESENTATIVES

- William E. Franklin, 617½ South Keeler St., Bartlesville, Oklahoma  
Chester J. Selden, 24831 Crowley Ave., Taylor Center, Michigan  
Palmer Terrell, 805 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.

## SECRETARIES OF ALUMNI ASSOCIATIONS AND CLUBS

- Central Ohio—Dale Bosman, 140 E. Tulane Rd., Columbus, Ohio  
Cleveland—James R. McKinney, 719 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 Turrington, 4111 Rosemary St., Chevy Chase 15, Md.  
Southwestern—Robert L. Houston, University of Arizona, Tucson, Ariz.  
Twis 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 XLVII

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## *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 Mining and Tech.  
(Chapter house) 1405 College Ave., Houghton, Michigan

GAMMA, Established November 8, 1907 - - - Colorado School of Mines  
Theta Tau Fraternity, Colo. School of Mines, Golden, Colo.

DELTA, Established May 23, 1911 - - - Case Institute of Technology  
Theta Tau Box, Case Institute of Technology, Cleveland, Ohio

EPSILON, Established May 4, 1911 - - - - University of California  
Theta Tau Box, Hearst Mining Bldg., Univ. of Calif., Berkeley, Calif.

ZETA, Established April 17, 1912 - - - - University of Kansas  
(Chapter house) 1602 Louisiana Street, Lawrence, Kansas

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  
P. O. Box 553, Salt Lake City 10, Utah

MU, Established January 3, 1922 - - - - University of Alabama  
P. O. Box 5156, 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  
c/o Thornton Hall, University of Virginia, Charlottesville, Va.

## Chapters (Continued)

- RHO, Established February 16, 1924 - N. C. State College 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 128, University Station, Syracuse 10, N. Y.
- UPSILON, Established April 7, 1928 - - - - University of Arkansas  
201 North University, Fayetteville, Arkansas
- PII, Established April 21, 1928 - - - - - Purdue University  
(Chapter house) 416 North Chauncey, West Lafayette, Indiana
- CHI, Established April 23, 1930 - - - - - University of Arizona  
840 E. Fourth St., Tucson, Arizona
- PSI, Established May 7, 1932 - - - - - Montana School of Mines  
c/o Prof. Kochler 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 - George 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  
5451 Third, Detroit 2, Mich.

## MEMBERS OF THE PROFESSIONAL INTERFRATERNITY CONFERENCE



AGRICULTURE, Alpha Zeta. ARCHITECTURE, Alpha Rho Chi. CHEMISTRY, Alpha Chi Sigma. COMMERCE AND BUSINESS ADMINISTRATION, Alpha Kappa Psi, Delta Sigma Pi. DENTISTRY, Alpha Omega, Delta Sigma Delta, Xi Psi Phi, Psi Omega. EDUCATION, Kappa Phi Kappa, Phi Delta Kappa, Phi Epsilon Kappa. ENGINEERING, Theta Tau, Sigma Phi Delta. LAW, Gamma Eta Gamma, Delta Theta Phi, Phi Alpha Delta, Phi Beta Gamma, Phi Delta Phi, Sigma Delta Kappa. MEDICINE, Alpha Kappa Kappa, Nu Sigma Nu, Phi Beta Pi, Phi Chi, Phi Delta Epsilon, Phi Lambda Kappa, Phi Rho Sigma, Theta Kappa Psi. MUSIC, Phi Mu Alpha Sinfonia. PHARMACY, Alpha Zeta Omega, Kappa Psi, Rho Psi Phi, Phi Delta Chi.

## *Executive Council Meets at Minneapolis*

The national officers of Theta Tau met in the new Alpha Chapter house last December 27 and 28 to consider

opportunities. After visiting both northern and southern schools, it was apparent that most northern campuses would



Howe, Rey, Daniels, Ames, Hinckley, Pope, Mercer, Lynch, Britzius

fraternity business and to join with the Twin City Alumni Association at the first dinner served in the house. Present for the occasion were all of the officers, Grand Regent Hinckley, Grand Vice Regent Britzius, Grand Scribe Pope, Grand Treasurer Mercer, Grand Marshal Daniels, Grand Inner Guard Lynch and Grand Outer Guard Rey. In addition, Past Grand Regent Ames and GEAR Editor Howe were on hand to make reports.

Of much interest was the special report by "Deacon" Ames on his tour through several campuses for the purpose of appraising expansion oppor-

be closed to a fraternity with restrictive membership clause.

A highlight of the occasion was the arrival of the Erich Schrader Award Plaque which was placed on the mantel for the officers and Alpha men to view. Its impressive appearance will make it an attractive possession of the winning chapters in the future.

The council discussed various fraternity problems avidly through the waking hours of their time together and the pleasure of using the new Alpha facilities made the meeting a memorable one for all.

### **Three Brothers Transfer**

The following transfers have been reported: Kenneth Lee Leither, Omega No. 425, to Lambda Chapter; John C. Buending, Alpha No. 620, transferred April 9, 1957, affiliated

to Xi Chapter, May 15, 1957; George C. Freshwater, Xi No. 119, transferred December 18, 1956, affiliated to Chi Chapter, April 7, 1957.

## R. G. Glass Completes 14 Years On Professional Interfraternity Conference Executive Committee

Theta Tau was among the 22 Professional Fraternities represented at the March 14-15 biennial meeting of the Professional Interfraternity Con-

ference held at the Deshler-Hilton in Columbus, Ohio. One of the three Theta Tau delegates, Russell G. Glass, prominent Sigma Chapter alumnus, has served continuously in the P. I. C. Executive Committee for 14 years, and was president during 1953-54. Also serving as delegates were A. D. Hinckley, Grand Regent, and Robert E. Pope, Grand Scribe.



Russ Glass

The one and a half days of sessions and banquet program included among other subjects the following: Report of the Committee on Public Relations, Rand P. Hollenback, Phi Delta Chi; Report of the Committee on Copyright Laws, A. A. DiGrazie, Phi Alpha Delta; Judge Frank H. Myers, Chairman, IRAC, Subject: Fraternities, Pro and Con; Dean of Men Mylin A. Ross, Ohio State Univer-

sity, Subject: Fraternity Organizations at Ohio State. During the conference, reference was made to the many services rendered to the objectives of P. I. C. by its past leaders, including those of Professor Jamison Vawter, P. I. C. president, 1932-34, and Past Grand Regent of Theta Tau. Theta Tau delegates took full advantage of the opportunities at Columbus for informal discussion of fraternity operation, extension programs and Alumni relations.

P. I. C. officers, newly installed for the coming biennium include president, Frank H. Eby, Kappa Psi; president elect, Adolor J. Pettit, Phi Delta Phi; vice-president, Rand P. Hollenback, Phi Delta Chi; secretary, J. D. Thomson, Delta Sigma Pi; treasurer, S. G. Applegate, Delta Sigma Delta.

The next biennial meeting is tentatively scheduled for March 19-20, 1960, Hotel Congress, Chicago.



Delegates Pope and Hinckley



## Region Two Conference Held In Minneapolis

Report by JOHN SLADEK

The Regional Conference of Region Two got under way on Friday, March 21, at Alpha's new house in Minneapolis. Despite car troubles, delegates arrived from Zeta, Beta, and Xi chapters.

Brother Bob Nath kicked off the proceedings with a speech on the tribulations and triumphs of Alpha's old pledging program and told of planned improvements. An informal discussion followed, with men from the other chapters describing their own pledging programs and problems.

Brother John Erdos gave a brief, though complete, outline of chapter procedures. Again, brothers from the visiting chapters spoke, each in turn, pointing up the similarities in their respective chapter operations.

Brother Dan Meany then showed a movie on Alpha's old house which was followed by another discussion period dealing with housing problems in general, special emphasis being placed on those of Xi Chapter. Xi does not have a chapter house at this time, and its delegates desired information on starting one.

After a break for luncheon, the conference resumed. Brother Fred Hallberg outlined an ideal Professional Leadership and Development program for each chapter to try to emulate. He

and other brothers outlined their respective present programs concerning this subject. Discussion covered such topics as "professionalism in engineering" and "building a good chapter library."

Alumni associations were the subject of Brother Charles Britzius' speech. Various ways and means and proposals for organizing and keeping in contact with alumni were then offered by the attending delegates.

On Saturday morning a general discussion dealt with the controversial subject of membership requirements. Following this, Brother Jim Ica presented a talk on the Schrader Award and the new plaque that Beta Chapter has designed.

Finally, after a brief adjournment, the Resolutions Committee presented four resolutions concerning finance handling of the National, keeping track of alumni, re-evaluation of points on the Schrader Award, and membership requirements. All were passed unanimously and will be presented to the executive council for consideration.

In closing, Brother Britzius, our national Vice Regent, who acted as both chairman and moderator of the conference, thanked Alpha for its efforts as host for a very successful Regional Conference.

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## Two Brothers Change Names

Official notice is hereby given that the following brothers have changed their names: Elbert Vinson Gutzwiller, Sigma '72, Roll No. 372, has

legally changed his name to Elbert Vinson Goodwillier and Mark Wallace, Xi '48, Roll No. 94, has legally changed his name to Mark Wallace.

## National Officers Visit Sigma



Sigma Regent Duncan, Grand Regent Hinckley,  
Grand Scribe Pope, Sigma Secretary Halsey

On March 14 Grand Regent Hinckley and Grand Scribe Pope made an official visit to Sigma Chapter.

An informal meeting was held in which there was a discussion on the local chapter affairs and also on the fraternity at large. The meeting was most helpful because many questions that had arisen were answered and

also Sigma Chapter members had an opportunity to bring up new ideas and questions.

While they were in Columbus, Brothers Hinckley and Pope also represented Theta Tau at the Biennial Meeting of the Professional Interfraternity Conference which was held on March 14 and 15.

## J. V. Carroll Promoted In France



After being promoted to first lieutenant in Orleans, France, Joshua V. Carroll (right) Rho '56, of Farmville, North Carolina, receives the

silver bars signifying his new rank from Colonel Kenneth Foster, chief of staff of the U. S. Army Communications Zone, Europe. Brother Carroll, son of Mrs. Ellen L. Carroll, is an administrative officer in the Chemical Division of the zone's Headquarters. He entered the Army in September 1956 and was stationed at Fort McClellan, Ala., before arriving for duty in Europe. Brother Carroll graduated from Greenville High School in 1952 and from North Carolina State College in 1956. He is also a member of Tau Beta Pi.

## Beta Chapter Completes Schrader Award Plaque

The Theta Tau Fraternity Erich J. Schrader Award Plaque was completed recently by the men of Beta Chapter. It was presented to Beta Chapter's Adviser, and Michigan Tech's Dean of Students, Doctor Leo F. Duggan on December 14. Doctor Duggan has held the award for display in his office but recently presented it to the Executive Council of

and community activities, and in carrying out the Fraternity's rituals and customs which include the maintenance of high moral standards.

Since the Award was being given in the form of parchments, the men of Beta Chapter decided that something should be done to enhance the award and at the same time give significant recognition to their Brother,



Theta Tau which will administer the Award.

The Schrader Award itself was originated at the National Convention of the Fraternity in 1939 in honor of the Fraternity's founder, Brother Erich J. Schrader. It is presented every two years to the outstanding chapter based on the chapter's demonstrated ability, in academics, in school

Erich J. Schrader. With this in mind, Beta men presented a preliminary design of the Plaque at the 21st Biennial Convention of the Fraternity, December 1956, and the design was approved. During the ensuing year the Plaque was prepared under the direction of Tom Phelan, the project leader, and a former Calumet resident. Advice on the preparation was given by

Brother H. H. Hopkins, Past Grand Regent, Mr. Paul Hainault of the Michigan Tech Pattern Shop and Doctors Corbin Eddy and Roy Drier of the Metallurgical Department.

The sculptured image of Brother Schrader and the hand carved frame were prepared by Mr. Elmer Johnson of Lake Linden, Michigan, from sketches made by Mr. Lorry Leskinen of Mohawk, Michigan. Mr. Clyde Bice of Houghton, Michigan, prepared and attached the copper plates, and these were engraved by Mr. Dick Wieber, also of Houghton.

The completed work stands 33 inches tall and is 30 inches wide, and the outer frame encloses indirect lighting. Just below the sculptured profile of Brother Schrader is a plate carrying the main inscription which reads, "To foster a greater degree of competition in scholarship and efficiency, this award is established in recognition of Founder Erich J. Schrader," and "Prepared for Theta Tau Fraternity by Beta Chapter, December 1917." The outer frame carries small plates

with the winning chapter names engraved. These plates have room to allow the Award to be carried on for at least another 82 years.

The Award this year will be presented by Brother Pope to Chi Chapter. A list of past award winners reads as follows:

Phi	1939
Beta	1941
Beta	1942
Mu	1947
Beta	1948
Upsilon	1950
Sigma	1952
Beta	1954

The only slightly unfavorable words that were heard expressed were those spoken by Beta Chapter's President Irwin Allen. His comment was, "It just seems a shame that this beautiful plaque has to be sent away, (the Award will go to Chi Chapter for the present two year period) but it does mean that we will be working even harder to bring it back to Houghton in 1959."

## Edward Hay Graduates From Infantry School



Army 2d Lt. Edward A. Hay, Epsilon '36, was recently graduated from the 13-week basic officer course at The Infantry School, Fort Benning, Ga. Brother Hay is a 1952 graduate of David Starr Jordan High School and a 1957 graduate of the University of California at Berkeley. He is also a member of Theta Delta Chi fraternity. Before entering the service, Brother Hay was employed by Geophysical Service, Inc.

## Founder Elwin L. Vinal Retires



Brother Vinal (left) congratulated by Captain Zula

—Official U. S. Navy photo

Life begins at 70 for Founder Elwin L. Vinal who retired June 30, 1957 from the Design Division of the District Public Works Office, 13th Naval District.

Brother Vinal, who was the revered senior member of the Design Division staff, made it very clear that he was retiring from his Supervisory Civil Engineer position only. He stated that he planned to continue his colorful and varied civil and mining engineering career by maintaining a consulting office at his home on Mercer Island, Washington. He won't be working all the time though; he has a lot of building and landscaping projects in mind, several hundred books to read, ranging from light fiction to applied sciences and wants to do some drawing and painting. Then, too, he

and his wife, Grace, have 17 grandchildren and 2 great-grand-children, all but four of whom are living in Seattle, who come in for a lot of attention.

Brother Vinal attended the University of Minnesota and the Colorado School of Mines from 1903 to 1907. His long and interesting career has included employment with the Coast and Geodetic Survey and as an engineer for several private Seattle, Washington, firms, and self-employment in the fields of building and property development and as a consulting mining and civil engineer during the course of which he ranged the West Coast territory from California to Alaska, including Idaho and Montana.

At a special ceremony held on

June 28 last year, Brother Vinal was presented with a Bulova self-winding wrist watch by Captain S. P. Zola,

13th Naval District Public Works Officer.

*The Northwest Log*

## Official Communication From The Grand Scribe

March 31, 1958

To: All Members of Theta Tau

It is again with regret that I must inform you of the further events in the matter of Theta Chapter.

In meeting assembled, the Executive Council, in Minneapolis on December 28, 1957, in accord with the Theta Tau By-laws, officially declared the following twelve men to be suspended from membership in Theta Tau fraternity for acting in an unfraternal manner in violation of the oath of membership:

Joseph Vito Porcelli, Jr., Roll No. 578  
Harold Bernard Reisman, Roll No. 579  
John Wesley Adams, Roll No. 617  
David Barker King, Roll No. 622  
Dean Struthers Lodsmell, Roll No. 623  
Riho Melts, Roll No. 624  
John Selton Millar, Roll No. 625  
Seymour Myron Zivan, Roll No. 630  
Joseph Benjamin Hogan, Roll No. 633  
Stewart Pearce Park, Jr., Roll No. 634  
Thomas James Scott, Roll No. 635  
Kenneth Reuben Skivington, Roll No. 636

The first two (Theta Chapter alumni) had jointly submitted letters to the Grand Regent and to the Grand Scribe declaring their desires to resign. The remainder had been Theta Chapter actives prior to November 6, 1957, when these ten voted to dissociate their Chapter from Theta Tau Fraternity.

In each case, the action of the Executive Council was without dissenting vote. These men, together with those suspended by the Executive Council earlier this biennium, will remain suspended until December, 1958, when their cases will be considered by the Convention.

The Executive Council, also without dissenting vote, directed the Grand Regent to contact the Columbia University administration and the two Theta actives who abstained from voting for dissociation, regarding the administration's willingness, and the actives' desire, for the Theta Tau Chapter to remain on the campus. If either of these two endeavors should fail, the Executive Council voted to suspend the charter of Theta Chapter for disloyalty. To date, the University administration has not given an answer in the matter.

The *New York Herald Tribune* for February 10, 1958, reported the recognition on the Columbia campus of a local professional engineering fraternity, "Delta Theta" with a membership of 26 including 15 who were previously in the Theta Tau Chapter there.

In H & T,  
Robert E. Pope  
Grand Scribe

## *The Grand Regent Says*

### THE FUTURE OF THETA TAU: UP OR DOWN?

Down?

There are many influences at work which tend to force Theta Tau down. Some would think of communism or other anti-fraternity movements. I think first of competition. When Theta Tau was founded our Fraternity was a pioneer among the organizations in the college world. We named our competition then as a list of organizations whose general patterns resemble Theta Tau. These are not our competition today. In the colleges today we have the competition of social fraternities, Founder Society student branches, departmental and honorary fraternities, tough engineering courses of study, part-time jobs to meet high education costs, high costs of house operation, and marriage.

How do these affect Theta Tau? In our present chapters the active who does not have at least one or more of these competing influences in his life is a rare bird. These pressures on actives and pledges alike result in a far from adequate rushing and pledging procedure and, after initiation, a far from complete life in Theta Tau. The same influences are at work in any group of students we might hope to organize as a new chapter of Theta Tau.

Up?

What have we that will keep Theta Tau moving up into its position as a leading force in engineering? We begin with us—actives, alumni, Executive Council and national committees. Some of us must overcome that com-



petition and serve as the working nucleus in all our efforts. We must organize each chapter program to the maximum effectiveness within the limited time and effort available. Stress good pledge training—use the new manual sent to all the chapters. Stress efficient chapter operation—use the Officers and Advisers Manual. We must use what alumni strength we can muster to stimulate present chapter interests, and as a nucleus around which to build new chapters.

We have wonderful potential in our present Executive Council, the past council members, our committees and the newly appointed regional representatives. We need more active alumni—and I take this opportunity to ask all alumni to write me—who are willing and able to help in our

national program—to visit present chapters—to visit colleges where chapters might be formed—and especially alumni in college faculties—to help organize a new chapter.

By the time this reaches you it will be a short six months to our 22nd Biennial Convention, December 28-30, in Madison, Wisconsin, with Xi Chapter as host. All of us should start preparing now for the important decisions of the Fraternity, to be considered at the Convention. Chapters—start now in the selection of your

delegate and alternate. They need to start now reviewing the recent Convention discussions and actions which will be a background for coming decisions. Alumni—start now in counselling with your chapters and with your Executive Council about the problems of the Fraternity. And, I repeat to the alumni, write me if you are willing and able to help in our national program.

In H & T,

A. Dexter Hinckley  
Grand Regent

## Pi Host To Regional Conference



1918 Regional Convention, Pi Chapter, University of Virginia, Host.

Pi chapter had the honor and privilege of being host to the Regional Conference on March 21-22. The chapters represented were Rho, Gamma Beta, and Pi. The conference was a great success and all the delegates felt that they had gained a great deal by their participation. The Conference consisted of a luncheon, a meeting with speeches and discussions of a variety of topics concerning the fraternity, and a banquet followed by a party during the evening. Additional discussions were held the following morning. Associate Professor Henry L. Kinnier, our faculty adviser, acted as moderator of the discussions and toastmaster at the banquet. The Gamma Beta Chapter adviser, Professor and Past Grand Regent Norman B.

Ames, was also in attendance and contributed invaluable to the discussion.

Delegates to the conference were as follows: Gamma Beta Chapter—James Cauffman, Woodrow Everett, Robert Knowles, James Lear, John O'Neale, Gerald Renton, Vincent Rider, Raymond Sullivan; Rho Chapter—George Daughtridge, Richard Redwine, Ben Trece.

Speeches, followed by discussions were given by the following: Chapter Operation, Robert L. Thompson, Jr., Pi; Obtaining a Chapter House, Herbert E. McCormack, Jr., Pi; Rushing Procedures, George C. Davies, Pi; Campus Contribution, Richard Redwine, Rho; and, Leadership, George Daughtridge, Rho.



## K. J. Duncan, Alpha '10, Gets Achievement Award



Kenneth J. Duncan, Alpha '10, Duluth, Minnesota, iron mining engineer and executive, received the University of Minnesota's Outstanding Achievement Award from Richard L. Griggs (right), University regent from Duluth. Beginning his mining career in Ely, Brother Duncan became associated with Pickands Mather and Co. in 1919. He was named manager

of ore mines for the company in 1952, a position he held until his retirement in 1954. Always an active participant in community affairs, Brother Duncan was selected a member of Duluth's Hall of Fame for 1956. The OAA presentation was made at the 1958 University of Minnesota annual mining symposium in Duluth.

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## K. A. Ellison To Drill In Oklahoma Field

Kenneth A. Ellison, Iota '25, of Kenneth A. Ellison & Associates, independent oil operators, of Oklahoma City, Oklahoma, is preparing to combine with three oil companies in a drilling operation in the Anadarko Basin of Oklahoma. They plan to go

24,000 feet in search of Ordovician pay in Oklahoma's biggest unproductive structure—the Fort Cobb anticline.

Brother Ellison, who for months has spearheaded the giant operation, earlier this year estimated the test would

cost from \$1,500,000 to \$2,000,000. If the well goes to its objective, it would be even deeper than the world's record hole drilled to 22,750 ft. by Richardson & Bass, near Port Sulphur, Louisiana.

This anticline is one of the most in-

teresting structures in the basin and is generally regarded as its largest positive feature, and has been the scene of previous attempts to develop deep production.

MSM Alumnus

## Harry Kolb Named to Esso Research Post



Harry D. Kolb, Nu '32, has been named manager of a newly consolidated research division of Esso Standard Oil Company. In his new post, Brother Kolb heads a division which has been set up in the company's New

York headquarters to combine various research activities within the organization.

Brother Kolb has been with Esso since 1934. During the war years he served as a lieutenant colonel in the Air Force. He received the Legion of Merit for his work in civilian training and as head of the Air Force School of Personnel Management. After the war, he spent seven years as assistant manager of Esso's training division and helped organize the Esso Training Center. In 1952 he set up and headed Esso's employee communication division in New York. Before his recent appointment he was on a special assignment in the employee relations department.

Brother Kolb is married to the former Mary C. McKeon and resides at 36 Kenwood Road, Garden City, New York.

Carnegie Alumnus

## David G. Robertson Granted Superior Achievement Award

One of the largest Superior Achievement Awards to be granted to an employee of the Headquarters of the Thirteenth Naval District, Seattle, Washington, went last year to David G. Robertson, Omega '46, Electronics Engineer for the Naval Communica-

tions Station, Seattle. In presenting Brother Robertson with a check to cover the \$300 award, Commander F. R. Hoepfner, Commanding Officer of the Station, explained that Brother Robertson's initiative, hard work, and intensive knowledge of high power

generation was responsible for saving the Naval Radio Station at Jim Creek, Washington, \$1,000 a month in cost of power furnished by Bonneville Dam.

During a major extension of the facilities at Jim Creek Brother Robertson suggested a revision in the plans which resulted in the savings mentioned above. In addition, he suggested a number of other improvements and additions to the plans which not only saved money but in one instance corrected a deficiency which might have caused serious damage had it not been discovered. The assistance he rendered in connection with the Communica-



tions Station, and in many instances involved long hours of uncompensated overtime.

*13th Naval District Employee Bulletin*

## J. J. Rados Advances



John J. Rados, Phi '49, is now superintendent of the Merchant Mills, Gary Steel Works, Gary, Indiana. Following high school graduation he worked in the company and joined the Army in 1943. After completing his tour of duty, Brother Rados entered Purdue and, upon receiving his degree, he became test engineer at the Steel Works. In 1954 he was named assistant general foreman, maintenance division electrical shop. The Rados family lives at 4216 Pennsylvania St., Gary, Indiana.

*Purdue Alumnus*

## Russell Fish Promoted

Announcement was made recently by the board of directors of the M. A. Hanna Co., Cleveland, Ohio, of the appointment of Russell Fish, Delta '22, as vice president of the firm. He has been associated with the Hanna mining operations since his graduation from Case Institute.

*Case Alumnus*



## Dean Emeritus Thomas G. Chapman Honored At Arizona



Dr. Thomas G. Chapman, Hon. Chi, Dean Emeritus of the Arizona College of Mines, was chosen for

special honors at their Homecoming. The establishment of the Chapman scholarships as one of the Alumni Association Scholarships was announced at the All Alumni luncheon by Albert C. Rubel, president of the Union Oil Company. Plans for the Chapman Scholarships were started last June by a committee of alumni headed by Alfred T. Barr, who is general manager of the New Cornelia branch of Phelps Dodge. A goal of \$10,000 was set for the scholarships honoring Chapman and so far about \$6,000 has been raised. Brother Chapman has been with the University of Arizona for 40 years and was Dean of the College of Mines from its beginning in 1940 until 1956 when he retired to part time status. A testimonial dinner was given Brother Chapman last fall.

Arizona Alumnus

## Frank Wagner Named "Man of the Month"

Frank L. Wagner, Nu '26, was named "Man of the Month" by BUSINESS AND INDUSTRY in the June issue of the magazine. An industrial executive who devotes much of his time and energy to civic affairs, Brother Wagner is president of the Dubuque (Iowa) Container Co. division of St. Regis Container Co. He is past president of Finley Hospital, Dubuque Chamber of Commerce, Citizen's Committee for Flood Control, Knife and Fork Club, was vice chairman of Community Chest and has been active in Dubuque's new industrial district program.

Carnegie Alumnus



## John Theobald, Theta '27, A Three-Career Man

John Jacob Theobald, Theta '27, who was elected superintendent of schools in New York last December, could easily pursue a career in any one of three fields—government, civil engineering or education. As a matter of fact, he has done just that—as deputy mayor of New York for the last two years, as consulting engineer for the New Deal's Work Projects Administration, and as student, teacher, and college president for the last twenty-six years.

Brother Theobald, who is fifty-three, has a reputation around Columbia University as the man who has won the most degrees from the University in its 203-year history. He has five, including an honorary LL.D. he received in 1914. His first degree was an A.B., received in 1925, and was followed by a B.S. and a C.E. In 1935 he received his Ph.D. His doctorate of philosophy, surprisingly, is in political science. "It's not supposed to happen," he says, "combining engineering and political science, but I did it."

At Queens College, which Brother Theobald has headed since 1949, he is remembered not only as a crackjack administrator, but also as track coach and with his wife, star tango and Charleston dancer at student affairs. When he became president, the municipal college had no track coach. Dr. Theobald, who had been a collegiate track man and swimmer, undertook the training of the team. He kept on until a coach was hired in 1954, then stayed on as assistant coach. Now, he says with regret, "I only get to walk a mile a day at most."

At City Hall, Dr. Theobald's



maroon-draped office has been the scene of conferences on everything from the move of the Brooklyn Dodgers to Los Angeles, to the Lincoln Square project, to the subway strike, to the problem of integration in the city's schools.

Brother Theobald was born Sept. 8, 1904, in New York City. He was brought up in an atmosphere steeped with the importance of teaching and teachers. His father, Dr. Jacob Theobald, was a teacher, principal, and finally assistant superintendent of schools for a period stretching over fifty years. Although John Theobald never taught in public schools, he has an inbred respect for those who do.

The new superintendent did teach in higher education, beginning in 1926 as a mathematics instructor at City College of New York. By 1949, he was a full professor of engineering at CCNY and had served three years as the college's dean of administration. He is still an adjunct professor in Columbia's School of Engineering.

It was at Columbia that Brother Theobald met his wife, the former Mary Murphy. They were married in 1928 and have two sons, Thomas John, 27, who is in his last year at Columbia's College of Physicians and Surgeons, and John Lasher, who is a sophomore in a Brooklyn high school.

The Theobald family has an official residence in Jackson Heights, Queens, but spends more time at home in Port Washington, L. I. There Brother

Theobald has been rebuilding and re-decorating the house, as he is an amateur cabinet maker. His other hobbies include fishing and playing the violin. He enjoys an occasional cocktail, but he gave up smoking four years ago. "I found I was on my fifth pack one afternoon, with the evening still to go," he recalls. "So I threw the pack in the ash can. I miss it, but," he says firmly, "it had to be done."

*New York Herald Tribune*

## Waldo G. Bowman Elected Veep In ASCE



Waldo G. Bowman, Zeta '23, presently editor of the *Engineering News-Record*, was elected last fall to a vice presidency in the American Society of Civil Engineers. Brother Bowman graduated in civil engineering from the University of Kansas and did postgraduate work at the Harvard Graduate School of Business Admin-

istration. Structural engineering design and steel erection work with the Chicago Bridge and Iron Works and the Boston Bridge Works preceded his joining the editorial staff of *Engineering News-Record* in 1925. He has been editor-in-chief since 1940.

A distinguished editor and writer, Brother Bowman has traveled extensively throughout the United States and all over the world on construction writing and observation assignments. In 1947 he was a member of a group sent to Germany by Secretary of War Patterson to study U. S. occupation progress.

Brother Bowman's association with ASCE began in his college days when he was, first, secretary, and then president of the Student Chapter at the University of Kansas. He served on the Board of Direction, 1949-1951, and has been active in Metropolitan Section affairs.

*Civil Engineering*

## Morley Melden, Delta '48, Becomes Editor

The new editor of *Monthly Operating Notes*, an employees' publication for the American Gas and Electric

Service Corp., New York, N. Y., is Morley G. Melden, Delta '48.

While at Case Institute, Brother

Melden was editor of the *Case Tech* and a member of Eta Kappa Nu and Tau Beta Pi as well as Theta Tau. He received his degree in electrical engineering in 1948.

Between semesters, he worked for several months as industrial lighting specialist with the Cleveland Electric Illuminating Co. After graduation he joined the Picker X-Ray Corp., Cleveland, as an engineer and designer.

In 1953 Brother Melden moved to New York, N. Y., where he joined the

McGraw-Hill Publishing Co. as an associate editor of *Factory Management and Maintenance* magazine. For the past year he has been doing private consulting work in the advertising, public relations, and factory-management fields.

Melden is co-author of the new McGraw-Hill book, *Practical Automation—Methods for Increasing Plant Productivity* and a contributor to the *Industrial Engineering Handbook*.

Case Alumnus

## G. D. Winans Gets The Job Done For USBM

Since July, 1955, Brother George Daniel Winans, Psi '41, has been employed by the Health and Safety Branch of the U. S. Bureau of Mines, with headquarters at Federal Center, Denver, Colorado. His title is mining, health and safety engineer and his district covers the eleven Western states, where he conducts surveys of ventilating systems of underground mines.

Brother Winans was graduated from the Montana School of Mines, Butte, Montana, in 1942, where he received his B.S. degree in mining engineering. After his graduation from Montana Mines he entered the United States Navy as an officer during World War II. Following his honorable discharge from the Navy, Brother Winans and three alumni mining engineers set up a consulting service to serve the mining and allied industries. Later he was employed as a mining engineer, shifter, foreman,



superintendent, and manager of mines situated in the United States and Canada.

Brother Winans is now married and resides with his wife and son at 2908 South Lowell Blvd., Denver 19, Colorado.

While a farm girl was milking a cow, a bull tore across the meadow toward her. The girl did not stir, but continued milking the cow. Observers who had run to safety saw the bull

stop dead within a few steps of the girl, turn around and walk softly away. "Weren't you afraid?" they asked. "No," replied the girl, "this cow is his mother-in-law."

## Jim Harder and Archie Slaughter, Omegas, Move Up At Homestake



Jim Harder

James O. Harder, Omega '31, after serving as assistant to the General Manager since July, has been named General Manager of the Homestake Mining Company's Lead City Gold Mine. His previous position of Chief Geologist has been filled by Archibald L. Slaughter, Omega '33.

Brother Harder, who started his service record with the Homestake in

1928, when he was employed during vacation periods from college, was hired as a geologist department helper in 1932 and was promoted to the post of geologist ten years later. During World War II, he worked for Homestake at Montpelier, Idaho, and served for a short time with the U. S. Geological Survey at Washington, D. C.

Brother Slaughter, who started with the company in 1933, was transferred to his new position in Lead City from the Homestake operations in Grants, New Mexico, where he had been for some time.



Archie Slaughter

*The Hardrock*



General View of Homestake Mine



## Sigurd Eliassen, Alpha '18, Author of "Dragon Wang's River"

China—one of the oldest civilizations of our times—contains very few traces of antiquity and many fewer than most people think, according to the Norwegian author of *Dragon Wang's River*, published last year by the John Day Company of New York.

Sigurd Eliassen, Alpha '18, whose home is in Oslo, believes that not only the Great Wall but also most all of China has been destroyed and rebuilt many times. In a letter to the editors of *Gopher Grad*, the Minnesota Alumni Magazine, who asked Eliassen for the personal observations underlying his statement that "nothing goes back very far, only a few hundred years," the author replied:

"China's history, as you know, is one long tale of destructive wars, either expansive, defensive, or civil. So when one remembers that clay and wood have been China's chief building materials, then it becomes understandable that not so much remains from olden times, even considering the size of the country.

"What we think of as the old indestructible wall of China . . . was not built at one time. It was started by the book-burning emperor Ch'in Shih Huang (221-206 B.C.) and continued off and on by other emperors, whenever China was threatened by invasion from the north. The wall we see near Peking is not the first emperor's wall. If I am not mistaken, it was built 700 years later, destroyed afterward and again rebuilt by Ming emperors in the 16th century.

"And more than what was on the ground was destroyed. Even the



graves were robbed—the rulers themselves led the way."

Among the few traces of ancient civilization, Eliassen (who traveled most of North China on foot while building the canal which is the subject of his book) said:

"I have seen a beautiful stone arch bridge—high and dry because the river left it—built in the Sui dynasty (589-618 A.D.). The famous Marco Polo bridge near Peking apparently was built during the same period."

In *Dragon Wang's River*, Eliassen sums up his feeling on Chinese antiquity by writing "Give me Athens and ancient Rome. There's something left there."

*Dragon Wang's River* (\$4.00) is a story of comedy and frustration, an offshoot of Eliassen's project to irrigate the entire Chinese province of Shensi by building a giant canal.

The engineering problems of the assignment, although tremendous,

were minor by comparison to the complications from the Chinese people he was trying to help. For example, the farmers of the high plateaus threatened to wage war if the "Great Foreigner" did not give them water, also—a matter which would involve building a dam 300 feet high and digging a tunnel one and a half miles long through a mountain. At the same time, the engineer was warned by the lowland farmers that his engineering had to comply with the humor of the spirits: that he could not cut his canal in a straight line because the river spirits would be angered. The route of the spirits, the Chinese warned, was a meandering one and to disrupt their course would bring disaster on everyone concerned.

The engineer's efforts were further hampered by a beautiful but political-

ly ambitious Chinese lady, whose wicked and grasping son did not stop at murder in his attempt to prevent completion of the canal.

There were also floods, epidemics, bandits and guerilla soldiers before the project, begun in about 1933, was completed four years later. His thousands of Chinese laborers, some of whom lost their legs in the cold even before they began the job, had made the excavation by hand with pick and shovel, carrying the million cubic yards of earth and stone in woven baskets up narrow steps chipped out of the vertical walls of the canal.

In the end, the thirsty plains were green again—a miracle, the author found, which was the result of modern engineering methods and the wisdom of ancient China.

*The Gopher Grad*

## Armstrong Names W. F. Kaufman Product Planning Manager



Walter F. Kaufman, Nu '24, has been appointed general manager of

New Product Planning of the Armstrong Cork Co., Lancaster, Pa. He will continue as assistant secretary of the company and serve as general manager of the Patent Law Department in connection with his responsibilities in the new product development program. Brother Kaufman has been a member of the Armstrong company since 1927 and during his early years pioneered the development of the firm's patent operations. He has served as head of the Legal Department since 1943 and was elected assistant secretary in 1945. Besides his Carnegie Tech degree, Brother Kaufman holds a law degree from Duquesne University.

*Carnegie Alumnus*

## Ed Nuckolls "Outstanding Senior" At N. C. State

Edward W. Nuckolls, Rho '48, was named "Outstanding Senior in Engineering" at North Carolina State College this spring out of a class of 425 engineering seniors.

The announcement of the top honor was made by Dr. J. Harold Lampe, dean of engineering, during the intermission period at the annual St. Patrick's Dance for engineering students, faculty and their guests.

Dean Lampe presented Brother Nuckolls with an engraved pocket watch in recognition of his "outstanding scholastic achievements and student activities."

He told the award winner that he has "distinguished himself as a gentleman and a scholar, in addition to making outstanding contributions as a leader in both student and community activities."

"Your sincerity, your loyalty, and your helpfulness toward the College and your fellow students have inspired the genuine respect and affection of both staff and students," said Dean Lampe. "Your excellent work and contributions make you most worthy to receive this meritorious award."

Brother Nuckolls, who is receiving B.S. degrees this June in both industrial engineering and in engineering physics, has a grade point average of 3.81 out of a possible 4.00. On the Dean's List for the last three years, he is a member of the Engineering Honors Program which allows superior students more freedom in course selection.

Last year he was the holder of the National Carbon Engineering Scholarship Award.



In addition to his noteworthy academic record, Nuckolls has been a leader in several campus groups and highly-active in extra-curricular events.

During the current year he has served as president of the Engineers' Council, the student government organization of the School of Engineering; and as president of the Student Branch of the American Institute of Industrial Engineers.

Last year he was president of Alpha Pi Mu, industrial engineering honor society; secretary of the Student Branch of the AIIE; treasurer of the Engineers' Council; advisory board member for the Southern Engineer, school magazine; and president of the North Carolina State College Young Republicans Club.

In addition to Theta Tau, Brother Nuckolls belongs to Tau Beta Pi; Phi Kappa Phi, technical school honor society; Sigma Pi Sigma, physics honor society; Golden Chain, senior leadership honor fraternity; Blue Key, junior leadership honor fraternity; Phi Eta Sigma, freshman honor fraternity; and the American Institute of Physics.

For his academic record, he received the Phi Kappa Phi Honors Award, and in recognition of his

engineering leadership, he was named Knight of the Order of St. Patrick.

The Award winner is the son of Mr. and Mrs. H. A. Nuckolls of Hendersonville, North Carolina. After graduating from Hendersonville High and before entering State College in 1954, Brother Nuckolls served four years in the United States Air Force.

He is married to the former Betty Jo Brown of Hendersonville and they have a two-month-old son.

## E. C. Hartmann Shares ASCE Prize



Ernest C. Hartmann, Kappa '24, was honored last fall by the American Society of Civil Engineers for his part in the preparation of a joint paper on "Design of Aluminum Alloy Beam-Columns" which received the Thomas Fitch Rowland Prize of the Society. Brother Hartmann was with Aluminum Research Laboratories for 26 years as research engineer and chief of the Engineering Design Division. At present he is assistant director of research for the Aluminum Company of America.

Brother Hartmann is no stranger to ASCE prizes, having won the J. James R. Croes Medal in 1938.

*Civil Engineering.*

## J. H. Nelson, Upsilon '32, Cited For Award By Coast Survey

Secretary of Commerce Weeks cited Brother James H. Nelson, Upsilon '32, of the Coast Survey, for an award at the Tenth Annual Honor Awards presentation in the Department of Commerce Auditorium on Feb. 12, 1938.

Brother Nelson's citation read as

follows: "For exceptionally significant technical leadership and inventive accomplishments having far-reaching effect upon the geomagnetic activities of the Coast and Geodetic Survey, and on the national and international relationships of the United States Department of Commerce."

Brother Nelson was born in Shreveport, Louisiana, and received his B.S. in E.E. from the University of Arkansas in 1932. In 1933, he received his M.S. degree from Texas A & M where he taught physics for two years. He went to work for the Coast and Geodetic Survey in 1936 as a junior mathematician and in 1942 was assigned to the field as assistant magnetic and seismological observer. From 1946 to 1950 he was stationed at the Tucson Magnetic Observatory and then transferred to the Sitka Magnetic Observatory. In 1951, he was reassigned to Washington, D. C. in the Geomagnetism Branch of which he is now chief.

Throughout his career, Brother Nelson has made outstanding contributions to the geomagnetic and seismological programs of the Coast Survey. In 1957 he made trips to Alaska, Japan, Guam and Koror, Hawaii, Copenhagen and London representing the Coast and Geodetic Survey. He attended the 11th General Assembly of the International Union of Geodesy and Geophysics held in Toronto, Canada, in September, 1957 and is the United States member of the Committee on Rapid Variations and Earth Currents of the International Association of Geomagnetism and Aeronomy which met in Denmark last April.

His outstanding achievement in the Bureau was the development of the



Differential Magnetograph, particularly significant as a contribution to the geomagnetic program of the International Geophysical Year. He is a well-known author in the field of geomagnetism and has to his credit many papers and scientific reports. The National Academy of Sciences has appointed him Scientific Director of numerous projects of the United States program in geomagnetism to be carried out during the International Geophysical Year.

Coast and Geodetic Survey  
*Personnel Panorama*

#### QUOTES:

Middle age is when you're sitting home on Saturday night, the telephone rings—and you hope it isn't for you.

A girl who looks like a dream usually gives a man insomnia.

You have reached middle age when your wife tells you to pull in your stomach and you already have.

You can't keep both yourself and your business in a liquid condition.

Growing old doesn't seem so bad when you consider the alternative.

## Daniel House Made Colonel In Engineer Reserve



Daniel Murray House, Rho '33, was recently promoted to full Colonel in the United States Army Reserve, Corps of Engineers.

Colonel House began his military career in Greenville, N. C., while in Greenville High School. He served, as a teenager, under Captain J. Con Lamer and Captain Herbert Waldrop, Sr., who were Commanding Officers of the Greenville Battery of the 113th Field Artillery in the late 1920's and early 1930's.

He continued his military education while attending N. C. State College from 1929 to 1933 where he graduated with high honors in electrical engineering. During his senior year at State he was the Cadet Major of the First Battalion and, therefore, one of the four ranking cadets in the ROTC regiment.

Immediately after graduation he aligned himself with the U. S. Army Reserve. He was called to active duty

in August, 1940, as a 1st Lt. in the Corps of Engineers. While serving in the Aleutians and participating in the Aleutian Campaign, Brother House conceived or gave birth to the idea of the Army having its own broadcasting stations with low power to entertain all the troops in the various services—the Navy, Marines, and the Air Corps included with the Army. He brought the idea to fruition at Kodiak, Alaska, in 1941, with the approval of General Simon Bolivar Buckner, Commanding General of the Alaska Defense Command at the time. This created quite a controversy between the Federal Communications Commission and the various branches of the service that were to benefit from the establishment of such entertainment broadcasting stations all over the world. It was shortly resolved when the late President Franklin Delano Roosevelt injected himself into the matter. Thus, from the idea and establishment of the first Army entertainment station by Brother House, grew the vast organization still known as the Armed Forces Radio Service.

After the Aleutian Campaign was concluded, Brother House was called or transferred to Hollywood to serve on the staff of the newly formed organization. He returned to Alaska for four months to supervise the construction of twenty-two of these broadcasting stations.

While in Hollywood he served under Col. Tom Lewis, who commanded the Armed Forces Radio Service. Col. Lewis was and is the husband of Lotetta Young—now of LewisLor Productions in the television industry. Brother House worked with such personalities as Dennis Day, Mel

Allen, Bob LeMond, Elliott Lewis, Howard Duff, William Conrad and many others.

His military career continued in the active reserve after he was released from active duty in 1946. His service and associations in World War II completely changed his profession from that of electrical engineering to his now twelve year association with the president of Columbia Broadcasting System in various enterprises.

Brother House resides at 184 Forest Drive, Oak Park, Jeffersonville, Indiana, with his wife, a former show-business personality of stage, radio and television and a five-year-old daughter. He commands the 387th Engineer Construction Group which consists of four battalions and two separate companies. The personnel of the units under his command are scattered from Huntington, W. Va., and Cincinnati, Ohio, areas to south-

western Kentucky. He has a combined total of twenty-six years service in the Reserves and on active duty.

Brother House has a long record of other accomplishments in various civil organizations, being a past president of one of the twenty largest Kiwanis Clubs in the United States, at Louisville, Kentucky; a member of the Board of Directors of the Deaf Oral School for Indiana and Kentucky; a past president of the Pastime Boat Club; and the Sportsboosters organization in Louisville. Included in his numerous other accomplishments and efforts is the sponsorship of a professional football game each fall in behalf of Kiwanis Charities and Underprivileged Children projects. He is a member of the National Sales Executives Council, Reserve Officer's Association and U. S. Army Officer's Association.

## W. J. Peterson Heads Design Engineers for Division of Pratt & Whitney

W. Jerome Peterson, Nu '37, has been appointed chief design engineer for the Chandler-Evans division of Pratt & Whitney Co., Inc. In his new post with the division, a leading manufacturer of aircraft accessories, Brother Peterson will have overall responsibility for the design and drafting department, and for the preparation and maintenance of design and drafting standards. He came to Chandler-Evans as a project engineer in 1954 from the Propeller Division of Curtiss-Wright Corp. He was named chief pump engineer in 1955. Brother and Mrs. Peterson reside at 19 Wilton Rd., Windsor, Conn., with their two children.

*Carnegie Alumnus*



## Dr. L. V. Berkner, Alpha '27, Hits Cloak and Dagger Act

Dr. Lloyd V. Berkner, Alpha '27, who oversees much defense-ordered scientific research, said recently that he is "afraid that some day we may have to fight a war with pieces of paper marked 'secret' instead of weapons and men ready to fight."

Brother Berkner told inquiring congressmen that 90 per cent of the scientific information now kept secret by the government should not be. He said excessive secrecy slows down military scientific progress and adds immensely to its cost.

Asked for examples, Brother Berkner, who is president of the Associated Universities, Inc., said that principles behind a new communications system were kept secret for a year and a half and that development of the Dew Line—the early warning system against polar attacks—was accordingly delayed.

Saying greater use could be made of discoveries of Soviet savants, Brother Berkner said the Soviet Union has budgeted 4½ billion dollars for research and "to the extent we can use their results, this represents a savings for us."

The cost of translating and distributing published Soviet findings, he said, would be tiny compared with the research cost itself.

And he said the Soviets are well along in the business of translating and using other countries' scientific information, with a heavily financed Soviet Institute of Scientific Information doing the work.

Brother Berkner and his questioners ran into security difficulties themselves when the scientist was pressed to make specific recommendations as to what kind of information should be taken out of secrecy restrictions and what government agencies were over-classifying material for security.

Brother Berkner said he couldn't give specific examples of information that should be kept secret because the information itself is so highly classified. Members accepted this explanation without comment, but laughed later when he said he could not name certain government agencies which he said were translating scientific material openly available abroad and stamping the translations secret.

"I never knew we had agencies so secret they couldn't be named," commented Rep. Fascell (D. Fla.).

Brother Berkner said the agencies themselves are well known but the fact that they are translating certain material is a security matter.

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## Frank Black Promoted

Frank S. Black, Jr., Pi '56, recently was promoted to first lieutenant at Fort Belvoir, Va., where he is a weapons instructor with the Department of Military Art.

Brother Black graduated from

Robert E. Lee High School in Staunton, Va., in 1952 and from the University of Virginia in July 1956 before entering the Army. His parents reside at 408 College Circle, Staunton.



## James Kelly Elected to Young Presidents Organization

James F. Kelly, Rho '43, President of Aeroglise Corporation, has been elected to membership in the Young Presidents' Organization. This group is an international non-political business association made up of some 1200 members throughout the United States, Canada and Alaska. Among other requirements for membership are that an individual prior to his 40th birthday, shall become president of a company doing an annual volume in excess of one million dollars. The company must also employ at least 50 persons. A prime purpose of the organization is a series of seminars and schools held on both a sectional and national basis in which the members can meet and discuss problems of mutual interest.

Brother Kelly, 34, was elected President of the Aeroglise Corporation in November, 1956. A 1943 graduate of North Carolina State College with a B.S. degree in civil engineering, he worked until 1946 in Charleston Navy Yard as a Naval Architect. He joined Aeroglise Corporation in 1946 and has held the positions of Sales Engineer, Chief Engineer, Vice President, and President. A registered professional engineer, he holds membership in several technical societies including the American



Society of Civil Engineers, American Society of Agricultural Engineers, and National Society of Professional Engineers. He is a member of the Hayes-Barton Methodist Church, Raleigh Lions Club, Raleigh Country Club, Board of Directors of the North Carolina State Alumni Association, Board of Directors of Cerlist Diesel, Inc., Board of Directors of Aeroglise Corporation and Board of Directors of Broadus Wilson Corporation.

A book agent came to sell one of the farmer-merchant-bankers here in Iowa a set of books on scientific agriculture. The old man thumbed through the books and said "No, I don't want to buy them."

"You should buy them," said the book agent, "because if you did you

would know how to farm twice as well as you do now."

"Heck, son," replied the old man, "I don't farm half as good as I know how now."

No opportunity is ever lost—the other fellow takes those you've missed.

## South Dakota Mines Alumni Elect C. W. Rand Vice-President

Charles Wilbur Rand, Omega '40, has been elected vice-president of the South Dakota School of Mines Alumni Association.

Brother Rand is owner of the Rand Construction Company, with headquarters in Rapid City, South Dakota. In addition to this company, which he started in 1946, he is part owner and Vice-President of Dilly Construction Company, Inc., incorporated in 1953. He is also President of Rand-Dilly, Inc., of Newcastle, Wyoming, and a partner in Robbinsdale Recreation Bowling Center, Rapid City. He is one of the eight directors of Associated General Contractors of South Dakota.

Brother Rand's main line in construction is bridges, grading, excavation and paving and he bids in South Dakota, Montana, Wyoming and North Dakota. His Cessna 170 is a big time saver in covering the four-state area and Brother Rand has

logged 1200 flying hours in the past six years.

Since graduation, Brother Rand has been employed for a year with the South Dakota Highway Department, one and one-half years with the Illinois Highway Department, and four years with the U. S. Navy as Anti-Submarine Warfare Specialist with duties in both the Atlantic and Pacific Oceans. He was placed on inactive duty in December 1945, as Lt. Comdr. USNR. A month later he started the Rand Construction Company.

Brother Rand had seven years of engineering and construction work experience with the State Highway Department, and the U. S. Government before his graduation from the S. D. School of Mines.

Brother Rand lives at 225 Franklin St., Rapid City, with his wife, Louise, and three children: Marva Lee—sophomore in high school, Richard 10, and Gary 8.

*The Hardrock*

## Comdr. N. W. Deems, Delta '41, Completes Alaska School

Navy Commander Nyal W. Deems, Delta '41, son of Mr. and Mrs. Wilbert L. Deems, 1893 Wymore Ave., East Cleveland, Ohio, recently was graduated from the Army's Cold Weather and Mountain School at Fort Greeley, Alaska.

Commander Deems is regularly stationed in San Diego, Calif., as project management officer of the District

Public Works Office. He entered the Navy in 1941 and was last stationed in the Philippines.

The commander is a graduate of Galion High School and a 1941 graduate of Case Institute of Technology. He is also a member of Tau Beta Pi and Beta Theta Pi fraternities. His wife, Octavia, lives in San Diego.

The Lord gave us two ends to use  
One to think with, one to sit on,

It all depends on which you choose,  
Heads you win and tails you lose.

## Chemical Award Goes To DuBois Eastman

DuBois Eastman, Epsilon '28, is the recipient of the 1958 American Chemical Society award in industrial engineering chemistry. Brother Eastman has been experimenting with new ways to produce gasoline.

At present, Brother Eastman is director of The Texas Company's research laboratories at Montebello, California. He has been with the Texas Co. since his graduation from the University of California in 1928. Since that time and prior to assuming his present position, he held the post of Director of Cracking Research from 1936 to 1942 and was appointed Assistant Director of Research in 1944.

Brother Eastman married Beatrice Crosby in 1929 and they now have



two daughters and one son. They are now residing in Whittier, California.

Mark Twain once edited a newspaper in Missouri. One of the paper's subscribers wrote that he had found a spider in his paper and wanted to know if this meant good luck or bad luck for him.

Twain answered like this: "Old Subscriber: Finding a spider in your paper was neither good luck or bad luck for you. The spider was merely looking over the paper to see which merchants do not advertise so that he can go to the store, spin his web across the door and live a life of undisturbed peace ever afterward."

Vacationing motorist (to farmer): How far is it to the next filling station?

Farmer: Nigh onto two miles as the crow flies.

Motorist: Well, how far is it if the crow has to walk and roll a flat tire?"

A motorist stopped his car and went up to the old farmer sitting on a fence beside the road.

"What highway is this?" he asked the farmer.

"I dunno."

"Well, could you tell me how to get to the next town?"

"No, don't believe I could."

"Well, maybe you could tell me how far it is to a town?"

"Guess maybe I don't know that either."

"You don't know anything, do you?"

"Wa-al," drawled the farmer, "I ain't lost."

Major Covell: "Jones, why didn't you salute me yesterday?"

Jones: "I didn't see you, sir."

Major Covell: "Thank heavens. I thought you were mad at me."

## In Memoriam

Byron Blackburn Boatright, Hon. Gamma, died May 15, 1957. He was born in Colorado Springs, Colorado, on February 10, 1900, son of William Louis and Minnie Allen (Stump) Boatright, graduated as a mining engineer from Colorado School of Mines in 1922, and received his Ph.D. from the University of Colorado in 1936. From 1922 to 1936, he was on the Petroleum Engineering Faculty at the Colorado School of Mines. On March 10, 1922, he married Sylvia Dora Kerr. From 1919 until he entered college, he was with the U.S. Land Office. From 1941 to 1945, he was a partner of the firm of Foran, Knode & Dixon, Dallas, Texas, and then became Vice President and Chief Engineer of the Republic Natural Gas Co. until 1948. Since 1953, he has been Consulting Engineer for the Houston Natural Gas Co. and other clients. He was in the U.S. Navy during World War I. Surviving are his widow and Mrs. H. P. Oliver, his daughter. His son, William Gary, died some years ago. Brother Boatright was also a member of Sigma Xi. The family home was at 11315 Smithdale Rd., Houston, Texas.

Daniel Emmett Coughlin, Beta '20, died October 25, 1957, age 65, at Grand Rapids, Minnesota. He was born on September 20, 1892, in Hancock, Michigan. Both before and after he entered college he worked in the iron mines in northern Minnesota during summer and vacations. In World War I, he served as an Ensign USN-AEF. In 1920, he received his E.M. at the Michigan College of Mines. In 1922, he joined the staff of Pickands Mather & Co. at the Bennett mine at Keewauwin, Minnesota. In 1925, he was appointed superintendent of the Danobe Mine at Bovey, Minnesota, and, in 1933, he was made superintendent of the Corsica mine at Elcor, Minnesota. He retired in 1955 after 33 years of service with Pickands Mather & Co. and was living in Bovey, Minnesota, at the time of his death. Surviving are his wife, Ruth, and two sons, Daniel, of Chicago, and Terrence, of Cooley, Minnesota.

Lee Henry DeWald, Iota '35, died May 30, 1957, at his home in Aurora, Illinois. He was born in July, 1901 in Aurora and attended the Missouri School of Mines where he graduated as a metallurgical engineer in 1933. He received a M.E. degree in 1935. In 1936 he was metallurgical engineer for the Fansteel Corp. in

North Chicago, and after some years was a Research Associate at M. I. T. in Cambridge, Mass. In 1948 he returned to Illinois and at the time of his death was metallurgist for the National Cylinder Gas Co., 1200 N. Claremont Ave., in Chicago, Ill. In 1927 he was married to Elsie Kellen, who survives with his mother, Mrs. Suzanne DeWald, 409 S. Union St., Aurora, Ill.

Clarence Leroy Eddy, Hon. Delta, died on February 24, 1958, age 80, in Osceola, Iowa. He was born in Atlanta, Illinois, on October 20, 1877, the son of John and Nancy Jane (Houser) Eddy, and graduated from the University of Illinois in 1900. He received the C.E. degree in 1909. From 1900 to 1901, he was rodman for the C. & N.W. Railway, and, from 1901 to 1904, was an engineer for the M. K. and O. Railway. He was assistant engineer for the C. & N. Railway from 1904 until 1907, when he joined the faculty of the Case Institute of Technology and retired in 1954 as head of the department of Engineering Administration. He was Prof. Emeritus until the time of his death. For 20 years he was the president of the Case Athletic Association. He was married to Lillian Viola Chapman on December 25, 1908. Surviving are his widow and two sisters residing in Osceola, Iowa. He was also a member of Tau Beta Pi and Sigma Xi.

William Alonzo McCaless, Iota '17, died of a heart attack on October 12, 1957. He was born in Randolph County, Indiana, on February 3, 1892, the son of William F. and Anna (Fraser) McCaless. He received a B.S. in mining engineering at the Missouri School of Mines in 1917 and a B.S. in civil engineering in 1934. From 1911 to 1914, he was an engineer for the City of St. Louis, Missouri. From 1916 to 1917 and again from 1919 to 1922, he was in the engineering department of the Portland Cement Association in Chicago. From 1922 through 1923, he was superintendent for the Standard Paving Co. in Tulsa, Oklahoma, and, from 1923 to 1928, he was with the Comer Construction Co. in Merced, California. From 1928 to 1933, he was with Cementos Portland del Bajio, S. A., in Mexico, and then on sewer construction in Merced, California. He then became Road Commissioner in Merced and was a rancher there until 1951. He was a 2nd Lt., Signal Corps, AEF, from 1917 to

1919. At the time of his death, he was again Road Commissioner in Merced. Mrs. McCaless died in 1955. Surviving is a daughter, Mrs. Starene Swineford, now living in Santa Barbara, California.

Willis John McLean, Alpha '29, died in Tucson, Arizona, on August 13, 1955. He was born in Delhi, Minnesota, on Aug. 13, 1902, and graduated as a mining engineer at the University of Minnesota in 1929. After graduation, he went to East Africa and was mining engineer for Mission Miniere Tele at Kabala, Uganda, until 1931, when he returned to the University of Minnesota for graduate work in geology and received his M.S. in 1933. Then he was Superintendent of the Gold Rock Mining Co., in Arizona, and, for a time, valuation mining engineer for the Pima County Assessor. Then he was engineer for Developments, Inc., at Paracale, Camarines Norte, in the Philippine Islands until 1938. Then he became chief valuation engineer and deputy assessor for Pima County Arizona, and held that position at the time of his death in 1955. He was married on December 21, 1935, to Vera Fisher of Hancock, Michigan. Surviving are his widow and two children, John and Jean. The family home was at 1719 N. Treat Ave., Tucson, Arizona.

John Clafon Metcalf, Beta '13, died August 19, 1957. He was born on January 19, 1890, in Detroit, Michigan, and graduated from the Michigan College of Mines as a mining engineer in 1913. For a time he worked in mines in Nevada and, in 1916, became engineer at the Elba mine in northern Minnesota for Pickands Mather & Co. In 1918, he was appointed chief mining engineer for them with headquarters in Duluth, Minnesota, became assistant manager in 1939 and assistant general manager in 1952. He retired on February 1, 1955. He was a pioneer in the taconite development and in the construction of the new plant that is now in production with an annual capacity of 7,500,000 tons. Surviving are his wife, Leonore, and one daughter, Mrs. Leonard Suden. The family home was at 100 East Elizabeth St., Duluth 3, Minnesota.

Ivan L. Bounds, Jr., Iota '49, died in the Roosevelt Hospital in New York City, on December 3, 1957. He was born on February 1, 1928, in Montezuma, Kansas. After graduation, he worked for several years as a metallurgist for the American Smelting & Refining Co., in East Helena, Montana, and then went to Peru, South America, to

work for the Cerro de Pasco Corporation, where he was Superintendent of Lead Smelting at Oroya, Peru. At the time of his death, he was staff metallurgist for the company in New York City. Surviving are his wife, the former Margaret Ellen Riley, and an adopted daughter, Nancy, living at 1449 Central Ave., St. Louis 10, Missouri, and his parents, who live at 624 West 8th St., Hutchinson, Kansas.

George Robert Rawson, Delta '19, died July 13, 1956. He was born in Cleveland, Ohio, in 1898, and initiated by Delta chapter on October 14, 1917. He graduated as a metallurgist at Case Institute of Technology and entered the employ of the American Steel and Wire Division of U. S. Steel Co. after graduation. His entire professional life as a metallurgist was with that company and at the time of his death he had the rank of chief assistant metallurgist at the Cuyahoga plant. The family home was at 19108 Maple Heights, Maple Heights, Ohio. Surviving are his wife, a daughter, a son and five grandchildren.

Bernard Jay Sparlin, Iota '45, died Sept. 5, 1957 in Pittsburgh, Pa., where he had lived since graduation. He was electrocuted while testing a motor at the Westinghouse Electric Corp. plant where he was employed. He was born June 24, 1923, in St. Louis, Mo., the son of Mr. and Mrs. J. W. Sparlin, then living at 608 E. 12th St. He attended Harris Jr. College before going to Missouri School of Mines at Rolla, where he graduated as an electrical engineer. He was 34 years of age and is survived by his widow, two daughters, Laura Lee, 8 years old and Leslie, 5 years old; his parents, two brothers and two sisters. Funeral services were held in St. Louis. The family home was at 111 Orchard Dr., Wilkinsburg, Pa.

Dean Warren Thompson, Gamma '42, died June 6, 1957. He was born December 1, 1919, at Congress Park, Illinois, and attended Lyons Township High School and Lyons Township Junior College at La Grange, Illinois, before enrolling at the Colorado School of Mines, where he graduated as a metallurgical engineer. He served as a Captain in the U. S. Air Force in Europe with the 409th Bomber Group. After the war, he was with the General Electric Co. in Fort Wayne, Indiana, and at the time of his death was with the same company in Holland, Michigan. Surviving are his wife, Jane; two children, Susan, 13, and Kenneth, 11; and three sisters, Mrs. A. T. Bell of Niles, Michigan, Lorene

Thompson of Chicago, and Carol Thompson of Miami, Florida. He was also a member of Tau Beta Pi.

Carol John Wakenhut, Zeta '17, died of a heart attack after attending a basketball game in Kansas City, Missouri, on December 31, 1957. He was born in Salina, Kansas, on September 23, 1895, and graduated as a mining engineer from the University of Kansas in 1917. After graduation, and until 1920, he was geologist for

the Carter Oil Co. in Tulsa, Oklahoma. Then he joined the staff of the Standard Oil Co. of Venezuela in Maracaibo, Venezuela, for a number of years and, in 1938, joined the staff of the U. S. Bureau of Mines in Dallas, Texas. In 1942, he joined the staff of Wilson and Co. as field construction engineer and held that position at the time of his death. Surviving are his widow, Elizabeth, a daughter, Mrs. Anna Geernany of Chicago, Illinois, and two sisters.

## Additions to Membership

### ALPHA

- 610 Richard Evert Hjerpe, Duluth, Minn.
- 651 Loren Dale Eckberg, Litchfield, Minn.
- 652 John Thomas Sladek, St. Paul 6, Minn.
- 653 Bradford Alvin Lemberg, Gaylord, Minn.
- 654 David Luther Voxland, Kenyon, Minn.
- 655 John Richard Heggstad, Wondum, Minn.
- 656 Larry Eugene Espriren, St. Paul, Minn.
- 657 Thomas William Fischer, St. Paul, Minn.
- 658 Raymond Wallace Allard, White Bear Lake, Minn.
- 659 Walter Hughes Nebel, St. Paul, Minn.
- 660 Penn Arthur Peters, Frederic, Wis.
- 661 Elvis Dale Simon, Rochester, Minn.
- 662 William Charles Viebahn, Montreal, Wis.

### BETA

- 807 Daniel Max Rukavina, Coleraine, Minn.
- 808 Robert Harlan Nesbitt, Virginia, Minn.
- 809 John Nels Nilson, San Manuel, Ariz.
- 810 Domenic Anthony DeAmico, Caspian, Mich.
- 811 John Edward Sutherland, Copper Cliff, Ontario, Canada.
- 812 William Edward Micho, Bay City, Mich.
- 813 Joseph Paul Torreano, Crystal Falls, Mich.
- 814 Lawrence Stanley Squires, Detroit, Mich.
- 815 James Francis Thompson, Owosso, Mich.

- 816 John William Irwin, Mt. Clemens, Mich.
- 817 William Frederic Zeckter, North Muskegon, Mich.
- 818 Vernelle Truman Smith, Sherill, N. Y.
- 819 Jon William Ostberg, Chicago, Ill.
- 820 George Jerome Quaal, Ishpeming, Mich.
- 821 Lawrence William Appleton, Scottsville, Mich.
- 822 Richard Hoyle Smart, Clintonville, Wis.
- 823 Lloyd Orrin Bacon, Hon., Hancock, Mich.

### GAMMA

- 887 Daniel Edmund Karig, Pasadena 3, Calif.
- 888 Larry Reid Faulkner, Denver, Colo.
- 889 Irwin William Engel, Denver, Colo.
- 890 Warden Miller Scott, Fort Collins, Colo.
- 891 Walter Savoye Case, Jr., El Paso, Texas.
- 892 William Robert Mills, Jr., Arcadia, Calif.
- 893 Richard Louis Lea, Golden, Colo.
- 894 Earl Eugene Stebbins, Bird City, Kan.

### DELTA

- 928 Paul Donald Arbogast, Warren, Ohio.
- 929 Richard Lord Browning, Euclid, Ohio.
- 930 Robert John Farling, city not given.
- 931 Douglas Kerr Ferguson, Youngstown, Ohio.
- 932 Allan Lee Karchner, Middleton, Ohio.
- 933 James Russell Kincaid, East Liverpool, Ohio.

- 934 Kenneth Lee Kutina, Chagrin Falls, Ohio.  
 935 Carl Henry Miller, Cleveland, Ohio.  
 936 Paul John Rohde, city not given.

## EPSILON

- 819 Charles Forrest Bacon, Santa Ana, Calif.  
 820 Rex James Young, San Fernando, Calif.  
 821 Will Connell (nmn), Los Angeles 4, Calif.  
 822 Frank Charles Dodge, Oakland, Calif.  
 823 James Louis Larsen, Oakland, Calif.  
 824 Richard James Menola, Richmond, Calif.  
 825 John Philip Ohlmann, El Cerrito, Calif.  
 826 John Quentin Sims, Berkeley, Calif.  
 827 David Morrison Wyman, San Pedro, Calif.  
 828 Douglas Gridley Brookins, Healdsburg, Calif.  
 829 Richard Beckett Griffin, Albany, Calif.

## ZETA

- 625 Thomas Wayne Domville, Kansas City, Kan.  
 626 Robert John Rehagen, Kansas City, Kan.  
 627 Frederick Herr Jones, Bloomington, Ill.  
 628 William Clinton Fisher, Topeka, Kan.

## THETA

- 631 Frederic Jay Wade, New Hyde Park, N. Y.  
 632 Joseph William Zelenka, New York 66, N. Y.

## IOTA

- 793 Bobby Van Harris, Poplar Bluffs, Mo.  
 794 Clark Clinton Uline, Rolla, Mo.  
 795 Billy Joe Thompson, Lakeland, Fla.

## LAMBDA

- 733 Terry Isaac Lester, Magna, Utah.  
 734 Martin Jay Christensen, Salt Lake City, Utah.  
 735 Dean Edwin Dallin, Salt Lake City, Utah.  
 736 Ray John Dalla Corte, Sunnyside, Utah.  
 737 Jack Lee Davis, Salt Lake City, Utah.  
 738 Cyrus Harvey Gold, Bountiful, Utah.  
 739 John Paul MacLean, Helper, Utah.  
 740 Larry Tuttle Murdock, Salt Lake City, Utah.  
 741 Elwyn Gerald Wadsworth, Salt Lake City, Utah.

## PI

- 567 Philip Henry Ryan, Hon., Boyd Tavern, Va.  
 568 Robert Bruce Pettyjohn, Lynchburg, Va.  
 569 James Norman Blake, Lexington, Va.  
 570 Leonard Wayne Burnett, Washington Court House, Ohio.  
 571 John Paul Cline, Charleston, W. Va.  
 572 Charles Byrne DeLashmunt, Arlington, Va.  
 573 Frank Tazewell Ellett, Roanoke, Va.  
 574 Jerrold Thomas Greene, Boones Mill, Va.  
 575 Jack Henry Griffith, Jr., San Antonio, Texas.  
 576 Walter David Marshall, Charlottesville, Va.  
 577 Herbert Elvy McCormack, Jr., Roanoke, Va.  
 578 Robert Carlton McGee, Jr., Richmond, Va.  
 579 James Patrick McHenry, Indiana, Pa.  
 580 Carl Joe Mullen, South Charleston, W. Va.  
 581 Robert Lewis Rustad, Falls Church, Va.  
 582 Alexander Balfour Sadler, Jr., Richmond, Va.  
 583 Walter Redd Staples, Richmond, Va.  
 584 James French Strother, Charleston, W. Va.  
 585 Ronald Stephen Walker, Groose Pointe, Mich.

## RHO

- 576 Ray Caudle Shaw, Rockingham, N. C.  
 577 Robert Douglas McBrayer, Forest City, N. C.  
 578 Ben Carolyn Treese, Charlotte, N. C.  
 579 Thomas Cox Powell III, Raleigh, N. C.  
 580 Joan Walter Lowry, Charlotte, N. C.  
 581 George Edward Daughtridge, Rocky Mount, N. C.  
 582 George Harris (nmn), Wilmington, N. C.  
 583 Roy Hoyt Martin, Jr., Hendersonville, N. C.

## SIGMA

- 479 John George Bishel, Salineville, Ohio.  
 480 James Joseph Buckenberger, Perrysburg, Ohio.  
 481 Russell Eugene Connell, Cleveland, Ohio.  
 482 Stephen Craig DeWeese, Lima, Ohio.

- 483 Edwin Kessler Foster, Columbus, Ohio  
 484 Donald Taylor Grube, Springfield, Ohio  
 485 William Mills Kirby, Westlake, Ohio  
 486 Paul William Kuehler, Sandusky, Ohio  
 487 Charles Arthur Peasley, Danville, Ohio  
 488 William Peter Segard, Port Clinton, Ohio  
 489 Craig Borland Simpson, Columbus, Ohio  
 490 Robert Anthony Bishel, Salineville, Ohio  
 491 Lynn Francis Boyd, Columbus, Ohio  
 492 Stephen Alan Clark, Mansfield, Ohio  
 493 William Francis Drake, city not given  
 494 Earl Lucene Hothorn, Stone Creek, Ohio  
 495 Kenneth James Hutton, Baltimore, Ohio  
 496 Robert Paul Kates, Columbus, Ohio  
 497 James Grant Keys, Columbus, Ohio  
 498 Charles David Martin, Willard, Ohio  
 499 John Edward Nemec, Cleveland, Ohio  
 500 Edgar Ernest Russell, Reynoldsburg, Ohio  
 501 Donald John Selter, Lorain, Ohio  
 502 Leo Edward Waldenthales, Galion, Ohio

## PHI

- 327 Myron Edward Witney, Jr., Western Springs, Ill.  
 328 David Allan Pfaff, Detroit, Mich.  
 329 Jerry Lee Yohey, Muncie, Ind.

## CHI

- 149 Richard Johnson Barrett, Phoenix, Ariz.  
 150 John Henry Belson, Jr., Tucson, Ariz.  
 151 Lee Charles Bodenhamer, Warren, Ariz.  
 152 William Franklin Bodenhamer, Warren, Ariz.  
 153 Arthur Horton Hamond, Jr., Douglas, Ariz.  
 154 Nicolaas Garrit Johannesens, Tucson, Ariz.  
 155 Raymond Kenneth Luci, Flagstaff, Ariz.  
 156 Donald Joseph Zimmer, Vienna, Ohio

## PSI

- 383 Duane Allen Dickman, Lewiston, Mont.

- 191 Gus Becher Conledge, Sunburst, Mont.  
 196 Harold Bruce Treweek, Butte, Mont.  
 197 Joseph Henry Bato, Butte, Mont.  
 198 Robert Paul Wylie, White Sulphur Springs, Mont.  
 199 John Garfield McCaslin, Hon., Butte, Mont.  
 400 Richard William Roberts, Anchorage, Alaska  
 401 William John Cronin, Bronx, N. Y.  
 402 Gordon Frederick Ziesing, Union, N. J.

## OMEGA

- 497 Larry Alan Blair, Moberge, S. D.  
 498 Jerry Edward Brodsky, Rapid City, S. D.  
 499 George Darrell Dewey, Rapid City, S. D.  
 500 Robert Andreas Lerdahl, Garrettsen, S. D.  
 501 Robert John Miesen, Zell, S. D.  
 502 Robert Merle Pederson, Sioux Falls, S. D.  
 503 Gary Allen Radford, Mitchell, S. D.  
 504 Richard John Scherr, Moberge, S. D.  
 505 John Randolph Walther, Freeman, S. D.

## GAMMA BETA

- 379 Woodrow Wilson Everett, Jr., Spring Hill, Ala.  
 380 James Richard Lear, Washington, D. C.  
 381 James Bernard Linn, Hyattsville, Md.  
 382 Frank Joseph Narr, Washington, D. C.  
 383 John Daniel O'Neale, Washington, D. C.  
 384 John William Roberts, Jr., Washington, D. C.  
 385 Victor Weiner (nmn), Washington, D. C.

## DELTA BETA

- 313 Jerry Earl Bishop, Louisville, Ky.  
 314 Richard Alan Elmer, Louisville, Ky.  
 315 Gerald Henry Fairfax, Louisville, Ky.  
 316 Thurman Franklin Lear, Louisville, Ky.  
 317 Jon Gordon Miller, Louisville, Ky.  
 318 John Albert Niebauer, Louisville, Ky.  
 319 Jerry Carl Schmitt, Louisville, Ky.  
 320 Stuart Louis Steans, Louisville, Ky.

## EPSILON BETA

- 116 James Becker Padden, Detroit, Mich.  
 117 Gerald Allen Straughen, Grosse Pointe Park, Mich.



# Editorials

## WARNING! CONVENTION AHEAD!

Preliminary plans were laid at the Executive Council Meeting in Minneapolis last December for the Twenty-Second Biennial Convention to be held in Madison, Wisconsin on December 28, 29 and 30, 1958 with Xi Chapter as our hosts. It was decided that convention headquarters will be in Edgewater Hotel where we are assured there will be fine accommodations for all of our activities.

Our Grand Regent is bending every effort to make this another great conclave. The inter-convention committees he has appointed have been unusually active and they are expected to have their reports in such form as to ease the midnight toil so often associated with our biennial business sessions. As usual these will be most important as they will deal with a wide range of subjects from internal technical problems to the Ames plan for expansion. Nevertheless we may look forward to much fellowship and, we will hope, even an opportunity to visit the beautiful campus of the University of Wisconsin, which the Xi boys insist is the finest in the midwest.

The Executive Council urges you alumni in the vicinity of Madison to attend the Convention in its entirety, if possible, or at least such portions as may fit your convenience. Your presence will be an inspiration to the delegates, officers and the actives in attendance and you will enjoy the opportunity to renew old acquaintances and to make new ones. PLM

## WHO, ME?

We frequently wonder whether the new generation is different from earlier ones or whether our arteries are getting perceptibly harder. The cause of such wonderment stems usually from a situation in which someone is needed to do some job such as work on a school project, help with a magazine, accept a fraternity assignment, or solicit for a desirable cause—usually a situation which calls for a little generosity with one's time and effort. It seems to us that, in spite of increasing numbers available, fewer and fewer are willing to lend a hand for the common good. We sense a feeling that those who do nothing for anyone but "number one" believe that they are smart operators who won't get caught working for nothing.

Such people actually are cheating themselves! This is particularly true of young men. There are many direct and indirect benefits to be derived from accepting one's share of the community responsibility. Any mature person can vouch for the fact that his maturity came to a considerable degree from experiences which provided opportunities to widen acquaintanceship, to develop ability to work with others and to coordinate their efforts, to improve speaking ability, or to learn facts or processes which would later prove useful. It is certainly a common experience to have opportunity to use knowledge or skill acquired in some voluntary effort at an earlier time.

In addition to the automatic self improvement which results from work-

ing on voluntary projects, there are other quite tangible values. One is quite likely to make some good friends whom he might otherwise never have known. What is the value of a good friend? He will also discover one of the great satisfactions in life that comes from cooperative accomplishment. Pledges going through "Hell Week" together, men building a hunting lodge or working on a church improvement program, canvassers raising funds for the Boy Scouts—all have felt the satisfaction of accomplishing a worthy goal and

all have experienced the pleasure of joining with others in a common enterprise.

Generosity has a way of making a person bigger while selfishness makes him smaller. So day by day and month by month as one answers the question, "Who, me?", he determines what kind of an individual he is to become.

Don't be reluctant to answer, "Sure I'll be glad to help", when asked to work on a voluntary project. There are immediate and long term rewards awaiting you if you do.

JWH

#### DEFINITIONS:

**Mother-in-law:** a referee with an interest in one of the fighters.

**Bachelor:** A fellow who can pull his socks on from either end.

**Raving Beauty:** A girl who comes out second in the Miss America contest.

Discussing his tennis game, a stout bald man panted: "My brain immediately barks out a command to my body. 'Run forward speedily,' it says. 'Start right away! Slam the ball gracefully over the net, then walk slowly back!'"

"And then what happens?" he was asked.

"Then," he replied, "my body says, 'Who me?'"

**Fresh:** A woman's greatest attraction is her hair.

**Soph:** I say it's her eyes.

**Jr.:** Unquestionably it's her teeth.

**Sr.:** What's the use of sitting around lying to each other.

#### QUOTES:

**Wanted:** a smart young woman to act as a deceptionist.

The late Will Rogers was given to silencing people who boasted of their ancestry by making this observation on his Indian blood: "My ancestors didn't come over on the Mayflower, but they met the boat."

Words like gems obscure everything which they do not make clear.

At a sales meeting the manager said he wished to present nylons to each man to give to his wife. The men were asked to give their wives' sizes. After they had given their sizes, a change in the plan was announced—instead of giving them directly to the men, the manager decided to deliver them to the wives. Five of the men stepped up and each said, "Change my wife's size from 8 to 10."

**Mixed emotions:** A young engineer watching his mother-in-law back over a cliff in his brand new Cadillac.

# Letters To the Editor

8702 Behrwald Avenue  
Cleveland 9, Ohio

Dear Brothers:

I would like to have my mailing address changed to the above.

Since receiving my B.S. in metallurgical engineering at Wisconsin in 1948, have been an Instructor in metallurgy at the University of Wisconsin for two years, then transferred to Sand Products Corp, where I am at present.

My title is Eastern Manager of Sales and Service, covering Foundries in the Ohio and Western Pennsylvania area.

I am looking forward to catching up with Theta Tau activities.

In H & T,  
Norman J. Stickney  
Xi '48

Glad to have you aboard, Brother Stickney, we will follow you as long as we have your address.

3630 Northwood Dr.  
Memphis 11, Tennessee

Dear Brother:

I am no longer Canon Missioner of St. Mary's Cathedral, Memphis, Tennessee. I am now Priest-in-Charge of All Saint's Mission (Episcopal), Memphis, Tennessee, with a permanent address as above.

Yours in H & T,  
The Rev. Robertson Eppes, Jr.  
Rho '43

—and you are without a doubt the ranking clergyman in Theta Tau. Brother Eppes.

35 Rolling Hill Drive  
Chatham, N. J.

Dear Brothers:

In moving there usually one or two things overlooked and I regret that one of them was notifying Theta Tau of my transfer to New Jersey. I am still with Leeds and Northrup Co. but as Branch Manager of the new office serving Northern New Jersey.

My wife and three sons are rapidly becoming acclimated to "The Garden State" and all of us enjoy our new home in Chatham, New Jersey.

Thank you for taking the trouble to check on my whereabouts.

Very truly yours,  
J. C. Latham  
No '36

No trouble at all. Glad we found you before postage went up.

16718 76 N.E.  
Bothell, Washington

Dear Brothers:

As per your request, my current address is furnished above. I have been wondering what happened to THE GEAR.

I am now engineer-manager of the Concrete Products Association of Washington. Office address: 318 3rd Ave. W., Seattle 99, Wash.

Yours in H & T,  
Leland L. Sphar  
Nu '37

Since THE GEAR cannot be mailed as first class matter it is returned as non-deliverable whenever you move. Hence, you become "lost" to us even though most of your mail is being forwarded, unless you send direct notification.

La Grange, Illinois  
720 N. Catherine

Dear Brothers:

I have been wondering why I haven't received my GEAR since I left school and I've finally come to realize that you do not know my new address.

Very truly yours,  
John R. Blomberg  
Gamma '36

Your thinking went deeper than that of many alumni, Brother Blomberg. Since we dropped our crystal ball, we have to rely on the alumni themselves to tell us where they move.

307 Wellesley, S.E.  
Albuquerque, N. M.

Dear Brother Howe:

On January 20 we will be moving to Albuquerque. Our new address is given above.

I will be employed by the Public Service Company of New Mexico as Manager of Power Production in the Operations Division. For the past six and one half years I have been with the Atomic Energy Commission. The last four and one half have been at Los Alamos where I have been in charge of Utility Operations.

I will look forward to seeing any other H and T brothers who may be in the Albuquerque vicinity.

Yours in H & T,  
A. E. Rhodes  
Iota '39

This will serve notice on other H & T men that you are in Albuquerque.

# Letters from the Chapters

## Alpha Enjoying Its Modern House

by THOMAS W. FISCHER



The advent of the Winter quarter found Alpha Chapter well situated in its new house, located at 515 10th Avenue Southeast, Minneapolis. The modern split level structure boasts of such features as large and well furnished living and dining rooms, library and comfortable rooms equipped to sleep about 25 house men and six town men. Needless to say, we are all justifiably proud of our new home.

Our ranks have swelled to thirty actives with the initiation of nine new members, Ray Allard, Larry Espelein, Tom Fischer, John Heggstead, Wally Nebel, Penn Peters, Al Simon, Bill Viebahn, and Dave Boxland. Three new pledges, Dick Pilgram,

Dave Windsor, and Bob Warmke will be initiated shortly after the start of Spring quarter.

Newly elected officers for the coming year are Jim Faricy, regent; Bob Nath, vice-regent; Paul Schleuter, scribe; and Dan Meany, treasurer. We actives wish them the same measure of success as befell their predecessors, who left some rather large shoes to fill in this respect.

The annual Winter Formal was held on the night of January 18 as the first party to be given in the new house. A great deal of credit is due to Brother Bob Nath and his assistants in making this dinner-dance the most enjoyable event it was for all who attended.

With Alpha as host chapter, the Regional Conference of Region Two was held this past weekend. Highlights of the conference have been summed up for us by Brother Sladek in an article elsewhere in this issue.

## Beta Continues Its Winning Ways

by LAWRENCE W. APPLETON



At present Beta Chapter has 49 active members on her roll. This list includes the following members who were initiated

821 William Donald Jacobs, Jr., Wayne, Michigan

826 Donald Louis Schaible, Detroit, Michigan

827 Robert Neil Smart, Hillman, Michigan

We also have seven pledges at this time: Frederick P. Andresen, Scottville, Michigan; Marty Puro, Sudbury, Canada; Max Rukavina, Coleraine, Minnesota; Leroy Swenson, Chisholm, Minnesota; John

January 26, 1958.

824 David John Trimberger, Iron River, Michigan

Blaser, Roselle Park, New Jersey; Donald C. Larson, Iron River, Michigan.

Officers for the past year were regent, Irwin Allen; vice-regent Roland Schmidt; treasurer, Richard Danker; scribe, Hugh McShane; steward, John Sutherland; corresponding secretary, Dan Rukavina; purchasing agent, Jerry Knaebel. House officers elected for the year 1958-59 were treasurer, Robert Newbitt and corresponding secretary, Lawrence W. Appleton. Dr. Leo F. Duggan is the chapter adviser.

Beta Chapter has thus far had a very successful year in campus activities. Our football homecoming float won the first place trophy in class "A". For the seventh consecutive year Beta Chapter has won the Michigan Tech Winter Carnival Trophy.

Events during Winter Carnival include skis, snow statutes, snowshoeing, skiing, and other winter sports. Our snow statute for this year, the S. S. Peter Pan, placed second in the statute competition. The annual Millionaire's Party was a booming success.

Brothers Hugh McShane, Bill Zeckzer, and Tom Stark have organized a youth club for 7th and 8th grade boys in Houghton and Hancock. The aim of the club is to provide activities for the youths and prevent juvenile delinquency.

A new living room rug was installed last month and plans are being made for house improvements.

Twenty-seven seniors are graduating this year. We plan to pledge another fifteen men to help us continue and maintain an active chapter.



Theta Tau snow statute, 1958 winter carnival

## Delta Pledged 37 This Spring

by FRANZ SAMMIT



The spring rushing program at Delta yielded 37 pledges. The members of the pledge class, under the direction of pledges,

Paul Arbogast, are completing their pledge projects in preparation for initiation on Sunday, April 20.

A new committee system has been set up and will function under the leadership of Matt Crugnale, regent; Bob Boydston, vice-regent; Dave Luce, scribe; Jerry Stein, treasurer; and Franz Sammit, corresponding secretary. Delta has conducted tours around the Case campus for high school visitors. We are also sponsor-

ing a refresher course for the Ohio State Professional Engineering Examination. Various speakers have been brought to the campus to speak on professional engineering.

These professional programs, as well as all other chapter activities have been carried out with the wonderful assistance of Prof. L. J. Reardon, chapter adviser.

There are currently 15 actives in the chapter. Many of these men have received honors: Kincaid, senate president; Luce, president, Student Discipline Committee; Luce, Kutina, Boydston, Rhode, Tau Beta Pi; Crugnale, Kincaid, Eta Kappa Nu.

Many of the brothers have received appointments and scholarships to graduate schools.

## Active And Successful Year At Epsilon

by RICHARD MOROLA



Epsilon Chapter extends fraternal greetings to all members of Theta Tau. Under the leadership of past Regent Frank Sieraski and

and our adviser, Dr. Samuel P. Wells, Epsilon completed a busy and

successful Fall semester, marked by such events as noon luncheons and evening smokers. The evening smokers were highlighted by such speakers as Dr. Lionel Weiss and Dr. Parker D. Trask who discussed various phases of the earth sciences.

At present we have 18 actives and two pledges. A number of the actives will be graduating in June and we



Left to right: Mack Hodgson, past regent and convention delegate; John Greife, scribe; Grand Regent Hockley; Dr. S. P. Wells, faculty adviser; Frank Smith, regent; Jim Widdle, new initiate

are now in the midst of an extensive rushing program. Epsilon is also sponsoring a series of lectures featuring outstanding men in the fields of earth science. Our lecture program was initiated by Dr. H. B. Cooke and met with immediate success.

The present officers of Epsilon

Chapter are as follows: regent, Rex Young; vice-regent, Charles Perdue; scribe, John Sims; treasurer, John Cosgriff; corresponding secretary, Richard Masiola. This has been an active and successful year for Epsilon Chapter and we are looking forward to continued growth and activity.

## Zeta Wheels Operate Smoothly AT K. U.

by ROBT. H. McCAMISH

LAWRENCE  
KANSAS

To all men everywhere who wear the badge of Theta Tau, Zeta Chapter extends sincere

fraternal greetings.

This has been a very fruitful year for the actives, pledges and alumni of Zeta Chapter. To start off the year with a bang, Zeta participated with twenty-seven other fraternities on "the hill" in rush week activities. This was very beneficial in obtaining our Fall pledge class.

Following the precedent set last year by Zeta, we again sponsored the engineering alumni homecoming, held in conjunction with the annual University Homecoming. Through the ef-

forts of Zeta men many friendships were started and many old acquaintanceships were renewed at this event.

On December 14, we held our annual Jacqueminot Formal in the Kansas Room of the Kansas Memorial Union. Centers of attraction were a nine-foot replica of the pledge badge with a bouquet of red roses in the center and a huge silver Christmas tree on which were pinned dark red rose corsages for our dates. The highlight of the evening was the announcement of the pinnings of Brothers George Dodd and Jack Goble.

This spring, Greek Week provided Zeta with a flurry of panel discussions, banquets, a community project, and a chariot race. Since this was the



Front Row (left to right): Bob McCamish, Glenn Kirk, Bob Pope, Bob Franklin, Eldon Benson, Al Smith, Dick Hinderliter, John Dealy, Leon Clark, Terry Anderson, Jerry Colwell

Middle Row: Lee Nichols, Ron Bonjour, Bill Cole, Craig Brougner, Larry Newton, Tom Donoville, Jack Goble, Myron Bernitz, Dick Gillespie, Harry Edwards, Larry Harris, Bob Rehagen

Back Row: Gary Hubbard, Dave Stahl, Jack James, John Steurs, Dick Schreff, Dave Marshall, Rick Jones, Don Harnbach, George Dodd, John Kazmaier, Don King



Zeta Charioteers

first year Zeta has had the opportunity to take part in Greek Week activities, full advantage was taken of the various activities. Six days before the chariot race the design and construction of Theta Tau's all-aluminum chariot was begun. The silver color of the aluminum was set off by a large color painting of the coat-of-arms on the front, the Greek letters Theta and Tau on the sides, and the golden wheels. Brothers Harry Edwards and Bob Rehagen and Pledge Max Cayender did an excellent job and on the afternoon of the races we watched

the Theta Tau chariot driven by Brother Rehagen and pulled by Pledges Gary Hubbard and Jim Clutz make Triangle and their wobbly-wheeled chariot look ridiculous. As Theta Tau crossed the finish line, the Triangle chariot was just beyond the half-way point of the 300 yard course. Each heat was timed, and in the final analysis, Theta Tau placed seventh out of a field of 23 entries.

Soon after Greek Week we held the third annual Women Engineers' Banquet. Fifteen of the seventeen women enrolled in the School of Engineering and Architecture were our guests that evening.

On a very fitting day (April Fool's Day) we will have the spring semester pledge banquet. This banquet is given by the active chapter members in honor of the present pledge class.

April 13 is the date this year for the annual Zeta Chapter Chartering Anniversary banquet. Many local alumni are expected to attend this event, including Grand Scribe Robert



Zeta Entertains K.U.'s Women Engineers



E. Pope and Regional Representative William E. Franklin. After dinner, the House Corporation Board meets to discuss plans for the new house, and the Mothers' and Wives' Club will hold their annual business meeting.

Later this spring, Zeta looks forward to their Annual Parents' Day and to the western style Red Dog Inn party.

Of course, during the basketball season, Theta Tau entered an intramural team in both the "B" and "C" team leagues. For the first time, we were put in the same division with the social fraternities and while we didn't come up with winning teams, it was a lot of fun.

Two significant happenings come to mind that will be remembered by the men of Zeta. One is the acquisition by the House Corporation Board of an option on a plot of land in the new fraternity row proposed by the University Administration. The other is the fact that Herman A. Janzen, Zeta '39, became the first lifetime

member of Zeta Cogs, an alumni contribution organization.

Zeta Chapter has at present sixteen actives and fifteen pledges. Three actives, Glenn Kirk, John Dealy, and Dick Hinderliter will graduate this June, and all fifteen pledges will be eligible for initiation next fall.

Four men were initiated this school year, bringing the total number of initiates of Zeta Chapter to 628. Brothers Tom Domville, Bob Rehagen, and Rick Jones were initiated last fall, and Brother Bill Fisher braved the rigors of initiation week alone this February.

Since the last letter to THE GEAR, we have had two elections. Our Fall semester officers were Al Smith, regent; Eldon Benso, vice-regent; Dick Hinderliter, scribe; and Bob Franklin, corresponding secretary. The Spring semester officers are John Dealy, regent; Dick Hinderliter, vice-regent; Tom Domville, scribe; and Bob McCamish, corresponding secretary.

Grades in the engineering school have been harder than ever to come



At Zeta's Halloween Party.



Zeta men admire new sign

by, but Zeta still claims its share of curve raisers and honor society members. This last semester Brothers John Dealy, Dick Hinderliter, Dick Gillespie, and George Dodd, and Pledges Roger Benefield and Carl McClung all made a 2.00 (B at K.U.), or over, grade point average.

On top of the list of honor society members is Brother John Dealy, who was elected to Sachem Chapter of Omicron Delta Kappa. Brothers Dealy, Hinderliter, Benso, and Dodd are Tau Beta Pi members. Sigma Tau claims Brothers Dealy, Hinderliter, Benso, Dodd, and Gillespie. Brothers Hinderliter, Benso and Dodd are members of Eta Kappa Nu Association. Brother Hinderliter is also a member of Sigma Pi Sigma and Pi Mu Epsilon. Military honor societies list Brother Al Smith as a member of the Scabbard and Blade, and Pershing Rifles, and Brother McCamish also as a member of the Scabbard and Blade and of the Arnold Air Society. Brother Smith has been selected as a Distinguished Military Student.

Zeta Chapter furnishes a very large percentage of the leaders of the engineering school and of the University. The Kansas Engineer is an outstanding example of Zeta leadership, with Al Smith, editor; John Dealy, business manager; Bob Mc-

Camish, associate editor; Ron Bonjour, assistant editor; Dick Hinderliter, advertising manager; George Dodd, photographer; and Mrs. Al Smith, joke editor.

Leaders of the engineering school honor societies include John Dealy, president; Dick Hinderliter, vice-president; and Eldon Benso, recording secretary of Sigma Tau. Eta Kappa Nu lists Dick Hinderliter as president, with Eldon Benso as vice-president and George Dodd as corresponding secretary.

Ron Bonjour is Engineering Council representative for the civil engineers, and John Dealy is the representative for the chemical engineers. Pledge Don King is treasurer of the Geology Club.

Brother Eldon Benso is co-chairman of the 1958 KU Relays Committee and Pledge Dave Stahl is a freshman member of the committee. John Dealy holds a seat on the All Student Council, the KU student governing body.

Not content with ordinary activities, Zeta men invaded the teaching profession with Brothers John Dealy, Eldon Benso, Dick Hinderliter, Dick Schreff, Leon Clark and Bob McCamish listed as teaching assistants with the University.

As is exemplified by the above account, the emphasis for the last few semesters at Zeta has been on activities. As it becomes harder and harder to squeeze good grades from the Engineering School, however, this emphasis is gradually shifting to one of scholarship.

Summing up: Zeta Chapter has been more active than ever before in fraternity activities, Engineering School activities and University activities.

Zeta's door is always open and we most enthusiastically welcome a visit

from any of our Brothers who happen to be in the vicinity of Lawrence.

## Iota Plans Smoker

by JERRY WHITEHOUSE



Iota Chapter's officers for this semester are: regent, Jerry Whitehouse; vice-regent, Don Pfanstiel; corresponding secretary,

Harold Olsen; recording secretary, Billy Thompson; treasurer, Peter Gerard; faculty adviser, Prof. R. D. Schowalter.

The chapter's active membership is

now at nine active members. There are no pledges as yet, but a smoker is planned for this spring semester.

The difficulty in obtaining pledges seems to be caused by the growing school facilities and the increase of student organizations and activities. Theta Tau hasn't a house on campus and high dues and initiation fee do not entice prospective pledges.

Recent spring activities included a school calendar with dates of all athletic and school events.

## Lambda Prominent In Engineering Open House

by BLISS DIAMOND



Greetings from Lambda Chapter. We members of Theta Tau at the University of Utah would like to let the Fraternity at

large know about our activities. During the past year Lambda Chapter has been holding smokers about once a month. For a little variety we have recently held two exciting tobogganing parties near Brighton Ski Resort. In the line of more academic endeavors, we printed the programs and took charge of the Information Booth at the University of Utah's Engineering Week Open House. This activity included the selection of an outstanding senior engineer. We worked in conjunction with the Alumni of the Utah Engineering Society in honoring

Brother John C. Schreiner as the Outstanding graduating engineer at the University of Utah.

March 11, 1958, was election day at Lambda Chapter. The 32 active members of the chapter met that evening and elected Ronald Gottinge, a chemical engineer, as the regent for the coming year. Also elected to office were the following: Frank Lombard, vice-regent; Jack Davis, treasurer; Lyle Gustavson, scribe; and Bliss Diamond, corresponding secretary. Professor Preston D. Linford was sustained as our chapter adviser. One of the first activities planned by the new officers was a smoker for the 12 new rushees which was held on the last day of final exam week.

Lambda Chapter extends best wishes for the coming year to the other chapters of Theta Tau.

## Mu Helps Frosh Study

by JOHN G. PERRIGIN



Mu Chapter extends greetings to all our brothers in Theta Tau.

Our chapter officers for this semester are regent, John G. Perrigin; vice-regent, Arnold M. Blumenstein; scribe, John B. Duke, III; treasurer, Kenneth E. Harwell; and corresponding secretary, Waights M. Taylor.

Professor William K. Rey, the Grand Outer Guard of our Fraternity, is serving his fourth year as our faculty adviser.

Mu now has 29 active undergraduate members, 1 graduate member, 12 faculty members, and 24 pledges. Our initiation date has been set for March 30 and our initiation banquet will be held the following week.

We are sponsoring a study hall for freshmen and sophomores in engineering again this semester. Two evenings a week two of our members conduct the study sessions in one of

our engineering classrooms. Results have been very satisfying and we feel that this review of material covered during our earlier years in school is beneficial to our members.

It continues to be a pleasure to us to see so many of our members taking an active part in the engineering honoraries and technical societies. Listed among our members are the vice-president of the School of Engineering; the president, secretary and cataloguer of Tau Beta Pi; the president and secretary of A. I. E. E. student chapter; the vice-president of the A. S. C. E. student chapter; and the president of Alpha Pi Mu, the industrial engineering honorary fraternity.

Again this year, Mu Chapter will sponsor the selection of the outstanding engineering graduate. The student selected will receive the Theta Tau Award, a 14" gold loving cup, at the graduation exercises this spring.

Though the semester is half over, we at Mu have found this first half very fruitful. We extend best wishes for success to all chapters of the fraternity.

## Xi Busy With National Convention Plans

by ROBERT E. ALLEN



Greetings from Xi.

Our officers for this semester are: regent, Allan H. Clauer; vice regent, Richard Anderson; scribe, Walter Leuthy; treasurer, Thomas Obenberger; corresponding secretary, Robert E. Allen.

We were honored with a visit by Grand Vice Regent Britzous at our fall semester's initiation and banquet. We were pleased that he was able to attend and give the chapter officers and members an opportunity to meet him and discuss the possibilities of starting a chapter house.

We are looking forward to this semester's initiation party and initiation followed by the banquet on April 27. Sports chairman Richard Ander-

son is expecting a fine turnout for baseball this spring and we hope to match last year's spring championship.

We are currently busy at Xi with the plans for the national convention which will be held here at Madison in December. Although we are still in the planning stage, we hope to have

it set up by early fall. We hope to have enough alumni in attendance at the convention and be sufficiently prepared to make it possible to organize an alumni association centered in the Milwaukee area.

Hope to see you at the Biennial convention in December.

## Omicron Pledges Say Why They Want In

by RICHARD J. MAURER



With the initiation of sixteen new actives on February 16, 1958, Omicron Chapter now has thirty-three active members. Each pledge was required to write a short paper stating why he wanted to join Theta Tau. One of the best of these is included here:

"Engineering is the application of science and an art of construction which requires intelligent application of the laws of nature. To be an engineer, therefore, means to be a man with a distinct profession. This definition of engineering lacks one thing when applied to the engineer; this is the ability to communicate and associate with those to whom engineering is not familiar.

"Academic courses familiarize the engineer with the laws and application of science, but fail to background them in the old custom of "getting along with others." This requirement must then be attained by a student's own ingenuity.

"Theta Tau offers an engineer the chance to take part in activities which require meeting new people, planning for school events, and a chance to express his own views while hearing others.

"To be truly professional, the engineer must conduct himself in a way which will reflect favorably upon his profession. Theta Tau requires a member to act as a professional man should. It serves as a guide for the engineer's conduct in business, thus benefiting both the profession and the public.

"I expect to give the professional fraternity, Theta Tau, my contribution to engineering, and to receive from it the ability to associate and communicate with others."

by Thomas A. Woodruff

On January 7, 1957, Omicron Chapter held elections and the following officers were elected: Don Campbell, regent; John Rump, vice-regent; Peter Peropoulos, scribe; Dick Walton, treasurer; Carl Egger, assistant treasurer; Paul Harmony, marshal; Ted Andrews, inner guard; Paul Morgan, outer guards; and Richard Maurer, corresponding secretary.

Our chapter adviser is Professor Donald Metzler, Engineering Building, State University of Iowa, Iowa City, Iowa.

Omicron Chapter and its members have been quite active in college functions. On March 13, 1958, the annual MECCA Smoker (MECCA stands for Mechanical, Electrical,

Civil, Chemical, and Aeronautical Engineering) was held. Two Theta Tau's, George Trainer and Paul Morgan, were co-chairmen of the smoker. The following night another Theta Tau, Paul Harmony, served as chairman for the annual MECCA Ball.

During the smoker, the annual Theta Tau Achievement Award was presented to Larry Focht. This award is open to any engineering student at the State University of Iowa. The recipient of this award is judged on the

basis of achievement, activities, scholarship, and popularity.

Omicron Chapter is well represented on the Associated Students of Engineering Council, since four of the ten Council members are active in Theta Tau.

Omicron Chapter has begun holding several dinner meetings each semester. We have had one dinner meeting this semester and two more are planned. Prof. Howe was the speaker at our first meeting.

## Pi Procures Plaque for Posterity

by HAROLD W. DEANER



Pi Chapter extends fraternal greetings and best wishes to all the brothers of

Theta Tau.

The chapter officers now are Robert A. Moore, Jr., regent; William M. Smith, vice-regent; John M. Butterbaugh, scribe; Herbert E. McCormack, Jr., treasurer and Harold W. Deaner, corresponding secretary. These men are giving their best to the fraternity and the University and the leadership exhibited by them is outstanding.

Pi Chapter consists of 49 brothers and no pledges, but will acquire a new pledge class April 10, as the traditional three rush parties have been completed.

The Engineering Council, consisting primarily of Theta Tau's, has been more active than at anytime in recent years and has been able to make a number of worthwhile contributions to the engineering school. The brothers now on the Engineering Council are: Robert L. Davis, president; Carl W. Miller, vice-president; R. Martin Miller, secretary; Robert A. Moore, treasurer; George C. Davies, historian; E. Lee Showalter, Wilton W.



Left to right, front row: McDonald, Showalter, Pauly, Davis, Haley, Thompson (past regent), Blankingship, Moore (regent), Jones, Cofer, Sadler.  
Second row: Marshall, Butterbaugh, McGee, Wallace, Christopher, Bounds, Burnett, McHenry, McCormack, Millar, Deaner.  
Third row: Mandeville, Walker, Hockersmith, Smith, Slepetz, Delashmatt, Collins

King, and Larry A. Cooper, student council representatives; Robert L. Thompson, Jr., University Judiciary Committee representative (chairman); John K. Haley, president of the I. A. S.; and Charles B. Delashmutt, president of the ASCE. Brothets of the chapter have won a majority of offices in the engineering school for the next year. Those elected are: Robert A. Moore, Jr., president; Harold W. Deaner, secretary; John M. Slepetz, treasurer; and John P. Cline, historian.

The chapter has been very active socially during the past year. One of the most important social functions of the fall semester was the sponsorship of the Engineer's Ball, which was a great success. The chapter has had a number of parties and is very pleased at the support and participi-

tion of the faculty alumni at these functions. The fall banquet, which followed the initiation of the pledge class, was held as nearly as possible to Founders' Day and was enjoyed very much by the faculty alumni as well as the active brothers.

One of the more outstanding speakers during the fall was Dr. Charles G. Abbot of the Graduate School of Business, who delivered an interesting and informative talk titled "Opportunities for Engineers in Business."

Another important project performed by the chapter was to install a bronze plaque with the school's name, Thornton Hall, on the front of the engineering school.

Pi Chapter extends its wishes for the happiness and prosperity of all the brothers.

## Rho Pledges Tote 3-Foot Hammers

by JAMES M. DAVIS



With the election of a new slate of officers and the planning of the initiation of the spring pledge class, Rho Chapter is rounding out a very active and successful year. The newly elected officers are Gaston F. Smith, Jr., regent; Ben Treece, vice-regent; George Harris, scribe; Richard R. Redwine, treasurer; Ray Shaw, corresponding secretary; and Carl R. Horton, alumni secretary. 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 20 actives and 9 pledges. The initiation of the pledge

class is planned for April 23. Our chapter strength is complemented by the close association of recent graduates who have remained in the area and several faculty members. Seven of our brothers graduate in June. This affords a small and coherent group for the beginning of next year. Concrete plans that afford more opportunities for work on operational problems such as the alumni files are in the making for next year.

The closer association with Rho's alumni is the main project for the coming year's operation. A newsletter telling of this year's activities is in the process of being prepared at the present time.

The main chapter project this year has been the completion of the sidewalk begun last year. As it was re-

ported in the letter last year, individual blocks were sold to various campus organizations providing for the construction of a needed walkway. However, several problems were encountered which have only recently been solved. The main problem was the preparation of organizational plaques. A suitable solution was found in the use of concrete blocks with brass letters. The casting of these blocks was done by Rho members, thus lessening the cost of the sidewalk. This was desirable in order that the project of paving walkways might be continued. Upon completion in April, the sidewalk will do much toward beautification of our campus. Other areas of beautification are being investigated.

One new project begun this year is the requirement of the pledges to make and carry an enlarged replica

of the Hammer. This did not require a great deal of the pledges' time as did the replica of the Gear but did afford a large amount of publicity for Theta Tau. Plans and dimensions are available upon request.

In addition to these projects, Rho has held its regular yearly socials and its Christmas Party for underprivileged children. Other chapter activities include participation in the Engineer's Fair and Carnival night.

Rho's members have again continued to participate actively in nearly every campus organization. These organizations include general campus groups as well as departmental societies. Theta Tau actives and visiting alumni also attend school social events in groups and singly.

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

## Sigma Basks In Rose Bowl Glory

by CHARLES D. MARTIN



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

In January of this year the following officers were elected. Cloyd G. Duncan, Jr., regent; John G. Bishel, treasurer; Charles D. Martin, corresponding secretary. In March, Herbert B. Hauter was elected to the office of vice regent. Other officers of Sigma Chapter are Robert L. Halsey, scribe, Norman J. Kukay, marshal; Eugene M. Bond, inner guard; and Robert J. Perkins, outer guard.

Our faculty adviser is Edmund D. Ayers, Professor of Electrical Engineering at Ohio State University.

Fall quarter's pledge class of 14 was one of the largest in the history of Sigma Chapter. At present we have 47 active members. Winter quarter's pledge class of six went active on March 8. One man graduated Autumn quarter. He was Tom Brown, a mechanical engineering student. The only man to graduate Winter quarter was Mark Scharf, a chemical engineering student. This Spring, however, nine actives will graduate. These men are Roger D. Harrold, Herbert B. Hauter, Wayne D. Milestone, Robert J. Perkins, Joseph P. Creek,



John R. Bolg, Ralph P. Reimann, Donald M. Reedy and Edward I. Stamm.

Last fall we built a Homecoming display that was thirty feet high to cheer our Ohio State Buckeyes on to the Big Ten Championship, Rose Bowl and National Championship.

Gordon B. Carson, Dean of the

College of Engineering at the Ohio State University was the speaker for our first dinner meeting this quarter. He spoke on the changes that will take place in the College of Engineering here within the next few years.

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

## Upsilon Men Work In Public Relations Field

by THOMAS ROSS



Fraternal greetings to brothers everywhere from Upsilon Chapter.

This has been a most successful year for Upsilon

Chapter. The chapter currently numbers 37 active members and 13 pledges. The officers serving for the second semester are Alan Adams, regent; James Manville, vice-regent; Thomas Ross, scribe; James Colvert, treasurer; Robert Wilson, corresponding secretary; and Thomas Epperson, pledge trainer.

A major project undertaken this year was the placing of appropriate pictures in the Engineering Annex. Another project which has been completed were the talks made by members with prospective engineering students in high schools throughout the state. A project planned for this spring is the publication of a pamphlet to be given entering freshmen

to make Theta Tau more widely known on the campus.

During the past summer the chapter moved from its previous location to 301 University St. The new house rooms approximately 20 men and is presently filled.

The chapter social functions this year included the annual Founders' Day banquet, a banquet honoring the candidates for St. Patricia of Engineering Day festivities, and a spring outing to be held in the near future.

The honors bestowed on chapter members were many and varied. Five were tapped for Blue Key, four for O.D.K., two selected to Who's Who, and seven elected to Tau Beta Pi. This year's editor of the *Arkansas Engineer* as well as next year's co-editors and business manager are brothers of Upsilon Chapter. St. Pat of the Engineer's Day this year and last year's outstanding senior engineer are members of the chapter.

Best wishes in the coming year are extended to all chapters from Upsilon Chapter.

## Phi Has Good Professional And Social Program

by JAMES N. DRESSER



Greetings from Phi Chapter.

As we look back over the past year here at Phi Chapter, we are able to recall many fine moments and successes. We

anticipate another such year under the direction of our new set of officers. Our new officers are Myron E. Whitney, regent; Clifford L. Schrader, vicerregent; James N. Dresser, reelected to the office of scribe; Carl S. Hinshaw, treasurer; Jerry L. Yohey, corresponding secretary; David A. Pfaff, steward; and Robert E. Mast, reelected as house manager. Brother E. C. Thoma, professor of civil engineering is back as our chapter adviser after a year's leave of absence to finish work on his doctorate.

Scholastically Phi Chapter finished fifth among the forty fraternities at Purdue. Brother Tom Clement led the house. Several of the brothers have been elected to honoraries on campus. Brother Richard Backus is currently pledging both Pi Tau Sigma and Tau Beta Pi. Brother Alan C. Gallagher is now a member of Tau Beta Pi. Brother Fred W. Schardein II, who is photography editor of the school yearbook, the *Debris*, has been initiated into the Gimlet Club, an activities honorary for seniors. Brother Clifford Schrader is a member of the Skull and Crescent, sophomore activi-

ties honorary. Brother Carl Hinshaw is a member of the Arnold Air Society, honorary for AFROTC cadets. One of our pledges, James Marrone, is also a pledge to Phi Eta Sigma, freshman scholastic honorary.

New initiates during the past two years are Brothers Myron Whitney, David Pfaff, and Jerry Yohey. We currently have 15 actives and 11 pledges.

Our social events during the past year were led off by the Album of Stars Dance with four other Purdue fraternities; this year the dance featured the Benny Goodman Band. Other social activities have included an Easter Egg Hunt for underprivileged children, which we sponsored together with one of the sororities on campus; our pledge dance, a casino party, our spring dance, and the annual Batt Boat Race on the Wabash River.

We have participated in basketball, softball, horseshoes, and golf on the athletic front. Some of the brothers have also participated in the all-campus bridge tournament and have done quite well. Several professional programs have provided us with interesting and informative insights into the world of industry.

During the past summer the entire chapter house was rewired, the kitchen remodeled, and several of the rooms repainted.

We have enjoyed a fine year here at Phi Chapter and we wish our brothers elsewhere the same.

## Chi Bustin' With Sociability

by JIM EIDEL



Now that things are back to normal at the Theta Tau house at 840 E. 4th St., and now that the engineers of the University of Arizona's rapidly expanding engineering and mining colleges have slowed down a bit, I shall have to relate Theta Tau's busy story of a wonderful semester and a half.

Things are getting back to normal after our annual Engineer's Day and dance. Since Engineer's Day is one day, the dance, at which Theta Tau presents an outstanding senior award, is the next, and since every good slip-stick holder starts the night before the first day, this weekend is a blast. Heading this celebration honored by the name and officiation of St. Pat, himself, was Theta Tau Duane Lingafelter, proxy of the Engineers' Council and Gene Krumlauf, vice-president. These capable men were aided by Bill and Lee Bodenhamer, Terrill Ewbank, Nick Johannesma, Bob Morin, Dick Mercier, and Jim Simms, under whose eye was published the Blarney Book which ground the Aggies into the ground from which they came with such pointed puns as:

"You know they wouldn't let me register in the Aggie college."

"How come?"

"I told them my parents were married."

We proudly announce our new officers: Jim Simms, regent; Dick Williams, vice-regent; Ray Luci,

scribe; Frank (Peso) Solano, treasurer; and Jim Eidel, corresponding secretary.

We are prejudicially proud of our past regent who was named "The Outstanding Male Independent on Campus" recently.

We are especially known for our taco picnics of which we have had two this school year in conjunction with rush.

Speaking of picnics, Phil Newlin, our adviser, held a venison barbeque for actives and alumni. It was a tremendous success and much thanks is due to Phil and his gracious wife.

Our initiation and the Founders' Day Banquet coincided this year. We held the festive occasion at the Hula Hut. The always entertaining Dr. Lance of the Geology Department was our speaker, and Andy Marum was our talented M. C.

Of wheels in the colleges themselves, we have no end:

Stan Grimes, Duane Lingafelter, and Terrill Ewbank were all chosen as Outstanding Engineer of the Week. Stan captained our undefeated University of Arizona wrestling team.

Dick Mercier was president of the student branch of AIEE-IRE.

Dick Williams replaces Brother Ewbank as president of A. S. C. E. Brother Ewbank is president; Charlie Hammer, vice-president; Jim Simms, treasurer; and Dick Williams, secretary of the Southwestern Section of the A. S. C. E.

Gene Krumlauf was veeep of the A.I.M.E. and Don Zimmer is treasurer of the A.S.M.E.

Our most recent addition is the

acquisition of twelve new pledges. Headed by pledge Regent Bob Benedict and pledge Vice-Regent Chuck Jones, they are John Balla, Don Bird, Jack Gilbert, Lincoln Hathaway, Dick Lauder milk, Joe Lennon, Tom

Jimmerson, Ron Schuck, Bob Rupe, and Chuck Weir.

We are expecting a lot of this fine pledge class and we are also expecting as good a year in '58 as we had in '57.

## Psi Leads In Scholarship

by WILLIAM H. PAINTER



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

The fall semester ended with the election of new officers for the coming year. The new chapter officers are as follows: regent, Gus Coolidge; vice-regent, Robert Wylie; scribe, John Hunter; treasurer, Alan Kerr; corresponding secretary, William Painter; inner guard, Claud Pickard; outer guard, Richard Roberts; and marshal, Joseph Bato.

Psi Chapter now has 27 actives and 12 pledges. Our chapter adviser is

Professor Doug Harnish, Head of the Petroleum Department. He has been very helpful and his participation in the activities of this chapter has greatly assisted in making this a successful year.

As we have done every year since 1954, Psi Chapter has great hopes of winning the Montana School of Mines Intramural Trophy for our mantel. This year Psi men are participating in basketball, volleyball, soccer, horseshoes, softball, table tennis, and handball.

Psi initiated Mr. John McCaslin into honorary membership in February and in March we initiated Dick Roberts, Bill Cronin, and Gordon



Front row, left to right: John Hunter (scribe), Doug Harnish (adviser), Gus Coolidge (regent), Alan Kerr (treasurer)

Back row, left to right: Claud Pickard (building fund), William Painter (corresponding secretary), Bob Wylie (vice regent), Joe Bato (marshal)

Ziesing. We plan to have an initiation during the regional convention here April 25-26.

Claud Pickard was elected to the office of head of our new building fund and if the alumni keep supporting us a house will be a reality in the near future.

Psi Chapter lead the grade index at Montana School of Mines for all engineering students and with our new pledge class, we hope to remain on top for quite some time.

The annual Psi Founders' Day celebration is being planned and from



William Painter and Alan Kerr clean intramural trophies

all indications it will be one of the best in quite a few years.

## Omega Athletes Bring Home Bacon

by DICK SHELDON

**RAPID CITY  
S.D.**

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

The past year has been under the fine leadership of Wayne Burk, regent; Ken Sunding, vice-regent; Hans Socrison, scribe; Harold Ehrman, treasurer; Barry Bradshaw, assistant treasurer; and Leo Hughes, corresponding secretary.

Elections were held recently and the newly installed officers are Ren Whitaker, regent; Cam Kuehl, vice-regent; Lou Riemenschneider, scribe; Larry Clair, treasurer; and Dick Sheldon, corresponding secretary.

There are 34 active members, 23 pledges and 11 honorary and alumni members. Two honorary members were recently initiated into the fraternal bond of Theta Tau. They are Professors C. A. Grimm and W. V. Coyle. We extend hearty congratulations to them. There are 8 of our pledges who will become active by

the time this issue of THE GEAR is published.

Omega Chapter also extends its congratulations to the following brothers who were initiated last fall: L. Blair, E. Brodsky, D. Dewey, R. Lerdal, R. Miesen, R. Pederson, G. Radford, R. Scherr and J. Waltner.

The social activities of last fall included one smoker. We introduced the aims and purposes of Theta Tau to about 60 guests. By meeting and talking with all the guests, we found most of our present pledges, giving special attention to those who seemed highly interested in the fraternity.

During the winter quarter, we held our Christmas Banquet. Everyone enjoyed a fine meal before leaving with his date for the school Christmas formal. The Cinch Buckle T Western Dance was also held during the winter quarter. It was held at the Meadowbrook Country Club and everyone enjoyed it in true Western style.

Plans are now being completed for our annual Spring Formal. This is

usually held at a scenic game lodge in the Black Hills. It consists of a banquet followed by a dance. Brother Braun and his committee deserve a "well done" for a fine job this year.

As far as athletics go, Omega Chapter is again looking forward to winning the intramural basketball crown. We also have two teams in the bowling league. One team is in first place and the other is in fourth place of an eight team league. Brother Riemenschneider and his committee are to be congratulated for their fine organization of the athletic program.

Our Professional Development Program was very successful again this year. There were not as many meet-

ings as last year, but the caliber was very high this year. The school as a whole has a high regard for these programs. Brother R. Whitaker and his committee deserve the credit for making this phase of our fraternity successful.

Brothers A. Satterlee, J. Adams, F. Ehrman, and H. Sacriston were voted to *Who's Who*. Brothers H. Ehrman, R. Whitaker, C. Braun, and D. Grow were initiated into a national honorary fraternity, Sigma Tau.

This has been a very successful year for Omega Chapter and we look forward to many more. Best wishes to all our brothers for continued success.

## Gamma Beta Powerful At G. W. U.

by JOHN D. O'NEALE



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

The officers of Gamma Beta for the past year have been: Ray Sullivan, regent; Vince Rider, vice-regent; Chuck Hunter, scribe; Dick Browne followed by Jim Lear, treasurer; Bud Ryerson followed by Jack O'Neale, corresponding secretary; Phil Payne, assistant scribe; Mickey Boothe, assistant treasurer; Don Apperson, marshal; Norm Street, inner guard; and Rex Booth, outer guard.

Our faculty adviser this year is Professor Benjamin C. Cruikshank, executive officer of the Department of Mechanical Engineering. We are very fortunate to have Past Grand

Regent Norman B. Ames back home after an absence of one year.

Our spring initiation was held March 15th and Gamma Beta now has 40 active members. We hope to obtain a large pledge class next semester since 18 of our actives will graduate in June.

During the past year, our social activities have included three pledge parties, a picnic, and our fall and spring initiation banquets and balls. At the present we are planning several parties which are to be held before the end of the semester and a picnic which will be held during the summer vacation.

The majority of the leaders of the Engineering School this year are members of Theta Tau. Vince Rider is president of the Engineers' Council and was recently elected to "Who's Who in American Colleges and Universities." Brothers Phil Payne, Woody Everett, and Jim Lear are

serving the Council as vice-president, secretary, and treasurer respectively. Five other brothers are also members of the Council. Brother Bob Shuken is serving the Student Council as advocate.

Theta Tau is also well represented in the professional societies. Norm Street and Woody Everett are president and secretary of the AIEE-IRE, Jerry Renton is vice-chairman of the ASME, while Les Robinson and Mike Gail are president and treasurer of the ASCE.

*Mechelec*, the Engineering School magazine, is being put out by brothers Jim Lear, Woody Everett, Jerry Renton, Vince Rider, Tom Coleman, Ronnie Grossman and Clif Hall under the capable direction of editor Ray Sullivan.

Brothers Bob Reining, Chuck Hunter and Mickey Boothe have been assigned positions of responsibility in the 140th AFROTC Detachment

this year. Cadet Colonel Reining is the Group Commander, Cadet Lieutenant Colonel Hunter is the Group Inspector, and Cadet Major Booth is the Materiel Officer.

Gamma Beta is proud to announce that we have 10 brothers in Sigma Tau and 4 brothers in the Arnold Air Society, the military honorary. Ray Sullivan and Bob Shuken were recently initiated into ODK, a junior and senior mens' honorary, because of the leadership capabilities which they have exhibited while attending the university.

At the present time, the Chapter is preparing for the Regional Conference which will be held at Pi Chapter over the weekend of March 22.

This has been a very successful year for Gamma Beta and we are all looking forward to many more. We extend best wishes for the continued success of all our brothers. Good luck to all the June graduates.

## Delta Beta Modernizes Living Quarters

by RONALD J. WOHLFORT



The men of Delta Beta Chapter extend their warmest greetings and wish all brothers of Theta Tau the best of luck wherever they may be.

During the year Delta Beta has been guided by Ralph Baker, regent; Richard Borst, vice-regent; Kenneth Huelsman, treasurer; Ronald Wohlfort, scribe; Robert Scheer, corresponding secretary; Bill Leyers, pledge-master; Charles Hager, marshal; Rudolf Roggenkamp, inner



Warren Johnson, Tom Mapother, Martin Guinn, Bobe Pope, William Cooper



Delta Beta men show new coat of arms to Grand Scribe Pope

guard; and Gus Boeckman, outer guard.

Our membership at present consists of 29 actives and 7 pledges, of whom 9 actives will graduate in June. This will mean a net increase of 6 members during this year. Our faculty adviser is Professor Miles G. Northrop, Head of the Electrical Engineering Department. Prof. Northrop is present at most of our meetings and is a great help to us in many matters.

The school year began in September with the usual "mad" Fall Rush. We had several noon luncheons, 2 smokers, and a party at the house. The rush was very successful and we chose 8 good men for our Fraternity. In November Homecoming was of course a big event, with Delta Beta proudly displaying a model of the earth around which revolved a "Sputnik" carrying a U. of L. Cardinal to victory. A "hoop" signal, sounded over our PA system, completed the set.

After many weeks of "torture", the following men were initiated into Delta Beta Chapter on January 26, 1958: Jerry Bishop, Richard Elmer, Jerry Fairfax, Thurman Lear, Jon Miller, John Niebauer, Jerry Schmidt, and Stuart Stauss. We recently finished the Spring Rush and now have 7 pledges. Our social calendar for the rest of this year includes a party, our Jacqueminot Formal, and two picnics.

As usual, Delta Beta is very active in the University's intramural program. At the start of the basketball season in January, we were holding 4th place among 11 fraternities in the race for the All-Campus Intramural trophy. We hope to be very much in the running at the end of the year.

Last Spring we completely remodeled our living room at the chapter house, putting up plywood paneling on all walls, and installing indirect lighting. We also purchased new furniture and a hi-fi outfit. A large replica of our coat-of-arms was



hand carved by Brothers Ken Huelman and now hangs over the fireplace. Everyone has been very impressed by the "new look."

Several of our men are active in school and campus affairs. Brothers Ralph Baker and Ken Huelman were recently selected for "Who's Who in American Universities and Colleges," while Brothers Baker, Huelman, and Ronald Wohlfort are members of Sigma Tau. Brother Baker is also treasurer of the student chapter of A. I. Ch. E., a member of Omicron Delta Kappa (Honorary Men's Leadership Society), Sigma Pi Sigma, the Engineering School student Council, and is managing editor of the Speed ENGINEER. Brother Huelman is secretary of the A.I.E.E.

I.R.E., serves on the University student senate and the Engineering School student council.

We were happy to have as a visitor Brother Chester Selden, one of the new regional representatives, who paid us an impromptu visit in February. We hope to meet many more of our brothers at the Regional Conference in Detroit, April 11-12, 1958.

We would like to extend an invitation to all our brothers to visit us anytime. We are always glad to have visitors from other chapters. We sincerely hope the past year has been as successful for all chapters of Theta Tau as it has been for us, and we want to again wish all Theta Tau's the best the future holds.

## Epsilon Beta Learning About Women

by ERNEST F. K. ZUSCHLAG



The active brothers of Epsilon Beta Chapter extend fraternal greetings and best wishes to all members of Theta Tau. We sincerely hope that

the past year has been a fruitful one for all of you as, we feel, it has been for us.

Our current officers include Norm Ott, regent; Ken Halfacre, vice-regent; Gerald Lahti, treasurer; Lawrence Boczar, treasurer elect; Gerald Thomas, scribe; and Ernest Zuschlag, corresponding secretary. Dr. Harold G. Donnelly, head of the Chemical Engineering Department, remained as our able chapter adviser.

Since the last news letter our mem-

bership has been augmented by the initiation of brothers Bob Cafmeyer, George "Blue" Eskola, Gene Johnston, Bill Monteith, Jim Padden, and Gerry Straughen. Mitch Zdyb is currently cracking the whip over six pledges.

Six of our former actives have in the meantime reached what is but a goal to many of us; upon graduation from Wayne State, Bob Szczepanski, Mitchell Hill, and Ron Anderson were employed by the missile division of Chrysler Corporation, Joe Licht by Babcock and Wilcox, Tom Strahan by Allied Chemical, and John Dodge by Uncle Sam. But the army did not confine its mighty hatchet to graduates, for Brothers Earl Hendrickson and Emerson Dauncy both had to interrupt their studies to wear O.D.

While we continued to have alumni speakers for our professional pro-

gram, our social activities have somewhat expanded during the past two semesters. Sorority parties seem to have struck a popular note with all concerned: we had a great time entertaining the girls of Pi Kappa Sigma, Sigma Sigma, and Delta Zeta; an expedition into the medical field proved a bit hazardous, for when we were host to a group of student nurses from Ford Hospital, it appeared that they were rather handy with certain chemicals and indicators, in that an unfortunate but obviously premeditated "accident" involving Methylene Blue occurred, from which our esteemed social chairman, George Eskola (see above) derived his nickname.

While I personally can only recommend these types of relaxed activities to offset the professional monotony, I cannot help but mention the hazards involved; Jerry Lahti pinned Linda Gay, Delta Zeta; Bob Gurchick, Karen Weight, Sigma Sigma; Larry Boczar, Dorothy Poirier; and Norm Ott, Nancy Weir.

To return to more serious matters, we are glad to report that we finished seventh of twenty-one participating groups in intramural sports last summer, our current standing is seventh

again, and last week our pinochle wizards captured the IFC-Panhellenic championship shuffling cards.

The traditional dinner dance was held Oct. 12, at which occasion Jerry Lahti received the scholarship award, Ron Czapiewski the sports award, Jim Waldrop was cited as Most Outstanding Member, Charlie Daniels got the Pitchfork while he was still talking, and the Golden Monkeywrench was entrusted to Larry Boczar for future effective use.

Our chapter considers it an honor to have Jerry Lahti, C. E., as a newly initiated member of Tau Beta Pi as well as Chi Epsilon, honorary civil engineering fraternity.

For the weeks to come we will be kept busy with our display for the Engineering Showcase, which is an open house sponsored bi-annually by the College of Engineering and affiliated groups at Wayne State University. Our display is to depict the necessary steps of formal training of the professional engineer.

The brothers of Epsilon Beta are looking forward to reading about all chapters of Theta Tau in this issue of *THE GEAR* and hope that their contribution may help in forming a closer family bond between them.

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## Central AA Meets Monthly

by DALE R. BUSSMAN

The Central Alumni Association has been holding monthly meetings at the Sigma Chapter house on the Ohio State University campus. The major activity scheduled for this spring is

the third annual alumni banquet which will be held on April 26.

Charles Wall, a charter member of Sigma Chapter, passed away recently. Brother Wall had been very active in the affairs of the Fraternity in his many years in Columbus.

## Detroit AA Takes Active Interest In Epsilon Beta

by RICHARD G. WELCH

The annual Founders' Day Dinner Dance was held at the Frolic Supper Club in Melvindale on Saturday, October 19, 1957, and it proved to be a very successful event. There were about one hundred people attending, the group being divided about equally between actives of the Epsilon Beta Chapter and alumni of our association. We had sole occupancy of the Frolic Supper Club and its pleasant decor and atmosphere greatly added to the dance. Scottie Davies' arrangements for the band proved better than many we have had in the past. The roast beef dinner was enjoyed by all. The after dinner program included the presentation of awards by the active chapter. Brother Welch was the master of ceremonies and found a receptive audience. Harold Donnelly very graciously attended even though his wife was not at all well on the night of the big dance. Beecher Eaves and Archie Laird were the victims of similar circumstances, but the three stags had a good time and we were all glad that these three were thoughtful enough to attend.

The Christophers were the victors in last year's bridge tournament and we are in the middle of another successful bridge club year. There are about eighteen couples who participate in the monthly schedule. The bridge club has provided us with many enjoyable social evenings and we are always looking forward to next month's game.

The members of the investment club have not yet made their first million on the market, but it is a good

education for every head of a household and it is certainly a very worth while undertaking.

Charlie Wales has done an outstanding job in providing advice and counsel for the members of the Epsilon Beta Chapter. Even though he is a very busy man, Harold Donnelly manages to make the time to attend many active chapter functions and he is the object of great admiration from all of the young men in school. We are trying to be of more specific help to the actives since we feel that this is one of our fundamental purposes. In turn, our alumni members are attending the active chapter meetings where they give an informal career guidance talk concerning their individual experiences in their particular field of engineering. Epsilon Beta anticipates the possibility of losing its meeting place within a year, so it may not be too long before our two groups combine in an effort to set up a more permanent fraternity house.

We are making every effort to make our association more attractive to recent graduates. There is the problem of age differentials, widely varying interests, etc. which pose a major problem in trying to make our association and its activities appeal to all. However, we are facing up to the situation with constructive ideas. In our meetings recently we have one of the older men stand up and introduce himself, give a little talk on his school days, his family life, and his work experience, the idea in mind being that it will make the younger member feel more at home when he knows more about the older fellows.

In May we will attend the Wayne

State University Annual Alumni Reunion Dinner Dance and have already reserved two large tables for the occasion. The warm weather promises several group picnics. We hope to have an outside speaker for one of

our meetings in the very near future.

We are going to establish a Standing Operating Procedure for each office in the association so that succeeding officers will not inherit a complete snarl.

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## Southwestern AA Helps With Chi Chapter House

by A. E. HAMILTON

The officers of the Southwestern Alumni Association for the present year are A. E. Hamilton, president; R. D. Houston, secretary-treasurer.

The Association held two meetings during the past year. One meeting was the Founders' Day Banquet on November 10, and the other was an Alumni sponsored barbecue for the members of Chi Chapter on February 22, 1958.

Brother John C. Park, Dean of the Engineering College, University of Arizona, was awarded the "Outstanding Engineer Plaque" by the Southern Chapter of the Arizona Society of Professional Engineers at their annual dinner dance on February 22, 1958.

Donations, contributed by the alumni, have materially assisted in furnishing the new Chi Chapter house.

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## Twin City AA Dedicates Alpha House

by PAUL J. SLIGHT

The biggest event in the history of the TCAA occurred on December 27, 1957, when alumni and active members gathered at 515 10th Ave. S.E., to dedicate our new active chapter house. For the alumni it was an extra special occasion as it climaxed many years of dedicated work and time to provide a new home for Alpha Chapter. We are all proud of our new chapter house.

Alex Kovalchuk, Alpha '51, is now

in Los Angeles, California, with Minnesota Mining and Manufacturing reinforced plastic division.

Dick Baken, Alpha '54, is now in Hartford City, Indiana, as a production superintendent for Minnesota Mining and Manufacturing.

Earl Angell, Alpha '51, and Edward Zugschwert, Alpha '52, have recently completed their state board examinations and now are registered professional engineers in Minnesota.

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Overjoyed at the news that he was the father of triplets, an excited father rushed down to the hospital and without waiting for any ceremony dashed pellmell into the delivery room.

"Wait a minute, sir!" the shocked nurse shouted at him. "You can't go in there now, with your clothes full of germs! You're not sterile."

"You're telling me!" he cried, as he ran on.

# Alumni Notes

## ALPHA

Duncan, Kenneth, '10, was given the Distinguished Achievement Award by the University of Minnesota at the last Commencement. He has been with Pickands Mather & Co. in Duluth, Minnesota for many years, now retired.

Seterstrom, Carl E., '49, is sales engineer in Milwaukee and the Dakotas for Inland Steel Products Co. of Milwaukee, Wisconsin.

## BETA

Nicolson, Clyde W., '16, consulting engineer for North Range Mining Co., has retired but still lives in Negaunee, Mich.

Ecklesdafer, John G., '16, is now a private in the U.S. Army and has recently completed eight weeks of basic combat training at Fort Leonard Wood, Mo.

## GAMMA

Skaslen, Henry G., '10, now is at 122 Waring Ave., State College, Pa.

Brown, Walter R., '10, has his permanent address at 501 Elissner St., DeLand, Fla.

Strong, Earle A., '14, is chief engineer for the Cerro de Pasco Corporation, 300 Park Avenue, New York City.

Burns, J. J., '16, now gets mail at P.O. Box 211, Chadds Ford, Pa.

Anderson, Ray B., '18, is present assistant general manager of the industrial division of U. S. Gypsum.

Romero, Thomas B., '19, assistant division geologist for Sinclair Oil & Gas Co. gives his permanent address as 3629 Potomac, Ft. Worth 7, Texas.

Case, Wm. B., '20, now lives at 29 Valley Road, Larchmont, N. Y.

Bailey, Donald L., '21, owner of United News Co. lives at 3033 N Inyo St., Bakersfield, Calif.

Conners, Hugh M., '22, retired from the USA Reserve with rank of Colonel and is now with the U. S. Bureau of Mines and lives at 1380 Ash St., Denver, Colo.

Mitchell, George W., '23, can now be addressed at 3865 Newland St., Wheatridge, Colo.

Hutton, John L., '25, can be addressed c/o John L. Hutton Co., P.O. Box 2918, Cleveland 16, Ohio.

Bunte, Arnold S., '26, gets mail at P.O. Box 229, Golden, Colo.

Simmons, Philip W., '29, lists his address as United States Operations Mission, Djakarta, Indonesia, Department of State, Washington 25, D. C.

Patten, Andrew R., '30, is field foreman for the Texas Co. and gets mail at Box 392, Sterling, Colorado.

Trumbull, Nelson E., '32, assistant division manager for the Ohio Oil Co. is now located at 2032 South Colman, Casper, Wyoming.

Osborn, C. E., '33, now lives at 678 Stephens Ave., Grants, New Mexico.

Little, William W., '34, general supt. for Phelps Dodge Corp. gives his permanent address as P.O. Box 1996, Warren, Arizona.

Hall, LeRoy E., '35, is at 1824 Saint St. NE, Albuquerque, New Mexico.

Couch, Robert G., '36 is with Mobil Oil Co. of Peru, Apartado 1717, Lima, Peru.

Risser, Hubert E., '37, is mineral economist for the Illinois Geological Survey, Springfield, Ill.

Moulton, Wesley G., '38, can be reached at P.O. Box 68, Cripple Creek, Colo.

Crowley, Allen S., '39, assistant manager for Hercules Powder Co. gives his mailing address as 404 Main St., Joplin, Mo.

Detmar, Arthur O., '39, now lives at 1102 Talon Ave., Calgary, Alberta, Canada.

Sinclair, Andrew T., '40, now lives at 1701 Wilshire, Oklahoma City, Okla.

Thornton, Herbert D., '40, is with Union Carbide, Corp., 40 East 42nd., New York City.

Taylor, Randall H., '41, is with Duval Potash & Sulphur Co., in Carlsbad, New Mexico, and lives at 1201 N. Country Club Drive.

Leigh, Lawrence B., '42, now lives at 801 Lyra Drive, Colorado Springs, Colo.

Mann, Francis W., '43, is now at 226 S. Columbia, Naperville, Ill.

Keil, Robert W., '43, a staff member at the Los Alamos Scientific Laboratory, reports that his permanent address is 569 Rim Road, Los Alamos, N. M.

Mullinax, James A., '47, with Schlumberger Well Surveying Corp. lives at 3171 S Vine St., Englewood, Colo.

Serton, Frank A., '47, moved to 2210 Hall Ave., Grand Junction, Colo.

Campbell, Charles W., '47, is with Ameri-

can Smelting & Refining Co., Apartado Postal 210, Conala, Sinaloa, Mexico.

McNamara, William F. '48, construction engineer with U.S. Army Corps of Engineers, lives at 1620 Silver Ave., SE, Albuquerque, New Mexico.

Brown, Charles W. '48, quarry supt. for the Ideal Cement Co. now lives at 1312 West Mountain Ave., Ft. Collins, Colo.

McMinn, Robert E. '49, gets mail at 4417 NW 20, Oklahoma City, Okla.

Allan, Thomas A. '50, is at 2708 10th, Great Bend, Kansas.

Watzman, Herbert D. '50, now lives at 1215 Alger Ave., Cody, Wyoming.

Chuber, Stewart, '52, lives at 443 W Wood St., Apt. 6, Willows, Calif.

Lee, Drexel L. '52, exploration Engr. for Shell Oil Co. lives at 3145 S Raleigh St., Denver, Colo.

Young, Charles P. '52, is a mining engineer with U.S. Gypsum at Plasterco, Va. His mailing address is Box 23A, Route 2, Glade Springs, Va.

Cole, David R. '52, gets mail now at Box 506, Telluride, Colo.

Gaulke, Edgar T. '53, gets mail at P.O. Box 177, Springfield, Colo.

Hinrichs, Paul D. '53, is with Shell Oil Co., Box 845, Roswell, N. M.

Holland, John P. '53, petroleum engineer for Humble Oil & Refining Co. gets mail at P.O. Box 1271, Corpus Christi, Texas.

Meitz, Kenneth S. '53, now lives at 2102 N. 20th, Grand Junction, Colo.

Miller, Don E. '53, lives at 5533 S. Franklin, Denver, Colo.

Turner, Edgar D. '53, drilling foreman for The Texas Co. lives at 2724 Arnold St., Bakersfield, Calif.

Anderson, John M. '54, is now at 801 8th St., Butte, Montana.

Bergstrom, Theodore R. '54, is now at North 903 Burns Road, Spokane, Wash.

Fowler, Jack C. '54, is with the Ohio Oil Co., and lives at 286 East 8th, Lovell, Wyoming.

Harpe, Carl F. '54, can be addressed at 615 Lincoln, Brush, Colo.

McGlone, Allen, '54, is with Honolulu Oil Co., 414 E. Maple St., Midland, Texas.

Hohne, Robert J. '55, lives at 1736 Emley Ave., Los Angeles, Calif.

Westhoff, William J. '55, gives his address as 609th Engineer Co. (CAM), APO 221, New York, N. Y.

Emery, Henry A. Jr. '56, Casco Terrace, Falmouth Foreside, Portland, Maine.

Howard, Robert W. '56, has been reported at P.O. Box 194, Midwest, Wyoming, and also at 1706 19th St., Cody, Wyo.

Neil, James C. '56, Lt. USAF, wants mail

sent to 2333 Ogden Ave., Superior, Wisconsin.

Barry, Michael, '57, whose home is in Haxton, Colorado, is now in the research staff of Esso Research & Engineering Co., Linden, N. J.

## DELTA

Gastromueller, Carl H., '17, is new secretary and assistant treasurer of the Arthur G. McKee and Co., Cleveland, Ohio.

Herbig, Rudolph O., '19, is now Central West Regional sales manager for the Reliance Electric and Engineering Co., Cleveland, Ohio.

Focke, Theodore, '26, was recently married to Mrs. Mary DuPont, and he is president of the National U. S. Radiator Co., Johnstown, Pa. His brother Alfred is director of the Marine Physical Lab, Scripps Institute, La Jolla, Calif.

Hudson, Jay, '30, is director of industrial and public relations for Electric Storage Battery Co., Philadelphia, Pa.

Glasenapp, Allen, '32, is executive assistant to the vice-president of engineering, Mack Truck Co., Inc., Allentown, Pa.

Moore, Lewis, '33, is vice president for Grimes Mfg. Co., Urbana, Ohio.

Rowley, Marvin, '42, is now chief engineer for the Rockwell Mfg. Co., Barberton, Ohio.

Williams, Robert, '45, is equipment engineer for Bell Telephone Labs in New York and lives in Morris Plains, N. J.

Kender, Frank, '47, is sales dept. supervisor for Cleveland Electric Illuminating Co.

Seidel, Robert, '48, is assistant chief engineer for SPO Inc., Cleveland.

Melch, Kenneth, '50, is senior projects coordinator for the Carborundum Co., Niagara Falls, N. Y.

Churchill, Dwight, '52, and Miss Terry Merzduth were married in December 1957. He is with Thorshev & Cerny Co., Minneapolis, Minn.

Dyer, Kelley, II, '52, is working for a Master's Degree at Leland Stanford University.

Linn, Robert M., '52, is now with Reliance Electric & Engineering Co. in Syracuse, New York.

Stengerwald, Edward, '52, reported the birth of a son, Edward in November 1957. Brother Stengerwald is research assistant in metallurgy at Case.

Marshall, Ray, '53, is with General Electric Co. in Syracuse, N. Y.

Guyeshka, John, '54, can be addressed at Grafton, Ohio.

*Rate, Edwin, Jr.*, '54, is out of the Navy and returned to his home in Findlay, Ohio.

*Toth, Stephen*, '14, is out of the army and back with the Chicago Bridge & Iron Co.

## EPSILON

*Jenkins, Olaf B.* Hon. Epsilon, retired as State Mineralogist and 29 years with the California Division of Mines and is now consulting geologist with Carroll E. Bradbery & Assoc., Los Altos, Calif.

*Orynski, Leonard W.*, '14, is doing consulting geological work in Houston, Texas.

*Dougherty, Ellsworth Y.*, '16, is living at 1328 Middleton Court, Los Altos, California. He is mining engineer for western North America in the San Francisco agency of the U. S. Securities & Exchange Commission.

*Brunei, Louis Julien Auguste*, '16, is president of the Canadian Bishop Oil Co., a subsidiary of the Bishop Oil Co. in San Francisco, of which he is Vice President and General Manager.

*Ogilvie, Sam J.*, '17, can be addressed at 1770 East 80th St., Tulsa, Oklahoma.

*McQuiston, Frank W., Jr.*, '19, is chief metallurgist for Newmont Mining Corp., 300 Park Ave., New York City.

*Sprinkle, Robert*, '30, geologist for Shell Oil Co. is now located in Denver, Colorado. Home is at 3724 Dartmouth Ave.

*Coats, Robert R.*, '31, geologist with the United States Geological Survey, lives at 3836 La Selva Drive, Palo Alto, Calif.

*Mitchell, David W.*, '38, for some years Assoc. Prof. of Metallurgy at the University of California is now with the Puente Mineral Co. of Philadelphia, as manager of Mineral Research, Kings Mt., North Carolina, in the Lithium work there.

*Byerly, Perry Edward*, '49, is an exploration geophysicist for the U. S. Geological Survey with headquarters in Washington, D. C. Home is 3636 16th Ave. NW, Washington, D. C.

*Day, Paul S.*, '51, is geologist in charge of the Palo Alto office of the Western Gulf Oil Co., and reports the birth of a daughter born March 6, 1956. Home is at 315 Anna Ave., Mt. View, Calif.

*Bonwell, Paul F.*, '53, is a mining engineer for the Cerro de Pasco Copper Co., La Oroya, Peru.

## ZETA

*Mangelsdorf, Al H.*, '12, is currently the president of Ed. F. Mangelsdorf Bros., Inc., Seed Merchants. His mailing address is P.O. Box 327, St. Louis 3, Mo.

*Parker, R. L.*, '12, is now retired and living at 726 S. Elm, Hinsdale, Illinois.

*Coates, Charles M.*, '13, has a new address: 1610 S. Boston, Fort Smith, Arkansas. Brother Coates says he's still in the oil business. He informs us his new home is in a good fishing area.

*Butler, John S.*, '14, is the president of Butler and Butler in California. His address is 150 N. Barrington Ave., W. Los Angeles 49, California.

*Painter, Carl Elliot*, '15, has just been elected president of the American Public Works Assoc. Brother Painter also has a new address: P.O. Box 236, 702 W. 3rd St., Salt Lake City 10, Utah. He is vice-president and consulting engineer with the Waterworks Equipment Co.

*Darby, Harry*, '17, has, through a quick change of diplomacy, acquired two Mastiff pups. Brother Darby is chairman of the board of the Darby Corporation, First and Walker Ave., Kansas City 15, Kansas.

*Orrin, James W.*, '17, is presently a sanitary engineer with the City Engineer's Office, City of Detroit, Mich. His home is at 18920 Sorrento, Detroit 35, Mich.

*Holt, Hobart C.*, '18, recently retired assistant vice-president and comptroller with the St. Louis-San Francisco Railway Co., Brother Holt informs us that he will probably "wind up" in Texas, but to date Zeta has received no change from his address at 515 North and South Road, University City 5, Mo.

*Williams, J. O.*, '20, is presently living at 1041 Rosehill Dr., Boulder, Colo.

*Johnson, Martin M.*, '21, of 30 Leslie St., Newark 8, New Jersey, is a designer with the Public Service Electric and Gas Co.

*Melbourne, Sionard F.*, '22, is safety engineer with EXOS-OIR, Dept. of the Navy. He can be reached either at 2822 S. Arlington Ridge Road, or Box 26, Pleasanton, Kansas.

*Rutledge, R. M.*, '22, after 27 years in Arizona has moved to 28 Cragmont Ave., San Francisco 16, California. Brother Rutledge is Deputy Regional Engr., Region 7, with the U. S. Bureau of Public Roads.

*Saunders, Gordon*, '22, may be reached at the Bay State Abrasive Production Co., 25600 Princeton Ave., Inkster, Mich.

- gan. Brother Saunders is a district manager with Bay State.
- Endacott, Paul '23**, is the president of Phillips Petroleum Co. He may be reached at 916 Cherokee, Bartlesville, Oklahoma.
- Kindsvater, E. F. '23**, is currently president and general manager of Farm Chemicals Resources Development Corp., which is developing a mine and facilities for the production of potash. Brother Kindsvater's address is 1101 West Thomas, Carlsbad, New Mexico.
- McFarland, Paul W. '23**, is exploration manager of the foreign division of Sun Oil Co. in Caracas, Venezuela, S. A.
- James, Wallace M. '24**, is administrator of product research and development, receiving tube engineering with R.C.A. He is living in West Caldwell, N. J.
- Learned, Stanley '24**, now resides in Bartlesville, Oklahoma.
- Kennedy, Alex S. '25**, is currently district manager of the Master Electric Co. of Dayton, Ohio. Brother Kennedy's address is 4904 Glendale Road, Kansas City 12, Missouri.
- King, Ralph M. '25**, assumes over-all chairmanship of Tayne-Arkansas Company of which he is vice-president. His mailing address is Box 307, Stuttgart, Arkansas.
- Patterson, Robert S. '27**, has just completed a most successful year as president of the Engineers' Club of Kansas City. Brother Patterson is presently chief of specifications and estimates in the special projects office with Black and Veatch. His home is at 6510 Pennsylvania, Kansas City 13, Missouri.
- Gaib, George H. '28**, is managing director of Cabot Carson Ltd. He is currently in England where his address is Upson Rise, Mill Lane, Upton by Chester, Cheshire, England.
- Hardisty, William A. Jr. '32**, is currently with Regional Protection Offices, General Services Admin., U.S. Govt., Denver, Colorado. His home is at 7375 W. 33 Ave., Wheat Ridge, Colo.
- Hood, Henry J. '32**, of 88 North Country Club Dr., Rochester 18, New York, is presently assistant to the manager of development and engineering in the Apparatus & Optical Division of Eastman Kodak Co.
- Sharp, L. E. '32**, is a division engineer with the Shell Oil Co. Brother Sharp's address is 446 Louisiana Parkway, Corpus Christi, Texas.
- Chutz, Charles W. '33**, is currently superintendent of parts manufacturing with Eastman Kodak Co., address 555 Sagamore Drive, Rochester, New York. A new generation of Glutts' have entered Zeta as you may have noticed.
- Pratt, Dana '34**, is currently residing at 55 Gill Road, Haddonfield, New Jersey. Brother Pratt is sales manager of broadcast and television equipment with R. C. A.
- Spahr, Charles E. '34**, recently became the youngest man to be president of the Standard Oil Co. of Ohio. His home is at 4490 W. 214th St., Fairview Park 26, Ohio.
- Woodson, Riley D. '35**, is with Black & Veatch Consulting Engineers. Brother Woodson's address is 2012 West 50 Terrace, Kansas City 12, Missouri.
- Lamm, Max F. '36**, is chief of the design branch of the St. Louis District of the U. S. Army Engineers. Brother Lamm's address is 4361 Steins St., St. Louis 16, Missouri.
- Williams, Robert I. '36**, moved to Houston, Texas, from Denver last spring. His address is now 1401 South Coast Bldg., Houston 2, Texas. Brother Williams is employed by the Lion Oil Co., where he is director of regions.
- Brock, Frank C. '40**, sends his regards from 116 Midvale Rd., Mountain Lakes, New Jersey. He is with the Bakelite Co. as assistant chief power engineer.
- May, Vernon A. '40**, is currently manager of the Southern California District with the Marley Co. Brother May's address is 2043 Casa Grande Drive, West Covina, California.
- Rollert, Carl R. '41**, has a new address: 4403 W. 77th Terrace, Prairie Village, Kansas. Brother Rollert is a sales engineer with the Collins Radio Co.
- Bux, Harry M. '43**, is vice president and treasurer of the Box & Son Construction Co., Parkville, Mo.
- Sommers, C. L. '44**, is with Phillips Petroleum Co. Brother Sommers address is 2104 South Park, Alvin, Texas.
- Pfouts, John '45**, is a research engineer at Rocketdyne in Woodland Hills, California.
- McMahon, T. F. '46**, is presently working on his Ph.D. at Purdue University. Brother McMahon may be reached at 1801 Woodland Ave., West Lafayette, Indiana.
- Borone, Roy K. '47**, is now an engineer with the U. S. Bureau of Reclamation. His mailing address is P.O. Box 414, Glends, Wyoming.
- Carroll, Norman L. '47**, is a manufacturing engineer for the Westinghouse



- Atomic Fuel Dept., at Cheswick, Pa. and lives in nearby Bakerstown.
- Bray, Jack R., '49, is the father of a baby girl born last summer. Brother Bray is division sales manager with the Public Service Co. of Oklahoma and may be reached c/o Public Service Co., Box 627, Chickasha, Oklahoma.
- Tatly, Robert D., '49, of 19 Randolph Drive, Pensacola, Florida, is a senior engineer with the Chemstrand Corp.
- Elliott, Robert W., '50, is currently with Hiram Elliott Const. Co. Brother Elliott's mailing address is 711 Commerce Bldg., Kansas City, Missouri.
- Walker, Charles H. "Duke", '50, is now living at 3532 Revere Drive, Ft. Worth, Texas. He is a design engineer with Conair.
- McNeish, George R., '51, also has an addition to the family, Jerry Alan. Brother McNeish is a consulting geological engineer residing at 1619 E. 11, Winfield, Kansas.
- Webber, David L., '51, relates that he has two future Theta Taus who should be of age in about 18 years. Brother Webber resides at 2313 N. Moreland Ave., Indianapolis 22, Indiana. He is an experimental engineer in aircraft power turbines with the Allison Division of General Motors Corp.
- Richey, William G., '52, is with W.R.A. Engineering Company. Brother Richey is living at 1516 Barton Lane, Shawnee, Kansas.
- Smith, Keith C., '52, of 600 Victory Drive, Sharpsville, Pennsylvania, is a supervisory buyer with Westinghouse Electric Corp.
- Stinson, William, '52, has a son William Edward, born November 26, 1957, in Wichita, Kansas.
- Bruce, Robert F., '53, has a new son. Brother Bruce is a highway engineer with Howard, Needles, Tammen, & Bergendoff Consulting Engineers. His home is at 2806 E. 58th St., Kansas City, Missouri.
- Johnson, Vern, '53, is presently a sales engineer with the American Blower Division of American Standard.
- Pankratz, Paul M., '55, reports the birth of a son, David Martin, on December 13, 1957. Paul is now out of the army and works as a chemical engineer for Dow Chemical Co., Midland, Michigan.
- Taylor, Lawrence W., Jr., '55, has plans for a masters from U.S.C. Currently he is a research engineer with the National Advisory Committee for Aeronautics.
- Brother Taylor's address is 44740 Gaden Ave., Lancaster, California.
- Brown, Marshall, '56, is a process engineer with the Socony-Mobil Oil Co. Brother Brown is living at 335 Broadway, Augusta, Kansas.
- Mainz, William W., '56, is in the Air Force, stationed at Laredo Air Force Base, Texas.
- Franklin, William E., '57, is working on the Ray Pool in Kansas. He is a reservoir engineer with the Cities Service Oil Co. Brother Franklin may be reached at 617½ S. Keeler, Apt. 2, Bartlesville, Oklahoma.

## ETA

- Fiske, C. P., '14, can be addressed at Cold Spring Farm, Star Route 3, Bath, Maine.
- Freeman, Hovey, '16, completed 25 years as president of the Manufacturers Mutual Fire Insurance Co. which has now over 17 billion dollars of insurance in force and assets of over \$90 billion.
- Curtis, Brian, '17, is acting as fisheries consultant for the Pacific Gas & Electric Co., in St. Helena, California.
- Ross, Ralph, '17, has been named as president of the Board of Trustees of the Brightwood Hospital, Lyndonville, Vermont.
- Stribling, Simpson R., '17, is with ACF Industries Inc., in Riverdale, Md., as assistant to the president of the Nuclear Products-Ereco Division.
- Foster, William Chapman, '18, executive vice-president of the Olin Mathieson Chemical Co., was chairman of the celebrated committee that wrote the still secret Gaither Report on national military preparedness.
- Way, Donald, '19, is now assistant vice president of the Singer Sewing Machine Company.
- Ryer, Ed, '20, has been elected a member of the Board of Trustees, of Massachusetts Memorial Hospitals.
- Dunleavy, Edgar P., '24, is now Executive Vice President of Phelps Dodge Co. in New York City.
- Greatwood, H. Royce, '24, has offices on Montgomery St., San Francisco, Calif.

## THETA

- Meagher, Edward C., '21, was elected Vice-President of the Texas Gulf Sulphur Co. in October 1957. He can be addressed at 71 East 45th St., New York City.
- Smith, Arthur V., '33, is one of the part-

- nets in Curtis, Morris & Safford, Patent Attorneys, 530 5th Ave., New York 36, N. Y.
- Gloster, Arthur, '34, is with the Tulestad Corp., Chemical Engineers, 521 5th Ave., New York 17, N. Y.
- Dumas, John E., '37, is a partner with Brumbaugh, Free, Graves & Donohue, 90 Broad St., New York 4, N. Y.
- Boracci, Henry, '37, lives at 136-27 Franklin Ave., Flushing 37, N. Y.
- Parker, Joseph A., Jr., '37, is stationed with the Air Force in Texas.

### IOTA

- Householder, E. Ross, '18 (ex Delta) is a member of the Arizona Board of Technical Registration. Home is at 431 East Spring St., Kingman, Arizona.
- Aud, Kenneth, '20, has an office as consulting geologist at 813 Lancaster Bldg., Calgary, Alberta, Canada.
- Dunlop, William H., '22, has retired and is living at 601 12th Ave. NE, St. Petersburg, Florida.
- Pasley, James L., '25, is with the Mo. State Highway Dept., Jefferson City, Missouri.
- Beck, R. H., '34, is employed by the Minerals Engineering Co. in Grand Junction, Colo., and lives there at 910 Texas Ave.
- Hale, George A., '34, is a consulting chemical engineer in Chicago and lives at 3870 Foster St., Evanston, Ill.
- Mueller, Fred M., '38, is with Westinghouse Atomic Power Division, Idaho Falls, Idaho.
- Rhodes, A. E., '39, is now with the Public Service Co. of New Mexico as Production Manager with offices in Albuquerque.
- Sturges, H. D., '40, is now manager, manufacturing engineering dept. Wright Aeronautical Div. of the Curtiss Wright Corp., Woodridge, New Jersey, and lives on Roome Road, Towaco, N. J.
- Humphrey, John R., '42, can now be addressed at English Village, Bldg. 9, Apt. 3B, Cranford, New Jersey.
- King, Welby M., '42, is chief, Denver Area Branch, U. S. Army Ordnance District and lives at 1102 Troy St., Denver, Colo.
- Murphy, Robert E., '44, Territory Supervisor, Electronic Data Processing Machine, Type 704, IBM, Argonne National Laboratory, Chicago, Ill., lives at 1429 N. Webster, Naperville, Illinois.
- Sievert, O. M., '44, can be reached at Shadow Hills, 11327 Lorena Lane, El Cajon, California.
- Somons, Sanford L., '44, is a consulting engineer and can be addressed at Box 78, Star Route, Morrison, Colorado.
- Wygant, Kenneth, '44, is with the Electronic Data Processing Group of A. T. & T. Co. in New York City. Home is at 4 Sheridan Place, Fairlawn, New Jersey.
- Staley, Glenn, '46, is with the Illinois State Highway Dept. District 9, Carbondale, Illinois. Home is in Sesser, Ill.
- Ray, R. L., '47, is a partner in the Pyramet Co., South San Francisco, California, and lives at 1040 Park Lane, Oakland, Calif.
- Crosby, R. Allen, '48, is with the Consolidated Western Steel Div. of United States Steel Co., Maywood Plant, Calif., and home is at 5201 Paseo del Pavo, Torrance 31, Calif.
- Bachman, Wm. G., '50, is Tool Engineer, Bachman Machine Co. and lives at 8174 January Ave., St. Louis, Mo.
- Chapman, Harrison E., '50, is Construction Supt. for Northern Builders and lives at 820 Wilson Road, Wilmington 3, Del.
- Eckert, Fred H., '50, is with Dow Chemical Co., Madison, Ill., and lives at 921 Express Drive, Belleville, Ill.
- Johnston, Ralph E., '50, is industrial engineer with Duriron Inc., Dayton, Ohio, and his address is 1011 Broadview Blvd., S. Dayton 19, Ohio.
- Perrino, Peter R., '50, is a Project Engineer in the Engineering Div. of the Allshany Instrument Co., in Cumberland, Md. His mailing address is R.F.D. 23, Mason Road, Box 237, Cumberland.
- Baldwin, William, '51, received his M.S. in 1957 and is now teaching in the C.E. department of the University of Florida, Gainesville, Fla.
- Gould, David S., '51, lives at 5508 N. Stephen Drive, Peoria, Ill. He received his M.S. in 1954, and a Ph.D. from the University of Missouri in 1957.
- Slankard, Robert C., '51, is now structural engineer with General Electric Co., in Cincinnati, Ohio, where his home address is 1601 "D" Seymour Ave.
- Theerman, W. K., '51, can be addressed BRW-APO 285, New York, N. Y.
- Kel, Byron L., '52, is with Wilson Exploration Co., 1101 Sinclair Bldg., Ft. Worth, Texas.
- Mulholland, John E., Jr., '52, is District Engineer for Shell Oil Co. and can be addressed at 3460 Orchard Drive, Decatur, Illinois.
- Schafer, Robert P., '52, is with Shell Oil, Box 1810 Midland, Texas.
- Koederts, Thomas L., '53, is with Schumberger Well Surveying Co., 2405 E. Sabine, Victoria, Texas.

Gerard, James A. '14, is at the Chicago office of Allie-Chalmers Mfg. Co.

Gray, Joe E. '14, is now employed as General Manager of Spa Construction and Supply Co., in Hot Springs, Arkansas. He is married and has a son 15 months old.

Hopler, Robert B., Jr. '14, resides at 318 S. Washington, Farmington, Mo.

Padan, John W. '15, is out of the army and geologist for the Pure Oil Co., in Shreveport, La. where his home is 313 Gregg St.

Atkinson, Henry Ray, '16, Lt. USA, can be addressed at 3014 South Columbus, Arlington 6, Va.

Garland, William, '16, is research engineer for Ford Motor Co. and lives at 8677 Kinloch, Garden City, Mich.

Ford, Robert H. '17, is now at 4 Styvestand Court, Bradley Village, Poughkeepsie, New York.

## LAMBDA

Ramo, Simon, '44, Executive Vice President of the Ramo-Woolridge Co., Los Angeles electronic firm, has resigned and is now president of the new Ramo-Woolridge Division of Space Technology Labs, in Los Angeles.

## NU

Johnson, Horace H., '22, lives at 694 Valleyview Road, Pittsburgh 28, Pa.

Luitenberg, Louis C., '26, has been elected executive vice president and general manager of W. T. Grant Co. He is now living in Scarsdale, N.Y.

Harvey, John M., '34, is plant accounting engineer for Consumers Power Co. in Jackson, Mich., and lives at 119 Ridgeway St. He reports 5 children, 4 boys and 1 girl.

Latham, J. Chalmers, '36, is branch manager for Leeds & Northrup Co. in East Orange, New Jersey.

Culbertson, Robert, '44, is in the candy business at 3099 West Liberty Ave., Dormont, Pittsburgh, Pa. His brother Tom, Nu '47, is with Esso Research Laboratory in New Jersey.

Weber, Karl B., III, '47, Capt. USA, EC, received his M.S. at Purdue in June 1957, and is now at St. Anthony's, Newfoundland, as resident office engineer. He reports the birth of a daughter, Vanessa, as of Sept. 7, 1957.

## XI

Lueck, Clifford, '18, is working toward an M.S. in Chem. Eng. at Wisconsin U.

Makela, Lloyd, '18, is presently working toward an M.S. in Chem. Eng. at Wisconsin U. also.

Richards, Terrance, '18, is working for the Wisconsin State Highway Commission.

## OMICRON

Smiley, Martin W., '40, is assistant manager of the Creamery Package Mfg. Co., in Lake Mills, Wis.

Olane, William H., '48, is a product development engineer at Caterpillar Tractor and has two children. He lives at 814 Wilcox, Peoria, Illinois.

Lazenby, Charles W., '50, is training coordinator for the foreign trade group of Caterpillar Tractor Co., Peoria, Ill.

Delehery, Bill, '52, is now a service representative with Caterpillar Tractor Co., Peoria, Illinois.

Tutsch, Gorman, '52, is in the Research Division at Caterpillar Tractor Co., Peoria, Illinois.

Like, William L., '55, is a sales development engineer in the electro-chemical department, E. I. DuPont & Co., Wilmington, Del.

## PI

Bailey, C. Cabell, '37, M.D., is now president of the New England Diabetes Association. He is chief of the general medical service at the New England Deaconess Hospital in Boston, Mass.

Thomas, Jerry L., '40, is responsible for technical development with the Dupont company in Richmond, Va.

Tuthill, Arthur H., '40, is manager and part-owner of the Valco Engineering Co. in Baton Rouge, La.

Paul, Edward Lober, '52, received an M.S. in Engineering from Princeton University in June 1957.

Faulkner, Fielden Edward, II, '54, is executive vice president of Faulkner Builders Inc., Lexington, Ky.

Hamm, William Gerald, '54, is a production liaison engineer with Douglas Aircraft Co. in Santa Monica, Calif.

Beall, Richard O., '56, whose home is in Bryn Mawr, Pa., is in the U.S. Navy and stationed at the Philadelphia Naval Shipyard.

Sponto, Paul, '56, Lt. USA, of Apollo, Pa., is now with the 447th Signal Battalion, Co. C.

## RHO

- Barnhardt, C. L. '24, is City Mgr. of New Bern, N. C.
- Parrish, William Collier, '29, is senior partner and chief engineer for William Collier Parrish Association, Engineers, Nashville, Tenn.
- Ravenhark, Edwin Lee, '34, and Miss Elizabeth Goe were married on April 21, 1957 and are at home in Whiteville, North Carolina.
- Smith, Henry Brower, Jr., '38, is making his home at Briarcliffe Manor, N. Y.
- Goodman, W. J., '43, is now with the Research Laboratories of Spencer Kellogg & Sons in Buffalo, New York, where he is a member of the Engineering Research staff with the title of Chief Chemical Engineer.
- Jones, Richard W., '47, is customer engineer ET Division for International Business Machines in Winston-Salem, N. C.
- Stallings, Carlton M., '49, is now District Engineer, Virginia Electric & Power Co., South Boston, Va.
- Ricks, James Pender, '51, operates Ricks Laundry, Edenton, N. C.
- Tolen, Lewis Eric, '51, is employed by the Ford Motor Co., Dearborn, Mich.
- Hadlow, Robert E., '52, is a petroleum engineer with Humble Oil Co. in Bellville, Texas.
- Billingdy, William Everett, '57, is a mechanical engineer with Seaboard Airline Ry., Norfolk, Va.

## SIGMA

- Hanes, C. Ramond, '24, is with the Ohio State Highway Dept. in Columbus, Ohio.
- O'Rourke, James D., '26, is with Weirton Steel Co., Weirton, W. Va.
- Brown, James F., Jr., '40, is an engineer with the General Electric Co., in Cincinnati, Ohio.
- Cameron, William H., '43, reports the birth of a daughter, Kimberly Ann on December 11, 1957. Home is at 655 Senn Drive, Akron, Ohio.
- Schiapote, Eugene, '48, is tooling engineer with Electric Storage Battery Co., Cleveland, Ohio.
- Koss, John P., '49, is a staff engineer with Albert Ramond & Assoc., Warwick, Va.
- Jones, Donald F., '50, reports the birth of a third son, Kent Brian, on May 21, 1957, and home is at 873 Central Ave., New Providence, New Jersey.
- Anderison, William C., '54, is test engineer for Rocketdyne, Chatsworth, Calif.
- Kristof, Olaf E., '54, reports the birth of

- a daughter on April 4, 1957. Home is at 452 Wexham Ave., Columbus, Ohio.
- Hazel, Irena E., '56, is a graduate in training with General Motors Co., in Cleveland, Ohio.
- Click, Clifford N., '57, and Patricia Ireland were married on Aug. 30, 1957. Home is at 4017 Bell St., Niagara Falls, New York.
- Ingersoll, Richard G., '57, is a student engineer in training with National Tube Co., Lorain, Ohio.
- Ranostaj, Edward J., '57, is a junior petroleum engineer with Humble Oil & Refining Co., Midland, Texas.

## UPSILON

- Gilbert, Stanley K., '42, Major USA, is one of the staff and faculty of the General Staff College in Leavenworth, Kansas.
- McCallum, Robert D., '49, is in charge of the Commercial office of A. T. & T. in Los Angeles, Calif.
- Goodman, Harley W., '50, reports his marriage to Miss Molly Ann Bolling in September 1957 in Alma, Ark. They are living in Fort Smith, Ark. where he is in business with his father.
- James, David H., '50, is a project engineer with Brown Engineering Co. in Huntsville, Alabama.
- Moton, William R., '57, is development engineer at the Oak Ridge National Laboratory in Oak Ridge, Tenn.
- Robinson, Neal A., '57, Lt. USA, is living at 629 Stewart St., Elizabethtown, Ky.
- Stewart, Julian, '57, is a civil engineer with United Gas corp. in New Orleans, La. and home is there at 4036 Saint Charles Ave.

## PHI

- Ward, Don E., '52, is president of Engineering Testing Corp. in Villa Park and Elgin, Illinois.
- Parsons, Leonard D., Jr., '56, Lt. Col. USA, can be addressed at Research & Development, Ballistic Missiles, AF Ballistic Missile Div. Hq. ARDC, Box 162, Inglewood, Calif.

## CHI

- Michaels, James P., '57, is deputy director, Engineering & Quality at Norton Airforce Base, San Bernardino, Calif.
- Tucker, Sam, '58, is now Phoenix, Arizona, City Engineer.

Borgquist, Neil, '39, is field engineer for a big asphalt paving company in the Los Angeles area. They have about 20 plants operating. He is married and has three children. Home is at 1712 Pilgrim Way, Monrovia, California.

Orr, David H., Jr., '39, has been re-elected president of the Clifton-Morenci chapter of the University of Arizona Alumni Association. Mailing address is Box 528, Morenci, Ariz.

Coulson, Roy E., '48, is Arizona representative for the Pennsylvania Transformer Division of MacGraw Edison Co. in Canonsburg, Pa.

### OMEGA

Hernon, Robert, '30, lives at 2109 Lake St., Knoxville, Tenn.

Paddock, Fred, '32, is now at 1524 E. Virginia Ave., Phoenix, Ariz.

Moulds, Don E., '33, is with the Dept. of Interior, and lives at 932 North Mesite St., Arlington 9, Va.

Shane, Ralph, '35, lives at 932 Alderson, Billings, Mont.

Burleson, Will, '37, can be reached through Apartado Postal, 23535, Mexico City 10, D. F.

Schucknecht, Lowell, '40, Lt. Col. USA is now at Hq. 3rd Weather Wing, Offutt AFB, Nebraska.

Bigelow, Don, '41, is with Socony-Vacuum in Calgary, Alberta.

Brady, Fred, '43, is at 1244 Ames, Springfield, S. D.

Rossett, Joe, '43, is at the Naval Station, China Lake, Calif.

Kupulka, Robert, '44 is with National Lead Co., Box 559, Laredo, Texas.

Meyer, Haslan, '44, is City Engineer, Huron, S. D.

Burrill, Scott L., '47, is now general foreman of the mill of the Kennecott Copper Co., McGill, Nevada.

Colgan, Arthur, '47, and family live in Garden Grove, Calif.

Trompeter, Dick, '47, Lt. USN is Resident Engineer in charge of construction, Naval Air Station, Barbours Point, T. H. Heck, Marvin, '48, lives at 1906 South Hawthorne, Sioux Falls, S. D.

Shay, Lee, '48, is at 1422 Regent St., Schenectady, N. Y.

Withee, Warren, '48, is a supervisor for the Corps of Engineers, Minot, S. D.

Husley, Henry, '49, is geologist for Amerada Petroleum Corp., Bismarck, N. D.

Plummer, Wayne, '49, reports the birth of a daughter in March 1957; now there are 5, 2 girls, 3 boys. Home is at Belle Fourche, S. D.

Abild, Vernon, '50, is with Boeing in their Pilotless Aircraft Div. and lives at 2612 10th Ave. N., Seattle 2, Wash.

Burns, Robert, '50, Lt. USN, can be addressed VP 28, c/o FPO San Francisco.

Campbell, Donald, '50, is senior engineer with the Texas Co., Wilmington, Calif., and lives in nearby Downey.

Winburn, Charles, '50, is at 1260 Russell Blvd., Denver 16, Colo.

Rathbun, Grove, Jr., '52, is a graduate student at the University of California in Berkeley. He reports a son, Steven Grove, born October 27, 1957.

Bierwagen, Elmer, '53, is a geologist for Socony-Mobil in French West Africa.

Hansen, Walter G., '53, is at M.I.T. and home is at 943 Belmont St., Watertown 72, Mass.

Cohan, William, '55, and Adeline L. Harkness were married in San Francisco, October 20, 1957.

Feldt, Bertion R., '55, is with Pan American Petroleum, Casper, Wyoming.

Leiter, Kenneth, '55, is with A. S. & R. Co. in El Paso, Texas, and lives at 1717 North Stanton St., and he received his M.S. at Utah in 1956.

Ulrich, John, '55, is with Petty Geophysical Co., Party 22, Arpaio Acres 540, Magangué, Colombia, S. A.

Bump, James R., '56, is a 2nd Lt. in the Army and was recently assigned to the 1st Engineer Battalion at Ft. Riley, Kan.

Golding, Don, '56, is Platoon Leader, 568 Light Equipment Co., APO 165, New York City.

Padgett, David, '56, is a surveyor US Army, Presidio, S. F. and lives at 244-A 21st Ave., San Francisco 21, Calif.

Skogen, Duane, '56, is with Continental Oil Co., in Ponca City, Okla., and lives there at 1800 Hudson Drive.

Tucker, William, '56, is asst. party chief, General Geophysical Co., Box 432, Lander, Wyoming.

Des Jaraiz, Gerald, '57, Lt. USA is at Ft. Riley for the next two years.

Spring, Stanley G., '57, Lt. USA is permanently located in Orleans, France, and his address is 541 Eng. Det., APO 18, New York.

### DELTA BETA

Jarrett, William E., '55, is an Ensign USNR. He gets mail at 1834 Jewell St., San Diego 9, Calif.

# Chapter Advisers

- ALPHA—Prof. Miles S. Kersten, C.E. Dept., University of Minnesota, Minneapolis, Minn.
- BETA—Dean L. F. Duggan, Michigan Tech., Houghton, Mich.
- GAMMA—Prof. Samuel Shaw, Mining Engineering Dept., Colorado School of Mines, Golden, Colo.
- DELTA—Prof. L. J. Reardon, C.E. Dept., Case Inst. of Tech., Cleveland, Ohio
- EPSILON—Dr. Samuel P. Welles, 982 Santa Barbara Rd., Berkeley, Calif.
- ZETA—Dr. J. O. Malony, 830 Missouri, Lawrence, Kansas
- THETA—Prof. Elmer Gaden, Dept. of Chem. Engineering, Col. of Engr., Columbia University, New York 27, N. Y.
- IOTA—Prof. Ralph Schowalter, Dept. of Mech. Engr., Missouri School of Mines, Rolla, Mo.
- LAMBDA—Prof. Preston Linford, C.E. Bldg., U. of Utah, Salt Lake City, Utah
- MU—Prof. William K. Rey, P. O. Box 664, University, Ala.
- XI—Dr. G. A. Rohlich, 9 Hydraulics Laboratory, U. of Wis., Madison, Wis.
- OMICRON—Prof. D. E. Metzler, Eng. Bldg., Univ. of Iowa, Iowa City, Iowa
- PI—Prof. Henry L. Kinnier, C. E. Dept., Univer. of Va., Charlottesville, Va.
- RHO—Mr. A. A. Carlyle, Research Engr., Ind. Exp. Program, N. C. State College, Raleigh, N. C.
- SIGMA—Prof. Edmund D. Ayres, 2595 Berwyn Rd., Columbus 21, Ohio
- TAU—Prof. Gerald Walsh, Dept. of Engr. Drafting, Bldg. No. 5, Syracuse University, Syracuse 10, N. Y.
- UPSILON—Prof. J. R. Bissett, C.E. Dept., Univ. of Arkansas, Fayetteville, Ark.
- PHI—Prof. E. C. Thoma, Freshman Engineering Department, Purdue University, West Lafayette, Ind.
- CHI—Prof. Philip D. Newlin, University of Arizona, Tucson, Ariz.
- PSI—Prof. Koehler Stout, Montana School of Mines, Butte, Montana
- OMEGA—Prof. Harold H. Wells, S. D. School of Mines, Rapid City, S. D.
- GAMMA BETA—Prof. B. C. Cruickshanks, 1733 Fourth St. N. W., Washington 11, D. C.
- DELTA BETA—Prof. M. G. Northrop, E.E. Dept., Univ. of Louisville, Louisville, Ky.
- EPSILON BETA—Dr. Harold G. Donnelly, Engr. Col., Wayne State U., Detroit, Mich.

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Chapter \_\_\_\_\_ Class \_\_\_\_\_  
\_\_\_\_\_

Change Mailing Address FROM

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\_\_\_\_\_  
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State

Permanent address from which mail will always be forwarded to you:

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Post Office

\_\_\_\_\_  
State

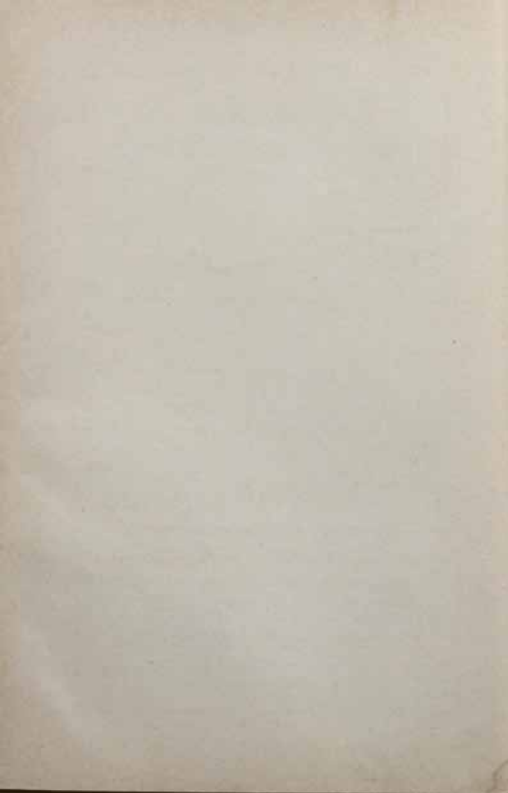
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