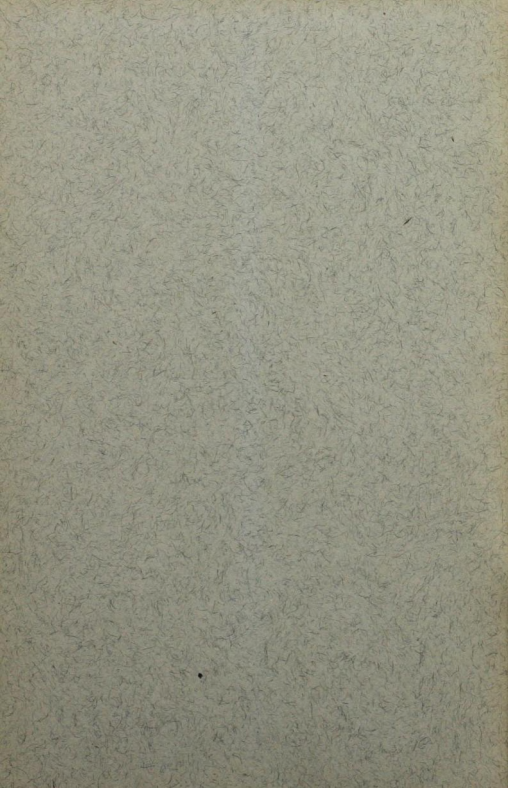


*The* GEAR  
*of*  
THETA TAU

Spring 1948

VOLUME XXXVII

NUMBER 2



*The* GEAR of  
THIETA TAU



SPRING, 1948

VOLUME XXXVII

NUMBER 2

# Theta Tau Fraternity

Founded at the University of Minnesota October 15, 1904

## FOUNDERS

ERICH J. SCHRADER  
W. MURRAY LEWIS

ISAAC B. HANKS  
ELWIN L. VINAL

## EXECUTIVE COUNCIL

- R. W. NUSSER, Zeta '28 . . . . . *Grand Regent*  
5227 Brookwood Avenue, Kansas City, Mo.  
N. B. AMES, Gamma Beta '17 . . . . . *Grand Vice-Regent*  
8 Westwood Drive, Washington 16, D. C.  
ERICH J. SCHRADER, Alpha '05 . . . . . *Grand Scribe*  
Box 244, Reno, Nevada  
PROF. JAMISON VAWTER, Zeta '16 . . . . . *Grand Treasurer*  
307 Engineering Hall, University of Illinois, Urbana, Ill.  
PROF. DONALD D. CURTIS, Omicron Honorary '19 . . . . . *Grand Marshal*  
Clemson, South Carolina  
A. D. Hinckley . . . . . *Grand Inner Guard*  
90 Morningside Drive, New York 27, N. Y.  
PROF. GEORGE W. CARTER . . . . . *Grand Outer Guard*  
1911 Lake Street, Salt Lake City 5, Utah

## DELEGATE AT LARGE

- RUSSELL G. GLASS . . . . . *Past Grand Regent*  
23401 Chardon Road, Euclid, Ohio

## THE GEAR OF THETA TAU

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

## ALUMNI ASSOCIATIONS AND CLUBS

- Central Ohio*—J. J. Visintine, 1178 Virginia Avenue, Columbus 8, Ohio  
*Chicago*—Nick Trbovich, 4225 Ivy Street, East Chicago, Ind.  
*Cleveland*—Gustav Kodet, 2964 Ripley Road, Cleveland 20, Ohio  
*Intermountain*—J. W. Jenkins, P. O. Box 403, Salt Lake City, Utah  
*Kansas City*—Edwin A. Elliott, 7424 Highland, Kansas City 5, Mo.  
*Los Angeles*—J. W. Sumnicht, 4351 Verdugo Road, Los Angeles 41, California  
*National Capitol*—Robert G. Weston, 1802 Key Boulevard, Arlington, Va.  
*Northwestern*—Davidson Piper, 1732 Adams St., Butte, Montana  
*Twin City*—G. F. Hupp, 5100 Halifax Ave. So.-Edina, Minneapolis 10, Minn.  
*Southwestern*—Robert L. Houston, University of Arizona, Tucson, Ariz.  
*Louisville Alumni Club*—c/o Theta Tau, 2022 S. First St., Louisville, Ky.  
*Fort Wayne Alumni Club*—Robt. J. Winner, 1635 Broadway, Fort Wayne 2, Ind.

## MEMBERS OF THE PROFESSIONAL INTERFRATERNITY CONFERENCE

ARCHITECTURE, Alpha Rho Chi. CHEMISTRY, Alpha Chi Sigma. COMMERCE, Alpha Kappa Psi, Delta Sigma Pi. DENTISTRY, Delta Sigma Delta, Psi Omega, Xi Psi Phi. EDUCATION, Kappa Phi Kappa, Phi Delta Kappa, Phi Epsilon Kappa, Phi Sigma Pi. ENGINEERING, Theta Tau, Sigma Phi Delta. JOURNALISM, Sigma Delta Phi. LAW, Gamma Eta Gamma, Delta Theta Phi, Phi Alpha Delta, Phi Beta Gamma, 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. PHARMACY, Kappa Psi.





# Chapters

- ALPHA, *Founded October 15, 1904* - - - - University of Minnesota  
(Chapter house) 324 Walnut St., S. E., Minneapolis, Minn.
- BETA, *Established March 26, 1906* - Michigan College of Mining and Tech.  
(Chapter house) 1405 College Ave., Houghton, Michigan
- GAMMA, *Established November 8, 1907* - - - Colorado School of Mines  
c/o Dean M. I. Signer, Colo. School of Mines, Golden, Colo.
- DELTA, *Established May 23, 1911* - - - - Case Institute of Technology  
Theta Tau Box, Case Institute of Technology, Cleveland, Ohio
- EPSILON, *Established May 4, 1911* - - - - University of California  
Theta Tau Box, Hearst Mining Bldg., Univ. of Calif., Berkeley, Calif.
- ZETA, *Established April 17, 1912* - - - - University of Kansas  
(Chapter house) 1602 Louisiana Street, Lawrence, Kansas
- THETA, *Established May 26, 1914* - - - - Columbia University  
c/o Prof. Nelson S. Fisk, Col. of Eng., Columbia University, New York City
- IOTA, *Established February 5, 1916* - - - - Missouri School of Mines  
c/o Prof. J. B. Butler, Missouri School of Mines, Rolla, Mo.
- LAMBDA, *Established April 29, 1920* - - - - University of Utah  
c/o George W. Carter, College of Engineering, Univ. of Utah, Salt Lake City
- MU, *Established January 3, 1922* - - - - University of Alabama  
P. O. Box 2043, University, Alabama
- NU, *Established January 1, 1922* - - Carnegie Institute of Technology  
P. O. Box 114, Carnegie Institute of Technology, Pittsburgh, Pa.
- XI, *Established January 13, 1923* - - - - University of Wisconsin  
c/o Dr. G. A. Rohlich, 9 Hydraulics Laboratory, Univ. of Wis., Madison, Wis.
- OMICRON, *Established February 3, 1923* - - - State University of Iowa  
Box 44, Iowa Memorial Union, Iowa City, Iowa
- PI, *Established May 26, 1923* - - - - University of Virginia  
c/o Prof. Lawrence R. Quarles, College of Engineering, University, Virginia
- RHO, *Established February 16, 1924* - N. C. State College of Ag. and Eng.  
c/o Prof. T. C. Brown, M.E. Dept., N. C. State College, Raleigh, N. C.
- SIGMA, *Established November 29, 1924* - - - - Ohio State University  
c/o Prof. Francis W. Davis, College of Engineering, Ohio State, Columbus, Ohio
- TAU, *Established December 12, 1925* - - - - Syracuse University  
c/o Prof. D. E. Stearns, Col. of Applied Science, Syracuse Univ., Syracuse, N. Y.
- UPSILON, *Established April 7, 1928* - - - - University of Arkansas  
(Chapter house) 213 N. Church St., Fayetteville, Arkansas
- PHI, *Established April 21, 1928* - - - - Purdue University  
(Chapter house) 416 North Chauncey, West Lafayette, Indiana
- CHI, *Established April 23, 1930* - - - - University of Arizona  
Theta Tau Box, Engineering Bldg., University of Arizona, Tucson, Ariz.
- PSI, *Established May 7, 1932* - - - - Montana School of Mines  
Theta Tau Fraternity, Care of Montana School of Mines, Butte, Montana
- OMEGA, *Established March 26, 1932* - - - - S. Dakota School of Mines  
(Chapter house) 107 Kansas City St., Rapid City, S. Dak.
- GAMMA BETA, *Established March 16, 1935* - George Washington University  
c/o Prof. N. B. Ames, George Washington University, Washington, D. C.
- DELTA BETA, *Established May 20, 1939* - - - University of Louisville  
(Chapter house) 2022 S. First St., Louisville, Ky.



# Professional Interfraternity Conference Meets in Chicago

The Thirteenth Biennial Professional Interfraternity Conference met in Chicago on March 6 at which discussions were held on the subjects of national conventions, financing at the national level, membership qualifications, publications, central offices, and increasing the effectiveness of the professional fraternity. Theta Tau was represented by Russell G. Glass, Past Grand Regent, and Jamison Vawter, Grand Treasurer, both of whom were among the discussion leaders.

Brother Glass noted a number of items of information which are of interest to Theta Taus. Of the thirty-two professional fraternities, all but four are now members of the Conference. More than half of the member fraternities have a national initiation fee in excess of \$15. Fifty percent also include a life subscription to the

fraternity magazine in the initiation fee, but in most cases this makes the fee \$50 or more. Annual dues for actives average \$5 and 30 percent of the fraternities attempt (unsuccessfully) to collect alumni dues. Members of Theta Tau will see from these figures that our National officers are giving us efficient management at less than average cost.

The professional fraternities noted a vigorous growth. Fifty percent of them are initiating twice as many men per year as they did in 1940. Seven of them now maintain a national office and sixteen publish a magazine quarterly or oftener. Twelve publish on a semi-annual basis; among these is Theta Tau.

Membership statistics released by the P.I.C. last fall are of interest.

## CHAPTERS

	Year Founded	Total Number of Initiates	Active	Inactive	Schools Dis- continued
<i>Architecture</i>					
Alpha Rho Chi	1914	1,700	5	5	0
<i>Chemistry</i>					
Alpha Chi Sigma	1902	19,348	44	7	2
<i>Commerce and Business Administration</i>					
Alpha Kappa Psi	1904	19,880	47	16	2
Delta Sigma Pi	1907	18,769	46	15	4
<i>Dentistry</i>					
Delta Sigma Delta	1882	21,086	32	1	4
Xi Psi Phi	1889	15,250	27	9	13
Psi Omega	1892	34,058	32	6	18
<i>Education</i>					
Phi Delta Kappa	1906	39,482	59	1	0
Phi Epsilon Kappa	1913	4,650	19	9	1

Phi Sigma Pi	1916	3,736	15	6	0
Kappa Phi Kappa	1922	13,019	22	30	0
<i>Engineering</i>					
Theta Tau	1904	10,268	24	2	0
Sigma Phi Delta	1924	1,724	7	3	1
<i>Journalism</i>					
Sigma Delta Chi	1909	14,596	46	16	0
<i>Law</i>					
Phi Alpha Delta	1897	17,537	54	4	8
Delta Theta Phi	1901	21,390	59	21	4
Gamma Eta Gamma	1901	6,894	23	14	0
Sigma Delta Kappa	1914	10,703	16	25	5
Phi Beta Gamma	1922	1,500	6	3	1
<i>Medicine</i>					
Nu Sigma Nu	1882	23,309	42	1	1
Alpha Kappa Kappa	1888	21,931	44	19	5
Phi Chi	1889	30,640	57	13	0
Phi Rho Sigma	1890	15,566	27	6	3
Phi Beta Pi	1891	20,541	40	10	4
Theta Kappa Psi	1898	8,850	12	9	36
Phi Delta Epsilon	1904	9,500	47	10	3
Phi Lambda Kappa	1907	3,800	14	22	0
<i>Pharmacy</i>					
Kappa Psi	1879	16,500	33	11	8
Totals		426,227	899	294	123

At the close of the meeting the following men were elected to office: R. W. Lemley, Delta Theta Pi, Law, President; J. D. Sparks, Alpha Kappa Psi Commerce, Vice President; J. R. Kuebler, Alpha Chi Sigma, Chemistry,

Secretary-Treasurer; H. G. Wright, Delta Sigma Pi, Commerce, Trustee; Dr. W. A. Mann, Medicine, Trustee; and Dr. P. J. Aufderheide, Dentistry, Trustee; and Russell G. Glass, Engineering, Trustee.

## *Your Responsibility for Atomic Energy Control*

by Howard P. Morrison, Nu '48

The atomic explosion at Los Alamos, New Mexico, in 1945 created more than one kind of upheaval. For in addition to its technical implications, it brought about the first large scale interest of technical people

This article, reprinted from the Carnegie Technical, was the prize winning Tau Beta Pi essay in a recent contest.

in the consequences of their work. I refer, of course to the Federation of American Scientists. It is encouraging to find engineers and Scientists showing such awareness of social responsibility. However, there is one aspect

of the situation which seems inconsistent. Why do we, as engineers and scientists, feel a strong responsibility for the development of atomic energy, yet ignore the responsibilities for all other aspects of the technological age? Why are we troubled about World Peace and the use of atomic energy but not much troubled, as technical people, about the proper functioning of our domestic, social, and political system? It seems to me that World Peace is not built in international council, where great figures of state engage in writing protocol, but in every citizen's daily life. How he, multiplied by millions of others, lives within the social and economic framework that is provided for him—this determines the course of nations. Actually, the engineer's and scientist's concern over atomic energy control is directed toward effects rather than causes—a very unscientific approach. I do not mean that technical people should not feel responsibility for atomic control but that their sense of responsibility is too limited. As a group they do not have a *particular* responsibility for atomic control. Their responsibilities, now that nuclear fission is a practical reality, are the same as those of any other group of citizens and include many additional problems.

In the past, we technical people have not been very aware of our duties as citizens. To be sure, we have noted and gone through the usual motions; but we have been so imbued with the idea of specialization that we have left our jobs in the labs, shops, and offices and shown little concern for the social implications of what we were doing. As scientists, we worked on in ivory towers, caring for nothing but the quest for more physical know-

ledge and the development of new wonders. As engineers, we served the interests of our employers first, only serving the interests of society when these interests happened to coincide with our employers'.

The result has been the achievement of amazing technical progress far beyond the capacity of our existing social machinery. It is this maladjustment, on both a domestic and inter-



national scale, which has caused our present crises and upheavals. To my mind, this is the crux of the atomic energy problem. The use of atomic energy is not intrinsically dangerous to society. What makes it dangerous at present is the fact that our social and political machinery is not sufficiently advanced to cope with it. We technical people have contributed much to this situation. As the creators and high priests of our technological civilization, we have miscarried our influence. We have not only been in-

different to social progress, but have actually hindered it by our resistance to the social sciences, and the disdain in which we have held them. We have lost sight of our goals and measured our progress by material advancement. A short look at history should convince us that great civilizations and human progress have not been founded on high standards of living, but on the advancement of social justice. In this respect, we have done very little.

So it would seem that we engineers and scientists have a dual responsibility. We must be better citizens, and we must also work to bring about social change and advancement to keep pace with our own technological changes. Certainly being better citizens means developing social and political awareness; the old adage "Eternal vigilance is the price of freedom" still holds. I think a good start is being made along these lines. The Federation of American Scientists, the British Association of Atomic Scientists, and the increased activity of the various professional engineering societ-

ies illustrate this. But more action is needed along *individual* lines. Each scientist and engineer must *also* develop a concern for what happens in his environment. He must learn to consider the consequences of his work and resist any effort which appears detrimental to society.

In order to do these things intelligently, we must undergo a process of re-education, for many technical men today, though highly skilled in their fields, have very little understanding of the non-technical aspects of their environment. No one can exercise sound judgment on these matters without a thorough understanding of the historical origins of his civilization, and the functioning of his social, political, and economic systems.

In short, the responsibility of engineers and scientists for atomic energy control lies within a broader *professional* responsibility—the desire and ability to serve humanity, not only in a technical sense, but in every phase of modern life.

## *J. E. Jagger Realizes Boyhood Dream*

James E. Jagger, Eta '24, has been named general manager by the International Association of Fire Chiefs. For the last three years he has served as assistant secretary of the American Society of Civil Engineers. Brother Jagger was active for fourteen years as a civil engineer in the waterworks field. During this period, he was, successively, assistant chief engineer and later vice president and chief engineer, of the Alabama Water Service Company, with principal offices in Birmingham. In this work, he was intimately connected with the water supply problems of many Fire Departments throughout Alabama. For

Brother Jagger, his new position will be turning an avocation into a vocation. Throughout his professional career, he has been keenly interested in all phases of the fire service field. He was the official representative of the American Society of Civil Engineers at the President's Conference on Fire Prevention held in Washington last year. He is a member of Fire Bell Club of New York whose hobby is a devotion to and interest in the fire service. Jagger's fire service interest, which dates back to his boyhood, brought him appointment as honorary chief of the Birmingham Fire Department.

*Grand Regent Announces Current Chapter Advisers*

Alpha	Dr. N. F. Ruszaj	318 Harvard S. E.	Minneapolis, Minn.
Beta	Prof. L. F. Duggan	Michigan Tech	Houghton, Mich.
Gamma	Dean. M. I. Signer	Colo. School of Mines	Golden, Colo.
Delta	Prof. L. J. Reardon	C. E. Dept Case Inst. of Tech.	Cleveland, Ohio
Epsilon	Prof. Howell Williams	Geol. Sciences Dept. Univ. of Calif.	Berkeley 4, Calif.
Zeta	Prof. G. W. Bradshaw	C. E. Dept. Univ. of Kansas	Lawrence, Kans.
Theta	Prof. N. S. Fisk	C. E. Dept. Columbia Univ.	New York 27, N. Y.
Iota	Prof. J. B. Butler	C. E. Dept. Mo. School of Mines	Rolla, Mo.
Lambda	Prof. G. W. Carter	Univ. of Utah	Salt Lake City, Utah
Mu	Prof. J. M. Faircloth	C. E. Dept. Univ. of Alabama	University, Ala.
Nu	Prof. J. M. Daniels	Carnegie Inst. of Tech.	Pittsburgh, Pa.
Xi	Prof. G. H. Rohlich	2102 Kendall Ave.	Madison, Wis.
Omicron	Prof. Ned Ashton	Univ. of Iowa	Iowa City, Iowa
Pi	Prof. L. R. Quarles	Univ. of Virginia	Charlottesville, Va.
Rho	Prof. T. C. Brown	M. E. Dept. No. Car. State College	Raleigh, N. C.
Sigma	Prof. F. W. Davis	264 Acton Road	Columbus, Ohio
Tau	Prof. D. E. Stearns	Syracuse Univ.	Syracuse, N. Y.
Upsilon	Prof. W. B. Stelzner	Univ. of Arkansas	Fayetteville, Ark.
Phi	Prof. J. R. Burnett	Purdue Univ.	West Lafayette, Ind.
Chi	Prof. E. S. Borgquist	Univ. of Arizona	Tucson, Arizona
Psi	Prof. O. S. Dingman	Mont. School of Mines	Butte, Mont.
Omega	Prof. J. O. Kammerman	S. Dak. School of Mines	Rapid City, S. D.
Gamma Beta	Prof. N. B. Ames	Geo. Washington Univ.	Washington, D. C.
Delta Beta	Prof. M. G. Northrop	E. E. Dept. Univ. of Louisville	Louisville 8, Ky.



## *D. W. Pugsley Receives Recognition*

Donald Wayne Pugsley, Lambda '35, was one of the three recipients of the Eta Kappa Nu Recognition Award honorable mention for 1944. The



winners and honorable mentions for the past six years, 1942 through 1947, were announced in January. After

graduation Brother Pugsley was employed by the General Electric Company, Bridgeport, Conn., in the receiver division of the electronics department. By 1939 he had advanced to become television engineer, responsible for the design, construction, and installation of complete television equipment in the General Electric building at the New York World's Fair. Although his activities were directed into military electronic channels with the declaration of war, he now holds the position of section engineer at the head of the television section, and is responsible for the development of all television receivers for the General Electric Company. Brother Pugsley takes an active part in community life too, teaching in the Bridgeport Engineering Institute, lecturing on television and wire recorders, and participating in church activities. In addition, he has several patents to his credit, and is serving on the Radio Manufacturers' Association and the Institute of Radio Engineers television committees.

*Bridge of Eta Kappa Nu*

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## *James O. Harder Now Chief Geologist for Homestake*

James O. Harder, Omega '31, was appointed chief geologist of the Homestake Mining Company in Lead, South Dakota last fall. With the assistance of the late President Joseph P. Connolly, then Head of the Geology Department, Brother Harder received a scholarship from Harvard University to do graduate work in geology and received his Master's degree from

there in 1932. While attending South Dakota School of Mines he had worked summers at the Homestake in the Mine Department; and at graduation, from Harvard, he entered the Geology Department under James A. Noble. In 1934, Brother Harder received a second degree from the School of Mines and Technology—the professional degree, Engineer of Mines, upon

the presentation of a thesis entitled, "Geology of a Pre-Cambrian Area at Rockford, South Dakota and Its Relation to Regional Structure of the Northern Black Hills."

Since joining the staff at Homestake, Brother Harder has held many responsible assignments. In the early stages of the war, he did exploration work for Homestake in many western states and was active in the development of a large low-grade vanadium deposit in Eastern Idaho, where Homestake was agent for the government's Metals Reserve Company. For a time in 1944 and 1945, while Homestake's mining operations were closed down by government order, he joined the U. S. Geological Survey as geologist. He

was assigned by the Survey to exploration work for critical strategic minerals and later was named Geologist-in-Charge of the "Trace Elements Unit" of the Geological Survey. Brother Harder returned to Homestake in December of 1945 and on September 1, 1947 was appointed chief geologist, replacing James A. Noble who resigned.

Brother Harder has taken active part in community organizations. He is Sunday School Superintendent, secretary of the Black Hills Section of A.I.M.E. and a member of the Lead Board of Education. He is also a member of the Society of Economic Geologists and of the Masonic Order.

*Hardrock* of S. D. School of Mines

## *Chuck Mlaker Builds New House*



Mr. and Mrs. Charles L. Mlaker, Delta '42, are shown keeping the home fires burning with their two sons in their new home at Hilltop Road, R. F.

D. No. 4, Chagrin Falls, Ohio. Brother Mlaker is sales representative for the Frank T. Goetz Machinery Company in Cleveland.

*Case Alumnus*

## *Robert Neville Married November 15*

On November 15, 1947 in the First Baptist Church of Cleveland occurred the marriage of Miss Ruby

and fraternity brothers serving as ushers were Ken Horsburgh '38, John T. Looney '38, and Francis Neville



Brown, Shaker Heights, and Robert J. Neville, Delta '38. Serving as best man was Harvey Neville, Delta '40

'48. Brother Neville is superintendent of the Electric Controller and Manufacturing Co. in Cleveland.

—Case Alumnus

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## *R. P. Schmidt Most Outstanding Student*

Robert Perry Schmidt, Rho '48, a senior in chemical engineering, has been chosen as the most outstanding student in the School of Engineering at North Carolina State College and was awarded an engraved gold watch during the final dance of the annual Engineer's Ball at Memorial Auditorium on February 21.

The award, given by the Engineers' Council, was presented to Brother Schmidt by Dean J. H. Lampe of the School of Engineering, who lauded the student's academic and extra-curricu-

lar records since he enrolled at the college.

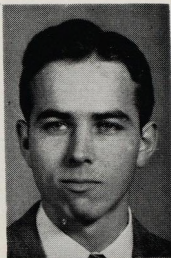
Schmidt, a graduate of Needham Broughton High School and a fighter pilot in the Army Air Corps during World War II, ranks high scholastically, having earned 212 credit hours of course work with a total of 454 honor points. He will graduate in June.

Brother Schmidt is president of the college chapter of American Institute of Chemical Engineers, treasurer of the Young People's Fellowship of

Raleigh's United Church, and treasurer of Gamma Sigma Epsilon, national chemical honor society. He is 24 years of age, is also a member of the Inter-Honor Council, Tau Beta Pi, The Southern Engineer business staff, and the Engineers' Council. He was president of Phi Eta Sigma, freshman honor organization, and was a member of the freshman rifle team. During his freshman year, he was named a Companion of Saint Patrick, patron saint of engineers the world over.

He is the son of Mr. and Mrs. Robert Schmidt and resides with his parents at 516 Gardner Street in Raleigh. His father is a faculty member in State College's Department of Horticulture.

*N. C. State College News Service*



## *J. A. Colvin Rewarded*

On October 15, 1947 at the Founders' Day Banquet, Brother James A. Colvin, Alpha '14, was presented with



a beautifully engraved electric clock for his many years of unselfish effort on behalf of Theta Tau Fraternity. For the past 20 years he has served as treasurer of the Theta Tau Association of Minnesota, and it was principally through his efforts that Alpha chapter now has a house on the campus that is entirely paid for. Brother Colvin (at left) is being presented the gift by Brother Joseph W. Skovholt, Alpha '31, the president of the Alumni Association of Minnesota.

One moment the giraffe in the Central Park Zoo was gently munching its lunch. The next, it made a wild leap over the railing of its cage and disappeared in a cloud of dust in the direction of South Ferry. A keeper rushed up to a lady next to the giraffe's cage, and demanded, "What

on earth did you do to him?" She hung her head and said, "I just couldn't resist the temptation to tickle him on a tender spot."

"Well, you better tickle me in the same spot, lady," said the keeper grimly.

"I've got to catch him." . . .

# Letters to the Editors

New York City  
February 23, 1948

Dear Brother Howe:

The American Telephone and Telegraph Company transferred me to their General offices in New York City recently and I should like to give you my new address. It is as follows: Ira K. Jones, 200 Carhini Bldg., New York 33, New York.

Leaving Washington was not easy, having spent so many happy hours at George Washington University and participating in the activities of Gamma Beta chapter. I will certainly miss the enjoyable parties they always hold and the wise counsel from Deacon Ames.

My best regards to the Executive Council.

Yours in H & T.

IRA K. JONES, Gamma Beta '40

Gamma Beta will appreciate your comments, Brother Jones. Thanks for the news of your new location.

305 George Washington Way  
Richland, Washington  
January 22, 1948

Dear Brothers:

I have just received the Fall issue of the Gear which I have very much enjoyed reading.

At the present time I am working for General Electric Co. on the Hartford Neulronics Project. The work has its interesting features and we find living conditions, especially the climate, very delightful.

We have a new baby boy, James Erle, so our little girl of four, Jane Ellen, now has a baby brother to "take care of."

We plan to go to Missouri this spring at which time I hope to get back to Rolla and see some of the Iota boys.

Yours in H & T.

A. E. RHODES, Iota '39

That family helps out on the income tax exemptions—or have you developed a way of turning lead into dollars? Thanks for the news.

March 19, 1948

Dear Brothers Howe and Mercer:

Your fraternity, Theta Tau, has a chapter here on Purdue campus, of which you can be very proud. We have never received any copies of your national publication "The Gear of Theta Tau," and would appreciate being put on your mailing list. If this is

possible, please address such copies to the writer.

Fraternally your,  
ROBERT M. HORN  
Director of Fraternity Affairs  
Office of Student Affairs  
Purdue University  
Lafayette, Indiana

Phi men may be interested.

R. F. D. #1, Box 163  
Alexandria, Virginia  
February 3, 1948

Dear Brothers Howe and Mercer:

Please change my postal address to the one shown above. I should have notified you long ago but procrastinated with the hope that I could find a more permanent place to hang my hat. It has been only recently that the high cost of building and real estate has forced me to resign myself to spending another year or two in the present cramped quarters. I don't expect to move very far when I move. I have grown to like this part of the country. Someone said "if you live in a place for five years it becomes home." I can vouch for that statement, in fact, I'm almost ready to fight "Them Damn Yankees" myself despite my early upbringing in the hills of western Pennsylvania.

I am rounding out my 13th year of losing hair and acquiring stomach ulcers over engines, carburetors, and various automatic power controls in Naval Aircraft. I'm a dyed-in-the-wool bureaucrat by this time. I won the distinguished swivelling cross with two bronze paper clips in the last war by not falling out of my leather upholstered swivel chair at any time during the four years of "flying" my green metal desk in the Bureau of Aeronautics, Navy Dept. (Total "flight" time to date is 7 years. Prior to that I put in 5½ years of "ground school" at the Navy's engine laboratory in Philadelphia.) Brother Chas. Lyman, Nu '34, is head structures engineer in the same bureau. His post-graduate history is almost a duplicate of mine. (Materials laboratory at Philadelphia and then Airplane structures and stress analysis at the Bureau of Aeronautics.)

Thanks for listening.

Yours in H & T,

HARRY A. McCULLOUGH, Nu '35

We see where you get the oil for that swivel chair, Brother McCullough. Thanks for the news.

## In Memoriam

Thomas Gerald Walsh, Mu '40, 1st Lt. USA Airforce, was killed in action over Rouen, France, on October 4, 1944. He was on his 31st mission. Brother Walsh, whose nickname was "Jerry," was born in Dunmore, Pennsylvania, on November 4, 1915. He graduated in 1940 as an aeronautical engineer and went to work at La Guardia Field, New York, for American Air Lines. He entered the army when war was declared and was a 1st Lieutenant of the Air Corps in the European Theater. He had completed 30 missions with a B-29 strafing squadron and had received the Air Medal with six Oak Leaf clusters. His brother, also a former student at Alabama, was killed in France just a month before "Jerry" was shot down. Surviving are his parents, his father, Thomas J. Walsh, being superintendent of the silk mills, Century Ribbon Co., Portage, Pennsylvania. "Jerry" was also a member of Tau Beta Pi.

David Burnett Miller, Chi '45, died on August 29, 1947. He was born in Nogales, Arizona, on June 29, 1923, the son of Mr. and Mrs. Hugo W. Miller and after finishing his high school work entered the University of Arizona to study mining engineering. He was initiated by Chi chapter on April 16, 1943, and entered the armed services on July 1, 1943. On October 22, 1944, he was married in Bisbee, Arizona, to Bonnie Jean Morris, a classmate at the University. On October 26, 1944, he graduated with the Navy V-12 class at the University of New Mexico in Albuquerque. He was then transferred to Midshipmen's school at Camp Endicott, Rhode Island, and was commissioned as ensign in February 1945. He served overseas until February 1946 when he was released from the service. At the time of his death he was manager of the Copper Electric in the Bisbee-Lowell Area of Arizona. He is survived by his widow and his parents in Nogales and a brother, Hugo S. Miller, now attending the University of Arizona.

Hugo William Crawford, Zeta '19, died of a heart attack in Bartlesville, the afternoon of November 8, 1947. He was born in Stilesville, Indiana, on December 27, 1886, the son of Alfred Newton and Hannah Isabelle Crawford. Later his parents moved to Greensville, Indiana where he graduated from High School. From 1905 to 1907 he attended Purdue University. A few years later he entered the University of Kansas, graduating as a Civil Engineer in 1919 and receiving his C. E. in 1923. He served in the armed forces as

Captain in World War I. On November 24, 1917, he was married in Lawton, Oklahoma, to Florence Davis. From 1920 to 1924 he was City Engineer in Independence, Kansas. From 1924 until 1927 he was with the consulting firm Haskins & Crawford in Kansas City and then became City Engineer of Ponca City, Oklahoma. He then joined the staff of Phillips Petroleum Co. in Bartlesville, Oklahoma, and since 1930 has been engineer in the Refining Department. He was a Knight Templar, a member of Tau Beta Pi, and of the A.S.C.E. Surviving are his widow, two sons, Davis H. and Lohn L., who are students at the University of Kansas, a brother, Allen, of Wichita, and two sisters, Miss Ruth Crawford of Indianapolis and Mrs. Claude Boys of Stilesville, Ind. Funeral services were held at St. Lukes Episcopal Church in Bartlesville where he had been a member of the vestry, and Masonic services were held at the grave in Topeka, Kansas.

William Meller Sutcliffe, Delta '25, age 44, died in the Cleveland Clinic Hospital on December 9, 1947, after an illness of several weeks. He was born in Deerfield, Ohio, and raised in Cleveland where he graduated as valedictorian of his class at East Technical High School and won a scholarship to Case where he studied civil engineering. At the time of his death he was engineer for Bay Village, Ohio, and was widely known in the municipal engineering field. He had held that position for sixteen years. He was a member of the A.S.C.E. and of the Society of Professional Engineers. Active in Masonic affairs, he was a member of Dover Lodge, Lake Erie Consistory and Al Koran Shrine. Surviving are his wife, the former Isabel Fleming of Cleveland, a son, William F., his mother, Mrs. William Sutcliffe of Deerfield, Ohio, and a sister, Mrs. G. R. Ashbrook of Beaver Falls, Pa. Funeral services were held at the Bay Village Presbyterian Church and burial was in Acadia Park Cemetery. The family home was at 23714 Cliff Drive, Bay Village. He was a fine engineer and a fine citizen. In 1945 he was declared the "outstanding citizen of Bay Village" and his untimely death was a shock to all who knew him.

Vernon Lowell Bell, Lambda '25, age 44, died in Phoenix, Arizona on December 2, 1947. He was born in Salt Lake City on February 3, 1903, the son of Edmund and Bessie Hanson Bell. He graduated as a civil engineer from the University of Utah in 1925, and was assistant engineer for the Southern Pacific of



Mexico until 1927. During the following two years he was resident engineer for Caldwell & Richards and was supervising engineer for many projects in Salt Lake City including waterworks and the university stadium. After a period of construction work at Ft. Douglas, he became district engineer for the Utah State Road Commission. In 1942 he was appointed supervising engineer for the U. S. Engineers and the Defense Plant Corp. at the Geneva Steel plant and elsewhere. He moved to Phoenix several years ago to be assistant plans engineer for the Arizona State Highway Department. On March 1, 1943, he was married to Pearl Hanson in Las Vegas, Nevada, and was a member of Argenta Lodge #3, F. & A. M. He is survived by his widow, a sister, Louise Bell of Kanab, Utah, and a brother, Robert E. Bell, '44, of Richfield, Utah. Burial was in Richfield, Utah. A fine Theta Tau, he was a member of the Intermountain A. A. for many years and was alternate delegate for Lambda attending the 1923 Convention in Iowa City.

---

Edward Fruth Joachim, Pi '28, died in Charlottesville, Virginia on December 15, 1947. He was born there on October 9, 1903, the son of Edward A. and Mary Harris Joachim. After attending schools in his home city he entered the University of Virginia and graduated with degrees of B.S. in both electrical and mechanical engineering. He was very active in Theta Tau and held offices of both Vice Regent and Regent. After graduation he was associated with his father in operating the Model Steam Laundry in Charlottesville and became manager of this upon the death of his father. He was a member of Charlottesville Lodge #60, F. & A. M., Knights Templar, and Acca Shrine in Richmond. While in college he was elected to Tau Beta Pi. He married Miss Shirley Secure of Rochester, New York, who with his two sons, Edward A. III, and John Shirley, survive him. The family home was in Charlottesville.

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George Franklin French, Eta '19, Col. U. S. A. died in Camarillo, California, on October 22, 1947. He came to M. I. T. from New Rochelle, New York and was an officer in both world wars. He was fifty years of age at the time of his death. After graduating he was employed by the Riegel Paper Corp., 342 Madison Avenue, New York City, but left New York about ten years ago to represent the company on the West Coast. Surviving are his son, George F. French III of California, and his brother, Cedric C. French, 95 Ninth Street, Garden City, New York.

Oliver William Young, Epsilon '13, age 60, died at his home in Van Nuys, California, on February 10, 1948. He was born in Lexington, Oregon, on August 22, 1888. After completing his high school work he entered the University of California and graduated as a mining engineer in 1913. The following year he married Portia Collom of Berkeley, California. From 1913 to 1916 he was mining engineer for the El Tigre Mining Co. in Sonora, Mexico. The family moved to Van Nuys in 1918 and he established an office as land surveyor and civil engineer. Over 2500 surveys were made by him in that section. He was a past president of the University Club and a charter member of San Fernando lodge of Elks. Always active in community affairs he worked in the Chamber of Commerce and served as Boy Scout merit badge examiner. Funeral services were held in Van Nuys with the Rev. Dr. Glenn Phillips of the First Methodist Church of Hollywood officiating. Surviving are his widow; his son, Oliver W. Young, Jr., of Van Nuys; his daughter, Mrs. Walter Wheeler, of West Los Angeles; his brother, Dr. Herbert Young, of Davis, California; and his sister, Mrs. James Mudie, of Los Angeles. He was a member of the Los Angeles Alumni Association of Theta Tau since its establishment.

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Pierce Powers Furber, Alpha '08, died of a heart attack in Philadelphia, Pa., on December 19, 1947. He was born in St. Louis, Mo., in 1888, and graduated from the University of Minnesota as a civil engineer in 1908. From 1908 to 1909 he was a draftsman for the Minneapolis Steel & Machinery Co. In 1909 he joined the staff of C. E. P. Turner in Minneapolis, and in 1912 was put in charge of the Chicago office. From 1916 to 1918 he was with the Stone & Webster Co. of Boston on various important construction jobs, and then joined the staff of the American International Shipbuilding Corp. Hog Island, Pa. After the war he went to Dallas, Texas, for the Paul J. Kalman Co., of St. Paul, Minn., and then returned to Minneapolis to become engineer for Butler Brothers of St. Paul. In 1924 he became a member of the firm of Wiseman & Furber in Danville, Va., and remained in private construction work there and in Florida until 1929, when he became engineer for the Balingier Co. in Philadelphia, and then for Ford, Bacon & Davis. In 1946 he established his own firm of consulting structural engineers with offices at 123 Broad Str. in Philadelphia, Pa. Surviving are his widow and two daughters. The family home was at 218 East Lancaster Ave., Wayne, Pa. He was one of the organizers of the Twin City Alumni Association of Theta Tau in 1911 and very active in its affairs as long as he was in the vicinity.



Arthur Kershaw Alsen, Lambda '29, aged 40, Captain U. S. A., was killed in action in Germany on November 17, 1944. He was born in Utah on February 17, 1904, the son of Mr. H. K. and Frederica R. Olsen and studied Civil Engineering at the University of Utah, receiving a B.S. in 1929. He received an L.L.B. in Law from LaSalle Extension University in 1937. On August 7, 1926, he was married to Bernice Duncan and worked for a time for the Milwaukee Ry. in Butte. From 1926 to 1929 he was paving inspector for the State of Iowa Highway Commission and then was County Engineer for Union County until 1931. In 1931 he was made superintendent of the waterworks in Creston, Iowa. In 1941 he obtained leave of absence to accept a job at the Canal Zone and was assistant chief on construction on some important work there. Later he transferred to a job on the highway in Paraguay and while there joined the army and later was sent overseas. At the time of his death he was with a

military government attachment in the forward areas. He is survived by his mother, his wife, and a son, Arthur Kershaw Jr. The family home is at 318 Center St., Salt Lake City, Utah. At Creston he was very active in civic affairs, a member and president of the Rotary Club, Past President and Secretary of the Chamber of Commerce, and was highly regarded by all who knew him there.

Thomas Matthieu Hayley, Mu '48, died on December 24, 1947, from injuries received during the last war, at Lawson General Veterans Hospital in Chamblee, Georgia. He had not been in good health for some months. He was born in Birmingham, Alabama, on December 12, 1922, the son of Mr. and Mrs. S. B. Hayley, his father being superintendent of the Rail Mill of Tenn. Coal & Iron Corp. He was a senior at Alabama and expected to graduate in June. Surviving are his widow, Frances Copeland Hayley, and his parents, living at 1501 27th St., Birmingham, Alabama.

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

OFFICIAL PUBLICATION OF THE FRATERNITY

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

*Editors*

210 ENGINEERING HALL

IOWA CITY, IOWA

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## RACIAL TENSIONS

The question of racial discrimination within fraternities continues to attract much attention on many college campuses and there is real danger that efforts to regiment fraternities in this regard may be undertaken in some schools. A most forceful statement of the fraternities' position was given last fall by the Chairman of the National Interfraternity Conference, Mr. David A. Embury, Acacia, at the N.I.C. annual meeting in New York City. Mr. Embury said in part:

"There is nothing arbitrary or capricious or unnatural about fraternity membership restrictions based on race, creed, or color. The college fraternity is the closest knit, most intimate group to be found anywhere outside the family group. The members live together, eat together, date together, and share each other's joys and sorrows. What then could be more natural, more important, than that in choosing new members they should seek men with the same racial, religious, social, and cultural background as their own? . . . Nor is this based on any hatred or prejudice or any false sense of

superiority of one race or religion over another any more than the membership restrictions of the Pennsylvania or the New England Society are based on hatred or prejudice respecting men from other geographical sections . . . It is one thing, that a group may omit such restrictions—that is democracy. It is another thing to say that a group must omit them—that is regimentation."

We respectfully echo Mr. Embury's words. While racial tolerance is surely broadening in America, there is still room for much more progress in this direction. Legislation or coercion cannot possibly be helpful at this stage, if ever. The desired goal can only be reached through education and favorable experience, which, as always, will seem slow.

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## CHAPTER OFFICERS' MANUAL

A preliminary version of the Chapter Officers' Manual as authorized at the Louisville Convention has recently been distributed in mimeographed form to the Active Chapters. It is intended that this manual shall be studied and used for awhile, with the

expectation that it may be modified or amended as practice indicates desirable, then adopted for printing as a handbook at some future Convention. Accordingly it is still in the formative stage and suggestions for improvements will be most welcome.

The new manual is intended mainly to outline in a concise way the general duties and responsibilities of the several chapter officers. An especially useful feature is the officers' calendar which should be quite helpful in pointing up what reports are to be submitted to the National Offices and

as a ready reference showing when these are due. Finally, the topical index of material in the Constitution, By-Laws, and Appendix makes it easier than ever before to track down all the official information an officer may need pertaining to his own job or to special duties that may be assigned him.

Through study, use, and suggestions, present chapter officers here have an opportunity to make a real contribution to making the pathway easier to their following brethren.

New Clerk: "What shall I do if a customer forgets his change?"

Manager: "Tap on the counter with a dollar bill."

\* \* \*

The junior member of a firm of lawyers went several hundred miles to consult a client. When he arrived he found he had unaccountably forgotten the name. He telegraphed his partner, "What is our client's name?"

The answer came: "Jones, Joseph H. Yours is Kent, Jasper T."

\* \* \*

An asylum patient who had been pronounced cured was saying farewell to the director of the institution. "And what are you going to do when you go out into the world?" asked the director.

"Well," said the patient, "I have passed my bar examinations, so I may practice law. I have also had quite a bit of experience in college dramatics, so I might try acting."

He paused for a moment, lost in thought. "Then, on the other hand," he continued, "I may be a teakettle."

Professor: "Name two Greek tragedies."

Sophomore: "I never knock other fraternities."

\* \* \*

A freshman engineer was sent out on a cooperative job to a shipyard. The first morning the foreman gave him a two-foot scale and told him to measure a nearby steel plate. The student returned in twenty minutes displaying a self-satisfied grin.

"Well, what's the size?" asked the foreman.

The student proudly replied, "It's just the length of the ruler and two thumbs over the length of my arm from here to here, minus the fingernails."

\* \* \*

#### Engineers Whiskey Test

Connect 20,000 volts across a pint. If the current jumps it, the product is poor. If the current causes a precipitation of lye, tin, arsenic, iron, slag, and aluminum, the whiskey is fair. If the whiskey chases the current back to the generator, you've got pretty good whiskey.

# Additions to Membership

## ALPHA

- 542 Richard Dana Moog, Eveleth, Minn.  
543 Harry Theodore Swanson, Two Harbors, Minnesota.

## BETA

- 614 William Thomas Worden, Piedmont, California  
615 Nathaniel Arthur Barney, Battle Creek, Michigan  
616 Harold Raymond Kestner, Houghton, Michigan  
617 Kenneth Eugene Kueny, North Muskegon, Michigan

## GAMMA

- 676 Earl Loyd Spieles, Golden, Colorado  
677 John Gilmare Cowan, Denver, Colorado  
678 Charles James Dunn, III, Moline, Illinois  
679 Richard William Yarbrough, Fullerton, California  
680 William L. Shaffer, Jr., Los Angeles, California  
681 Richard Joseph Arnold, Canon City, Colorado  
682 Robert Lee Muir, Hazel Park, Michigan  
683 Henry Glen McCleary, Alcova, Wyoming  
684 Kenneth W. Nickerson, Jr., Riverside, California  
685 James Robert Torpey, Denver, Colorado  
686 Francis Patrick Mercier, Santa Ana, California  
687 James Howard Pittinger, New York, New York  
688 Joseph Warren Jackson, Jr., Denver, Colorado  
689 Robert G. Piper, Deerfield, Illinois

## DELTA

- 664 Benjamin Furner Avery, Schenectady, New York  
665 Arthur James Bazeley, Cleveland, Ohio  
666 David Henry Buerkel, Euclid, Ohio  
667 Russell DeWard Churchill, Cleveland, Ohio  
668 John Michael Dunn, Cleveland Heights, Ohio  
669 Wallace Dale English, Parma, Ohio  
670 Ivan Rastislav Kacir, Cleveland, Ohio  
671 Thomas James Lisy, Maple Heights, Ohio  
672 Robert Carlyle Miller, Conneaut, Ohio  
673 Andrew Edward Milner, McDonald, Ohio  
674 Thomas Forest Neubecker, Cleveland, Ohio  
675 Richard Carl Reinker, Lakewood, Ohio

- 676 Thomas Herbert Rogers, Cleveland Heights, Ohio  
677 Edward Peter Weber, Lakewood, Ohio  
678 Wayne Edward Zahn, Carey, Ohio

## ZETA

- 506 James O'Hara Maloney, Kansas City, Missouri  
507 Curtis Elsworth Ottinger, St. Joseph, Missouri  
508 Robert Dean Talty, Kansas City, Missouri  
509 Leonard Myron Rickards, Canton, North Carolina  
510 Clayton Wagner Williams, Rosalia, Kansas  
511 Bruce Robert Pennington, Jr., Kansas City, Missouri  
512 Robert Jordan Greenwell, Kansas City, Missouri  
513 John Gordon Montfort, Los Angeles, California

## LAMBDA

- 588 William Clyde Winchester, Jr., Ogden, Utah  
589 Gordon Wilford Bailey, Nephi, Utah  
590 Otto Douglass Erlandson, Payson, Utah  
591 William Robert Whitehead, Salt Lake City, Utah  
592 Charles David Martin, Salt Lake City, Utah  
593 Gerald Malan Waterfall, Kaysville, Utah  
594 Alfred Jack Neslen, Salt Lake City, Utah  
595 Virgil Ballantyne Anderson, Jr., Logan, Utah  
596 William Theodore Clark, Salt Lake City, Utah  
597 Wayne Harold Heaton, Salt Lake City, Utah  
598 George Hiram Lyon, Burns, Wyoming  
599 Edward James Smith, Alberta, Canada  
600 Frank Adrian Thacker, Salt Lake City, Utah  
601 Robert Harold Blake, Salt Lake City, Utah  
602 Don Clarence Burningham, Klamath Falls, Oregon  
603 Gordon Levitt Gottstein, Salt Lake City, Utah  
604 James Roscoe McBreen, Salt Lake City, Utah  
605 Emmett King Olson, Jr., Price, Utah

## MU

- 434 Charles Nelson Gaylord, Springfield, Ohio  
435 Raymond Abraham Deep, Birmingham, Alabama

- 436 William Watson Young, Birmingham, Alabama  
 437 John Thomas McKenzie, Spring Hill, Alabama  
 438 Robert Ward McKenzie, Spring Hill, Alabama  
 439 Louis Richard Hovater, Birmingham, Alabama  
 440 Herbert Alcus Fincher, Wedowee, Alabama  
 441 Stephen Dewey Moxley, Jr., Birmingham, Alabama  
 442 Robert Lee Jones, Jr., Troy, Tennessee  
 443 Richard Eugene Ely, Union City, Indiana  
 444 William Dennis Gray, Laurel, Mississippi  
 445 Benjamin Dunbar Vallely, Birmingham, Alabama  
 446 Allen Latham Cudworth, Tuscaloosa, Alabama  
 447 Hugh Bernard Morrow, Helena, Alabama  
 448 Marvin Wallace, Wesson, Mississippi  
 449 Robert Henry Wheless, Douglas, Georgia  
 450 Robert Lewis Taylor, Birmingham, Alabama  
 451 Winston Leon Wallace, Tuscaloosa, Alabama  
 452 Foster Earl Stough, Birmingham, Alabama  
 453 Walter Ernest DeMiller, Jr., Mobile, Alabama

## NU

- 479 Hubert Irving Aaronson, Jersey City, New Jersey  
 480 Alvin Edward Ashton, Clairton, Pennsylvania  
 481 William Marshall Barron, Latrobe, Pennsylvania  
 482 George William Bickerstaff, Shipperville, Pennsylvania  
 483 Henry Lancaster Brenton, New York City  
 484 William Jennings Demorest, Jr., Rye, New York  
 485 John Robert Smith, Bedford, Pennsylvania  
 486 Theodore Ulrich, Glen Ellyn, Illinois  
 487 Barry Moran Dietrich, Butler County, Ohio  
 488 Richard Melvin Driska, Oklahoma City, Oklahoma  
 489 Robert Downey, Erie, Pennsylvania  
 490 Norman Henry Franz, Buffalo, New York  
 491 John Nelson Grace, Fredericksburg, Texas  
 492 Charles Edgar Grimes, Kuna, Idaho  
 493 Quentin Jacob Hoffman, Jr., Pittsburgh, Pennsylvania  
 494 Philip Francis Lawler, Ebensburg, Pennsylvania  
 495 David Louis Mintz, Oil City, Pennsylvania

- 496 David Webb Petigrew, Jr., New Kensington, Pennsylvania  
 497 George Frank Pittman, Jr., Pittsburgh, Pennsylvania  
 498 Stanley Bernard Siegel, New Bedford, Massachusetts  
 499 Philip Stanley Birnbaum, Jr., Jersey City, New Jersey  
 500 Willis Anson Boothe, II, Pittsburgh, Pennsylvania

## XI

- 76 Robert St. Clair, Wauwatosa, Wisconsin  
 77 James Frederick Bakkan, Madison, Wisconsin  
 78 Edwin D. Baugh, Badger, Wisconsin  
 79 Walter James Dost, Colgate, Wisconsin  
 80 Michael Anthony Bernard Kycia, Hartford, Connecticut  
 81 George Willard Piper, Tomahawk, Wisconsin  
 82 Clyde Arthur Plaskett, Jr., Madison, Wisconsin  
 83 Donald Anthony Plautz, Elkhorn, Wisconsin  
 84 Melvin Dean Ratcliff, Waterloo, Wisconsin  
 85 Robert Benedict Wentland, Milwaukee, Wisconsin

## OMICRON

- 509 Philip James Thorson, Hinsdale, Ill.  
 510 James Leonard Riggs, Council Bluffs, Ia.  
 511 Lewis Frank Jenkinson, Iowa City, Ia.  
 512 Harold R. Lorenz, Brookfield, Ill.  
 513 Harvey Ancel McFate, Wilton, Ia.  
 514 William Henry Mayo, III, Chicago, Ill.  
 515 Raymond John Hudachek, Hot Springs National Park, Ark.  
 516 Harold Arthur Hudachek, Hot Springs National Park, Ark.  
 517 Richard Kidd, Jr., Muscatine, Ia.

## RHO

- 555 Robert Allen Yates, Chadburn, North Carolina  
 556 Robert Wilson Bivens, Wingate, North Carolina  
 557 William Allen Carr, Farmville, North Carolina  
 558 Robert Perry Schmidt, Raleigh, North Carolina  
 559 George Washington Rivenbark, Goldsboro, North Carolina  
 560 Robert Boyd Patterson, Jr., Littleton, North Carolina  
 561 Espie Flynn Menius, Jr., New Bern, North Carolina  
 562 Deward Franklin Lefler, Albermarle, North Carolina  
 563 Robert John Muller, Pleasantville, New Jersey  
 564 Richard Miller Jones, Salisbury, North Carolina

- 365 Robert Thomas Currin, Littleton, North Carolina  
 366 Earl Warren Hessee, Morehead City, North Carolina  
 367 Ernest Cleveland Hunt, Jr., Henderson, North Carolina  
 368 David Clifton Kirkman, Pleasant Garden, North Carolina  
 369 Nicholas Klemm, Jr., Pleasantville, New Jersey  
 370 Robert Thomas Lloyd, Jr., Asheboro, North Carolina  
 371 George Bryan Whitfield, Asheboro, North Carolina  
 372 Stephan Thomas Wiggins, Henderson, North Carolina  
 373 Avery Crissman Brock, Mount Olive, North Carolina  
 374 Walter McKenzie Clark, Greensboro, North Carolina  
 375 Robert Raynor Garey, Wilmington, North Carolina  
 376 Kenneth Collidge Link, Granite Falls, North Carolina  
 377 Charles Joseph McCann, Jr., Charlotte, North Carolina  
 378 Malcolm Kedbetter McKenzie, Rockingham, North Carolina  
 379 Edwin David Palmgren, Winston-Salem, North Carolina  
 380 Richard Moore Parker, Rocky Mount, North Carolina  
 381 Carlton McKerrall Stallings, Franklin, Virginia  
 382 Ben Bryan Stockard, Jr., Greensboro, North Carolina  
 383 Larry Elmo Westmoreland, Jr., Baltimore, Maryland
- SIGMA
- 297 Wilford Paul Crise, Columbus, Ohio  
 298 Charles Richard Guttadore, Steubenville, Ohio  
 299 Robert Lowell Noxon, Columbus, Ohio  
 300 Eugene Schiopota, Canton, Ohio  
 301 Richard Bruce Vaughn, Defiance, Ohio  
 302 George Warren, Crooksville, Ohio  
 303 Richard Steve Zelina, Lorain, Ohio
- TAU
- 395 Ralph D. Biesemeyer, Syracuse, New York  
 396 Charles H. Filkins, Syracuse, New York  
 397 Radford Lawrence Schantz, Lowville, New York  
 398 Carl Watson Buckel, Ridgefield, New Jersey  
 399 Jacob Meeker Halsey, Syracuse, New York  
 400 Wallace Irving Nelson, Syracuse, New York  
 401 George Raymond Kunzelman, Syracuse, New York
- 402 Edward Alpert, Phoenix, Arizona  
 403 Ronald Philip Wendt, Sanborn, New York  
 404 Warren Edward Reinheimer, Syracuse, New York  
 405 Carl Ernest Nelson, Syracuse, New York  
 406 Patrick Powers, Syracuse, New York  
 407 Earl Albert Hockenborn, Auburn, New York  
 408 Earl Frederick Smarzo, Syracuse, New York  
 409 William Burton Hyde, Syracuse, New York  
 410 Attilio Anthony Mascone, Hartford, Conn.  
 411 Donald Cirtwill Marcellus, Syracuse, New York  
 412 Christopher Pallotta, Syracuse, New York  
 413 Walter Kenneth Naubauer, Long Island, New York  
 414 Donald E. Schick, Syracuse, New York  
 415 Bernard Charles Waverchak, Syracuse, New York  
 416 Gordon Eugene Lovelace, Syracuse, New York
- UPSILON
- 271 Hubert Garland Sneed, Berryville, Ark.  
 272 Richard Gene Meek, Hot Springs, Ark.  
 273 Don Edward Callaham, Nashville, Ark.  
 274 William Clark Webb, Little Rock, Ark.  
 275 Edward Lee Gammill, Pine Bluffs, Ark.
- PHI
- 235 Norman Mathew Ewbank, Jr., Whiting, Indiana  
 236 Robert Loren Longardner, Fort Wayne, Indiana  
 237 Martin Manich, Whiting, Indiana  
 238 Robert David Morrison, Heltonville, Indiana  
 239 Leo Richard Parsanko, Whiting, Indiana  
 240 James Hunter White, Cleveland, Ohio
- CHI
- 316 John Callaway Park, Warrenburg, Missouri  
 317 Paul Marcellus Thornburg, Alexandria, Indiana  
 318 Roy Edwin Coulson, Tucson, Arizona  
 319 Robert Fleming Fei, Los Angeles, Calif.  
 320 Lars Holmquist, Phoenix, Ariz.  
 321 Raymond Woodbury Ludden, Jr., Berkeley, Calif.  
 322 Thomas Ricard Van Fleet, Tucson, Ariz.
- PSI
- 223 \*Charles Oscar Grimes, Saskatchewan, Alaska  
 224 \*William Michael Green, Lodge Grass, Mont.  
 228 Jack Thomas Gentry, Kansas City, Kansas

\*Not available for the previous issue

- 229 Carl William Howald, Jr., Billings, Mont.  
 230 Harry Miller Callaway, Chattanooga, Tenn.  
 231 Herbert J. Keen, Spokane, Wash.  
 232 Edgar Knox Pinnick, Lincoln, Kansas  
 233 Bruce William Emerson, Livingston, Mont.  
 234 Tom Manuel, Havre, Montana  
 235 Alvin Emmett Ek, Butte, Montana  
 236 Gordon Duane Lanouette, Billings, Mont.  
 237 Gordon Ernest Irving, Alta, Canada  
 238 Richard Leo Lenx, Columbus Falls, Mont.  
 239 Norman Julius King, Butte, Montana  
 240 John Thwin O'Donnell, Three Forks, Montana

## GAMMA BETA

- 175 James Franklin LeCroy, Alexandria, Va.  
 176 Vincent Harry Hennessy, Washington, D. C.  
 177 James Alexander Sinsabaugh, Purcellville, Va.  
 178 Ford William Wheeler, Lakewood, Ohio  
 179 Reid Dennis Mayo, Pemberville, Ohio  
 180 Edwin Oscar Stengard, Superior, Wis.  
 181 Samuel Harry Raker, Olyphant, Pa.  
 182 George Winston Plondke, Arlington, Va.  
 183 Arthur Charles Brown, Arlington, Va.  
 184 Scott Ebrite, Washington, D. C.  
 185 Norman Gene Ziegler, Washington, D. C.  
 186 Charles Edward Campbell, Washington, D. C.  
 187 Allen Hughes Jones, Bethesda, Md.  
 188 John Armand LeReche, Washington, D. C.  
 189 John Church, Bethesda, Md.

"Which candidate is your wife going to vote for?"

"She will vote for the man I vote for."

"Who are you going to vote for?"

"Well, if you must know, she hasn't decided yet."

\* \* \*

Bureaucrat: "If we are unable to figure out a way to spend that two hundred and twenty million dollars, we lose our jobs."

Secretary: "How about a bridge over the Mississippi River—lengthwise?"

\* \* \*

Moe: "They tell me that Professor Laity gives a well-rounded course in Cultural History."

Joe: "That's right. Everything not given during the semester is included in the final examination."

\* \* \*

First Engineer: "Why did you leave your girl's house so early?"

Second Engineer: "We were sitting on the sofa, and she turned out the light. Guess I can take a hint."

Dr. Smith: "Now, if I subtract 39X from 103X, what's the difference?"

Student: "Yeah! That's what I say. Who cares?"

\* \* \*

## The Cost of Living

When an Irish acquaintance of mine came to the U.S.A. in 1900 his first wage was 18 cents an hour. He was figuring the other day that if he had put \$1.00 out at 3% compound interest, then he would be able to buy less meat, eggs, fruits, or vegetables for the sum of \$3.90 (which is what a dollar would amount to in 46 years) than he would have been able to buy for the original dollar in 1900.

\* \* \*

"What are you going to give your husband for a Christmas present?"

"Oh, a hundred cigars."

"What did you pay for them?"

"Nothing! For the last few months I have taken one or two from his box daily. He hasn't noticed it and will be delighted with my tact in getting the kind he always smoked."

Changing your mind is for all the world like changing your clothes. You

may easily make a mistake, especially if the process is performed in the dark.



# Letters from the Chapters

## Alpha Discovers "Ingenious Financial Manipulation"



Greetings to all chapters of Theta Tau.

Alpha chapter, with the tireless efforts of the actives and considerable help from the alumni, has been in the process of redecorating the interior of the house. Last summer, as some of you may recall, we painted the outside of the house, and this winter we followed up with the painting of the living room and kitchen. We also have a new linoleum tile floor downstairs. We added a new radio to the living room and, through an ingenious financial manipulation, have ordered new living room furniture.

New initiates of Alpha Chapter are Richard Moog and Harry Swanson bringing the total number of actives to twenty-five. Our industrious pledge class of ten will be initiated the first week in April. However, with June graduation taking an unusually high toll, we plan to start another pledge group very soon.

The first week in the winter quarter we

held an election and came up with these officers: John Duntley, Regent; Robert Cress, Scribe; Cal Wick, Treasurer; and Walt Manson, Vice Regent. Cal Wick is leaving school for the spring and summer quarters and his position will be filled by Dick Moorhouse.

Fall quarter graduates include Walt Kiriluk, Dick Jerome, and Morris Bowman; and following at the end of the spring quarter are Rollie Hoagberg, George Lind, and Herm Seibert.

Fred Teske, who has been serving as temporary adviser since last summer when Dr. Eggers resigned due to ill health, has turned the chapter advisership over to Dr. Norbert F. Ruszaj, honorary member. Dr. Ruszaj is on the staff of the aeronautical engineering department.

The two outstanding social events of the winter quarter were the Inter-Pro Ball at the Radisson Hotel and the St. Valentine's Day Party at the house. The annual semi-formal Tri-Tech Ball is planned for the 10th of April.

Yours in H & T,  
ROBERT FOLLETT, Corres. Sec.

## Beta Has a Busy Winter



Following in the traditions of Theta Tau, Beta chapter advances with enthusiasm. The boys have combined their individual talents into improving the interior of the house. Each room has been re-decorated to suit the occupant's taste and consequently eliminated that tiring golden buff which has graced our walls for the last few years. A new rug for the living room was purchased and installed before the Winter Carnival. These and several other minor improvements have given a further feeling of homeliness and security to our College Avenue residence.

At present Beta Chapter has forty-eight active members and nine pledges. Twenty-four of the actives, however, will graduate in June or by the end of the summer. During the fall term we initiated Theodore Dennis, Richard Schoch, Dale Doerr, Thomas Fress, John Morrow, and Fred Shaw. In January of the winter term we welcomed William Worden, Nathaniel Barney, Harold

Kestner, and Kenneth Kueny into the chapter. Dave Burger and Art Hoffman plan to return in the spring term, and thereby become active members again.

The spring elections haven't as yet been held so that our officers remain the same: Bill Edwards, Regent; Bill Shepeck, Vice Regent; Don Leonard, Treasurer; Wallie Hansen, Scribe; Bill Foth, Corresponding Secretary; and Robert Pierce, Steward. Professor L. F. Duggan remains our faculty adviser. Bob Steveling, Beta '41, has returned to the Tech campus and is instructing in the Metallurgical Engineering Department. Brothers Weber, Alkema, and Edwards are also doing part time instructor work in the Chemical and Mechanical Engineering Departments.

For the school year 1947-48 Brother Bill Edwards, Jack Koppelman, Charles Ceedar, and Bill Cary were selected for "Who's Who among students in American Universities and Colleges." In a recent election, Jim Klunness was made secretary-treasurer of Blue Key Fraternity for the coming school year. Brothers Hal Kestner, and Art Barney were

ected to membership in Tau Beta Pi at the winter elections.

Although not as successful as in previous years the house intramural teams have entered all events with energy and spirit. Our hopes of gaining the intramural trophy are still high as we have been placing in most events.

At the football homecoming in the fall, the house held a scavenger hunt which sent the fellows and girls throughout the countryside searching for items peculiar to the locality. After the hunt, a dance and game party, following a Halloween theme, was given at the house.

The Millionaires party was held again this year early in December. As usual everyone has a fine time losing a fortune at the flip of a card or the spin of a wheel. As an additional entertainment the ladies played bingo for a surprise prize of a black cocker spaniel puppy.

The Michigan Tech Winter Carnival sponsored by Blue Key Fraternity was again successful due to the efforts of our many members serving that organization. The carnival was off to a good start at the stage review where our skit consisted of a musical trio, a chorus group elaborately costumed by the members wives, and a choral group dressed in formal attire singing "Winter Wonderland." Our cocktail party was well attended and proved again to be an outstanding contribution to the carnival activities.

At present we are working on a Chapter newsletter which will be published in March. We would appreciate any information from Alumni members to complete our address files.

Beta Chapter extends their best wishes to all members and chapters of Theta Tau.

Yours in H & T,

WILLIAM H. EDWARDS, Regent

WALTER J. HANSEN, Scribe

## Gamma Has Big Turnover

**GOLDEN  
COLORADO**

This spring, Gamma chapter bids a fond farewell to 34 seniors and among these we have some of the most outstanding members to ever have honored the roll of this chapter, but to use the phrase "the show must go on," we here at Mines have selected some very outstanding pledges in taking 7 sophomores and 6 seniors.

The pledge class this spring includes: Chuck Woodward; Frank Freeman, star varsity golfer; Lou Landers, outstanding varsity basketball player; Jim Mercier; Harvey Kingry, All-Conference halfback and track star; Charlie Fitch, guard on the football team; Chuck Irish, chosen year's outstanding sophomore and member of the track team; Bob McMinn; Norm Korn; Warren Johnson, last year's sophomore class president; Glenn Poulter, member of the football and wrest-



Annual Theta Tau Dance—Gamma Chapter

ling squads; Hugh Bradley, halfback on the football team; and Lou Allen, who is the Assistant Editor of the "Oredigger."

The annual Theta Tau dance was held in February and the activities to follow will be in the nature of guest speakers for all-school assemblies and dinner meetings as well as films for education and entertainment of the student body. These activities will be carried out by a committee headed by Bill Muir.

Our officers this year are Regent, Joe Jackson; Vice Regent, Chuck Dunn; Scribe, John Cowan; Treasurer, Jim Pitteger; Marshal,

Pat Mercier is President of the "M" Club and member of the football and boxing squads, Bill Brown is Vice President of the Student Body, Hank McCleary, Student President of S.E.G. and Student Council representative. Bob Torpey is treasurer of Alpha Tau Omega, member of the athletic council and the varsity football team. Kenny Nickerson is a member of the student council and the varsity football team. San Hochberger is Editor of the "Oredigger."

News of our alumni is still very sparse due to the world-wide business in which they



Regent Joe Jackson

John Descovitch

Dick Arnold; Inner Guard, Van Dine Howbert; Outer Guard, Pat Mercier. The chapter adviser is Dean M. I. Signer.

This year our chapter has been very active in school activities and sports and some of these are as follows. John Dasvitch was chosen for all-conference basketball team, Dick Arnold and Gordon Miner were given berths on the all-conference football team,

all participate; however, we are still in hopes that it will increase in the near future.

We will be looking forward to the next issue of the Gear and wish to extend our best wishes to all brothers of Theta Tau and to the alumni of Gamma Chapter.

Yours in H & T,

C. J. DUNN, Vice Regent

## Delta Regulates Parking at Case



Delta chapter swings into action this spring with George Fort as Regent; Don Soula, Vice Regent; Ivan Kacir, Scribe; Richard Reinker, Treasurer; Tom Neubecker, Marshal; Bob

Suttle and Bob Gorman, Outer and Inner Guards, respectively; and Tom Rogers, Corresponding Secretary. Behind these men, we still have our able faculty adviser, Professor Leslie Reardon. The total active chapter includes 43 men with pledging just getting under way.

As last semester came to a close Brother Francis Neville was given the Theta Tau award for most promising Engineer, which was open to the entire school. Other chapter members up for this award were Robert Graham and James Krebs.

At a dinner meeting on March 2nd, Delta chapter played host to Dr. Harry B. Osborn, technical director at the Ohio Crankshaft Co., who spoke on the general theme of wartime and postwar developments in production and production-economy. Dr. Osborn who was given the Junior Chamber of Commerce "Man of the Year" award of 1946, has been prominent in local and national industrial and research circles.

The parking situation on the Case campus has been taken over by Theta Tau who gives priorities and distributes parking permits. Since this undertaking, the parking situation

on the campus is said to have been greatly improved.

Included in future plans for the chapter is a panel discussion which will be participated in by three senior Theta Tau members and four prominent industrialists of Cleveland. The question to be discussed is "What does Engineering have to offer me?" Those brothers participating are Chester Haug, Stanley Wertheim, John de Hamel. This panel is sponsored by Cleveland Engineering Society, and the date is set as March 30.

Delta chapter still has in its membership many of the campus leaders in athletics, publications and other phases of campus life. Among these are: Ernie Krauth, President of Blue Key; Frank Gerace, President of Senior class and ace wrestler; Robert Gorman, Vice President of Senate; Don Soula, President of Tau Beta Pi; Carl Bacik, President of A.S.C.E.; George Fort, Head of Board of Managers of Case's student union and President of social fraternity; Bob Sords, Charge of Case News service; Randy Cope, strong link and President of debate club; Russell Churchill, Case speedster; Bob Miller, Captain of Case's football team; and Harry Mergler, who has already obtained several patents.

The members of Delta chapter want to thank *The Gear* for this opportunity to communicate with the brothers all over the country. We of the Delta chapter, enjoy reading the news of other chapters and wish this publication continued success.

Yours in H & T,

TOM ROGERS, Corres. Sec.

## Epsilon Initiates Thirteen



Epsilon's preparations for the activities for the spring semester began at the close of the fall term at a "smoker" which was held at the Phi Gamma Delta House. The purpose of the get-together was to allow

the old members to meet the prospective pledges socially. Entertainment highlight of the evening was a talk by Professor Edward Wisser, of the Department of Mining Engineering. Doctor Wisser recounted his experiences as a young mining engineer in Mexico and in the Philippines. Following Professor Wisser's talk refreshments (chiefly fluid) were served in the basement clubroom. After refreshments a protracted session ensued which did not break up until three in the morning. By dint of perseverance and occasional bottles

of beer, thirteen pledges and five new chapter officers were chosen.

The active membership of Epsilon chapter includes 35 returning members and 13 pledges, bringing the total number of actives for the spring semester up to 48.

The newly elected chapter officers include: Garniss Curtiss, Regent; George Simpkins, Vice Regent; Tom Gay, Treasurer; George Metcalf, Scribe; and Harold Boyd, Corresponding Secretary. Doctor Howell Williams, Chairman of the Department of Geological Sciences, is the faculty adviser.

The name of Dr. Robert M. Kleinpell has been put up for honorary membership in Theta Tau. Dr. Kleinpell is widely known in micropaleontology circles as the author of "Miocene Stratigraphy of California."

Two major social events have been scheduled for the semester. The first, a beach party at Half Moon Bay, is scheduled for March

21. The second event will be a repeat performance of the fall term's epochal "beer-ball" game. The athletic event will be followed in the evening by a buffet supper, dancing, and community singing at the Lake Temescal clubhouse.

A newsletter was sent, in February, to all alumni members for whom forwarding ad-

dresses were available. Any alumni member who does not receive a newsletter should notify the Corresponding Secretary in care of Theta Tau Box, Hearst Mining Building, University of California, Berkeley 4, California.

Yours in H & T,

HAROLD A. BOYD, Corres. Sec.

## Cupid Spurs Zeta Membership Drive

### LAWRENCE KANSAS

Zeta started the spring semester of the 1947-48 school year with Edward Hansen as Regent, Robert Meredith Vice Regent, Jack White Treasurer, Kenneth Borene Scribe, a position which he had handled admirably for several terms, Harry Box Marshal, Bill Bergman Inner Guard and Clayton Williams Corresponding Secretary. Professor George W. Bradshaw, as the Chapter faculty adviser, has been of immeasurable assistance to Zeta.

Two weddings took place at the conclusion of the fall semester. Bill Duncan and Kenneth Murphey, both of whom are active members, have taken up their additional duties with zest. Several more operations, of an identical nature, are scheduled for this summer. The pledge class at present consists of Joe Reid, Dave Wilson, Bob Wahlstead, George McNeish, Dick Harris and Dick Rumpf. However, the rate at which trips to the altar are being made will make imperative the acquisition of more pledges within the very near future. Graduations this spring and summer will tend to make the situation worse. This number of actives and pledges, as of the first of March, totals thirty-five, thirteen of whom are married.

Dr. James O'Hara Maloney was initiated as an honorary member last December. Dr. Maloney is Chairman of the Department of Chemical Engineering. Others initiated at the regular initiation on January 18 included John Montfort, Bruce Pennington, Curtis Ottinger, Clayton Williams, Bob Talty, Leonard Rickards, and Bob Greenwell.

The chapter house is undergoing a complete "face lifting" following the handsome job of interior decorating accomplished by the Zeta wives last fall. Bathrooms on all floors are being equipped with showers and finished with tile. Although it is taking nearly the entire school year to terminate the job, it will be really good looking when finished. The spring party, going by the revealing name of "Red Dog," was held March 6. Attended by more than fifty guests, it was a great success and more than lived up to its name, if such a thing is possible.

Zeta has many outstanding men this year. Those included on the rolls of at least one of the "Honoraries," Tau Beta Pi, Sigma Tau, and Pi Tau Sigma, are John Montfort, Ed Hansen, Francis Van Benthem, Joe Beeler, Bob Meredith, Jim Waugh, Fred Gartung, Bob Talty, and Morris Borene. John Montfort is also President of the student branch of the A.S.C.E. and Francis Van Benthem is Vice President of Pi Tau Sigma.

The Kansas Engineer staff includes Joe Beeler as editor, Fred Gartung as assistant editor, and Morris Borene as business manager. Morris also an assistant instructor in the Department of Mechanical Engineering. Both Fred Gartung and Joe Beeler are active in preparation for the Engineering Exposition which is to be held the middle of April. Ed Hansen and Al Brubaker represent Zeta on the Engineering Council while Jim Waugh is President of the All Student Council.

Yours in H & T.

CLAYTON W. WILLIAMS,  
Corres. Sec.

## Iota Working on Freshman Awards



Officers of Iota Chapter are as follows: Regent, William C. McMillan; Vice Regent, Donald O. Reinert; Scribe, Richard B. Howell; Treasurer, Ralph E. Schwalter; Marshal, Joseph T. Hepp; Inner Guard,

Thomas P. Wirfs; Outer Guard, Richard A. Walker; and Corresponding Secretary, Harold N. Johnson. Professor J. B. Butler, Chairman of the Civil Engineering Department, remains our chapter adviser.

On Sunday, January 11, Iota initiated four new members, namely James Logan, Harold Telthorst, Richard Stegemeir, and Robert Morlock. An initiation banquet was held that

evening at the Hotel Edwin Long. Dr. A. J. Miles, '40, Head of the Mechanical Engineering Department, gave a very interesting talk.

Iota lost 9 members in February through graduation which reduced our active membership to 39. We expect to lose 23 actives through graduation in June and August of 1948. A smoker is planned for the 16th of March in order to become better acquainted with prospective pledges. We expect to pledge a number of men about the first of April.

A joint faculty-student committee of Theta Taus is planning the details of a certificate of award to be given each year to 10 outstanding members of the freshman class. Men will be judged on a basis of their scholarship, activities, character, personality, and engineering promise.

We are collecting information concerning our Iota of Theta Tau World War II

dead and plan a memorial plaque in their honor. The plaque will be displayed in Parker Hall on the campus of the School of Mines.

On February 29th members initiated in the spring of 1947 were presented their Theta Tau shingles by Dr. A. W. Schlickten, Psi '37, Head of the Metallurgy Dept., Assistant Dean, R. Z. Williams, '31, presented a very informative talk entitled, "So You Want a Better Job."

Although many members will graduate in June, there has been no laxity of activity on the campus by Theta Taus. We are looking forward to initiating a group of outstanding men and future campus leaders before the close of the spring semester.

Yours in H & T,  
WILLIAM C. McMILLAN, Regent

## Lambda's Professional Programs Proving Successful



Greetings to all Theta Taus from Lambda Chapter. We are happy to report a very active and highly successful year.

The Fall quarter saw our membership grow with the following seven initiates: Gordon W.

Bailey, Douglas Erlandson, Alfred J. Neslen, Gerald Waterfall, Charles D. Martin, Bill Whitehead, and Clyde Winchester. The chapter enrollment has also grown during the winter quarter with an additional eleven new members. They are Virgil B. Anderson, William T. Clark, Wayne H. Heaton, George H. Lyon, Edward J. Smith, Frank A. Thacker, Robert H. Blake, Don C. Burningham, Gordon L. Gottstein, James R. McBreen, and Emmett K. Olsen. At present the chapter officers remain unchanged with Robert C. Mayer as Regent; H. K. Thurber, Vice Regent; Robert Lambourne, Scribe; and Richard Anderson, Treasurer.

We are happy to report that Lambda's "Professional Development and Leadership" programs that were started in the fall quarter are still continuing and proving very successful. Excellent speakers have given talks on such subjects as "Job Opportunities in Engineering," "Professional and Leadership Development," and even "Culture Through Literature."

The social side of the life of Lambda chapter also has included several pledge smokers and three parties. The clubhouse on a local golf course was secured for the parties and our members danced, ate, drank, and made

merry by the cheery light of two large fireplaces. One of these parties was the annual '49ers Party at which everyone appeared in old-fashioned costumes characteristic of the Old West.

Lambda chapter's rivalry with the local chapter of Sigma Gamma Epsilon has been raised to a new high during a program of athletic events between ourselves and the "moles." Out of a touch football game and two basketball games we report two wins and one loss. Spurring interest in these games is a large trophy which we hope to keep in our possession.



Lambda

Perhaps the most outstanding event of the year for Lambda chapter was the honorary initiation of Dr. Carl J. Christensen, Dean of the University of Utah School of Mineral Industries, on March 12, in conjunction with Lambda chapter's 28th Anniversary Installation Banquet. The impressive ceremony was provided by alumni members, Grand Outer Guard, George W. Carter, Elton Pace, Paul Wilson, Mervin B. Hogan, Reed G. Bills, and Bill Jenkins. This is the first election to hon-



orary membership in Lambda chapter in over a decade.

We feel that Dr. Christensen is well-qualified for honorary membership in Theta Tau. His past includes a major in physical chemistry, television research at the Crocker Research Laboratory at San Francisco, California, Research Engineer at the Bell Telephone Laboratories in New York for seventeen years and his present post as Dean of the School of Mineral Industries. He holds membership in Sig-

ma Xi, American Chemical Society, American Physical Society, American Ceramic Society, American Institute of Mining and Metallurgical Engineers, and the American Society for Metals.

This concludes the news from Lambda chapter. Sincere best wishes and fraternal greetings to all brothers of Theta Tau.

Yours in H & T,

JACK D. LEWIS, Corres. Sec.

## *Mu Offers Pin Pattern to Other Chapters*



The past quarter has been a good one for Mu chapter. We initiated 22 new men last December, making our chapter 33 in number, not counting winter graduates next week. Since we do not pledge until spring, we

have no pledges at present, but plans are being made for the new class. An honorary member, Mr. C. N. Gaylord, Assistant Dean of the College of Engineering was initiated this past quarter in a very impressive ceremony.

Our leaders until June are: Regent, Harry L. Gogan; Vice Regent, Thomas McElmurray; Scribe, Benjamin Valley; treasurer, William K. Rey, Corresponding Secretary, Ross B. Robinson; and Chapter Adviser, Prof. J. M. Faircloth.

A project of long standing is substantially complete as of a week ago. The chapter has erected a Theta Tau pin on a brick pedestal in front of New Engineering Building. All the finish work is yet to be done, but even incomplete it is a credit to the fraternity. Incidentally, these large aluminum replicas of the pin can be sent to any chapter desiring one since we saved the pattern just in case any other chapter would like one. Write the Regent at Box 2026, University, Alabama for details.

On tap for the future are a plaque to go in New Engineering, a survey of the technical material needs in the library, and participation in St. Pat's Day this spring. This is a big order, but will do it.

Mu chapter wishes well to every chapter for a good year. Let us hear from you.

Yours in H & T,

ROSS B. ROBINSON, Corres. Sec.

## *Nu Initiates Twenty-Two*



Dear Brothers:

Nu Chapter looks forward to a very active spring semester. The following officers will direct chapter activities:

Richard Anderson, Regent; Howard Morrison, Vice Regent; Robert Paustian, Scribe; John Ewart, Corresponding Secretary; and Vernon Neubert, Custodian. Mr. John M. Daniels, who is our chapter adviser, is also our permanent treasurer. The collection of chapter dues is carried on by his secretary.

During the past semester our enrollment soared to 66 with the initiation of 22 new members, one of the largest pledge classes in our history. Included in the number are many outstanding campus leaders. Hubert Aaronson is editor of *The Tartan*, our campus newspaper. George Birkerstaff is president of Interfraternity Council. David Pettigrew is presi-

dent of ODK the senior men's activities honorary. In addition, two of our pledges are on Student Council, four are in ODK and a large number were recently elected to Tau Beta Pi.

At present our Chapter has been reduced to fifty members because of graduation. The new pledge class will be chosen this month. In addition, we will hold regular business meetings every two weeks. At these meetings we will arrange to award a plaque to the most promising senior engineer, run a midway concession in our Spring Carnival, and carry on activities designed to further the professional development of our school. Other meetings of a social nature will be held for the enjoyment of our members.

In conclusion, Nu chapter extends its greetings to all the other chapters of Theta Tau.

Yours in H & T,

JOHN EWART, Corres. Sec



*Xi Maintains Active Program*

Xi chapter here at Wisconsin has enjoyed an interesting year of activities, both of a social and professional nature. Our last initiation was held on January 17, 1948 and found nine new brothers entering our chapter. An interesting talk was given by City Manager Howell of

Madison on flood control in the Ohio valley and the promotion of civic engineering projects. Guests included Brother H. H. Hopkins of Chicago, and Dean Withey of the Engineering School. Our latest social activity was a Western Party for members and pledges. Dancing, some entertaining party games, and plenty of beer and sandwiches provided an enjoyable evening for everyone. Speakers have

highlighted most of our meetings, giving some valuable information on all phases of engineering.

Our present strength is that of 26 actives and 15 men in the process of becoming pledges for the current school semester.

Dr. G. A. Rohlich, our chapter adviser, has provided us with invaluable guidance in the planning and furthering of many of our functions.

The present officers of our chapter are: Regent, L. A. Emelity; Vice Regent, Norman Stickney; Scribe, I. L. Wilson; Treasurer, Joseph R. Vinette; Corresponding Secretary, Robert St. Clair.

The future will find many more speakers at our meeting and on May 7, a formal Tri-fraternity dance will be in the offing.

Yours in H & T,

ROBERT ST. CLAIR, Corres. Sec.

*Omicron Active in Rushing and Pledging*

Today, Omicron chapter finds itself a healthy, well-organized group. At present the chapter's strength consists of 23 actives and 11 pledges. A few of the high-

lights of the past year include a rushing party at the Mayflower Club on December 5, an initiation on February 1 in which 9 pledges became brothers of Theta Tau, and a second rushing party on March 5. In a recent election, the following men were appointed to office: Regent, Kenneth Bright; Vice Regent, Charles



Front Row: R. Hudachek, H. Hudachek, H. McFate, J. Riggs  
Back Row: P. Thorson, H. Lorenz, R. Kidd, W. Mayo, L. Jenkinson

Lazenby; Scribe, William Mayo III. The treasurer's post will remain filled by Edward Hartzell for the duration of the school year.

The photograph is of the chapter's new initiates. During an informal initiation, the pledges had quite a time masquerading as women—some putting on a fairly convincing show.

At the present time, the chapter is busily engaged in doing their utmost towards making the coming Mecca Week a great success.

Professor Ned Ashton, '23, the chapter's adviser, is, in addition to conducting his classes, working on a design of a municipal

swimming pool and also on the design for the new Benton Street Bridge over the Iowa River. Brother Paul Mercer, '21, of Keokuk was back on campus for the recent initiation.

The chapter plans to carry on with its rushing and pledging. Several teams are entered in the coming intramural games, including volleyball and table tennis. Plans are also being made for a picnic in the spring, with the single men eager to reap revenge on the married men after last year's defeat in kittenball.

Yours in H & T,  
ROBERT NEWTON, Corres. Sec.

## *Pi Admits a Robust Condition*



Pi chapter at the University of Virginia is reporting in with the Spring of '48. The chapter is large, robust, and hard at work, but be-

fore I go on to activities, let me list some pertinent Pi chapter information.

Our officers are as follows: Regent, Don Hood; Vice Regent, Pete Scott; Treasurer, John Cofer; Scribe, Charles Quarles and Chapter Adviser, Dr. L. R. Quarles.

Our total chapter strength stands at 57, all active members with no pledges. Rushing season is just around the corner and this looks like a good year for filling our ranks with first-rate men. Even with our present chapter size, we are looking for several new men to keep our membership from tumbling dur-

ing the next couple of years as graduation hits the fifth, sixth, and seventh year men.

This year is our 25th anniversary year—Pi chapter enters its second quarter-century in June. Hopes are high to make a gala event of an initiation-anniversary banquet this spring. Another Engineers' Ball, sponsored in conjunction with the Triggers (our arch, local rivals), is due the 2nd of April—never has one of these dances gone by unnoticed. The competition here at Virginia will go on through the usual stages of elections, baseball games, and other diversions. Our sports record is clean and we hope to keep our election ticket in full control.

On this note of hope, Pi chapter ends its report. Best wishes go to all chapters.

Yours in H & T,  
JIM BATCHELOR, Corres. Sec.

## *Rho Takes Inspection Trip*



Rho chapter has been very active this year under the able leadership of our chapter officers. They are:

Robert C. Hinkle, Regent; Grey E. Stone, Vice Regent; Roy L. Yelverton, Scribe, and N. Scot Ireland, Treasurer. Professor T. C. Brown, our faculty adviser, has also been of great help in steering us through the year.

In the fall term, on November 25, 1947, Rho chapter initiated eight men. They are: R. T. Currin, E. W. Hessee, E. C. Hunt, R. T. Lloyd, D. C. Kirkman, N. Klemm, G. B. Whitfield, and S. Wiggins. Again in the winter term, on February 13, 1948, eleven more men were initiated. They are: A. C. Brock, W. M. Clark, R. G. Garey, K. C. Link, C. J. McCann, M. L. McKenzie, E. D. Palmgren, R. M. Parker, C. M. Scallings, B. B. Stoddard,

and L. E. Westmoreland. The initiating of these men brought the number of actives to thirty-seven. Another pledging and initiation is tentatively planned for the spring term because there will be a large number of Rho members graduating in June.

Rho chapter held its annual Founders' Day banquet and dance at the Raleigh Woman's Club. Guest speaker for the occasion was Professor Karl P. Hansen, Head of the Department of Mechanical Engineering here at State College. The evening proved to be a very successful one.

Rho chapter is looking forward, with great pleasure, to the inspection trip that was arranged and planned by Professor T. C. Brown. The brothers will go to Badin, North Carolina to visit the Aluminum Company of America's plant.

Rho chapter is extremely proud to have as

one of our brothers Robert P. Schmidt, of Raleigh, North Carolina. The faculty committee has chosen him as the most outstanding student in the School of Engineering, and The Engineers' Council has awarded him with an engraved gold watch. Brother Schmidt is a senior in chemical engineering, President of the A. I. Ch. E., and Treasurer of Gamma

Sigma Epsilon, national chemical Honor Society. He is also a member of Tau Beta Pi, the inter-Honor Council, and The Engineers' Council.

Rho chapter extends best regards to all the other chapters.

Yours in H & T,  
RILEY M. LITTLE, Corres. Sec.

## Tau Sponsors Engineers Ball



On February 19 at a regular meeting of this chapter the following officers were elected: Regent, Edward Alpert; Vice Regent, Christopher Pallogta; Scribe, Donald Marcellus; Corresponding

Secretaries, Earl Smarzo and Harl Hockeborn; Professor Donald E. Stearns will continue as our Chapter Adviser.

At the present time there are 42 actives in our chapter but within the next two weeks approximately 18 pledges will be accepted. This will bring us up to our quota.

The fall season was a busy one as well as a profitable one. In October we held on Engineers picnic. Interclass football, baseball, horseshoes, volleyball and an 18-hole golf tournament highlighted the activities. Prizes were awarded to individuals in golf and class teams in the other sports. A delicious dinner and bonfires brought the festivities to a close.

On December 5, Theta Tau sponsored the annual Engineers Ball. It was a great financial

success as well as the talk of the Engineering College for quite some time afterwards. Because the hotel is limited to 500 couples the tickets were sold out well in advance.

College elections were recently conducted by Theta Tau. This honor has been extended to us over the past years by the Dean of the College.

Final preparations are now being made for the Annual Engineers Banquet. Being the highlight of the college social program, we take particular pride in sponsoring this event. Outstanding speakers are the feature of the banquet and, of course, it gives everyone a chance to meet new and enjoy old friends.

Some of our members have also been outstanding not only in the college but throughout the university. Danny Hoag is president of the Men's Student Government at the university. Larry Schantz is very active in the Men's Student Government and recently organized an association for electrical engineers.

Yours in H & T,  
DONALD C. MARCELLUS, Scribe

## Upsilon Offers "Whiffenpoof Song" to the Girls



With our swollen school enrollment offering a large number of men for Theta Tau, Upsilon Chapter is rapidly coming into importance on the Arkansas campus. In our fall pledge class we initiated five men:

H. G. Snead, R. G. Meek, D. E. Callahan, W. C. Webb, and E. L. Gammill. Our present pledge class of fourteen pledges will be initiated on March 16 and will increase our active membership to 17 active members.

At our yearly election of officers last spring we elected the following officers: Regent, Tom Lyle; Vice Regent, Bill Russell; Scribe, Lester Redmond; Marshal, Roy C. Harrison; Inner Guard, Chester Haynes; and Outer Guard, John Graves. At our mid-year election this year we elected: Treasurer, Gene

Meek; Corresponding Secretary, Leroy Brooks; and House Manager, Joe Gillespie. Our faculty advisers are Professor W. B. Stelzner and Professor W. R. Spencer.

Upsilon chapter shone in her social functions this year. Most notable of these functions was our annual formal dance held on February 21 of this year. Ralph Stewart, decorations chairman, did excellent work on decorations and succeeded in producing one of the most novel and elaborate decorative schemes ever used in our ballroom. Guests entered the ballroom through a large gear wheel flanked on either side by the Greek letters Theta and Tau. The large ballroom mirror was adorned with an excellent representation of our fraternity crest. Directly in the center of the ballroom hung a large duplication of the fraternity badge, complete on each side with small electric lights to represent the pearls and garnet. A dim spotlight was train-

ed on the badge and a mechanism in the ceiling caused the badge to rotate slowly. In the dim ballroom the badge actually seemed to glow as it rotated. We received many favorable comments on our dance and decorations. In our receiving line were: Dr. and Mrs. Lewis Webster Jones (University President and his

We have recently had the honor of having a member, Lester Redmond, elected to membership in the national honorary and leadership fraternity, Blue Key. In addition, three members, J. O. Grizzell, Gene Meek, and Lester Redmond, and two pledges, Bob McAninch and Clem Cox, were recently elected to



Regent Orin Lyle  
and May Emma Linn

Ralph Stewart  
and Betty Sullivan  
(St. Patricia)

Charles Kent  
and wife, Lorainne

wife), Dean and Mrs. G. P. Stocker (Dean of the School of Engineering), and other notables from the Engineering faculty.

Following the formal, Theta Tau serenaded the organized girls houses and the sororities on the campus; our specialty was "The Whiffenpoof Song." The serenade was a big success and was enjoyed immensely by all, including fraternity members.

membership in Tau Beta Pi, national honorary engineering fraternity.

In closing, Upsilon chapter extends its best wishes to all Theta Taus for a prosperous and successful 1948.

Yours in H & T,

LEROY BROOKS, Corres. Sec.

## Phi<sup>2</sup>Gaining on Purdue Campus



We have almost regained the prestige that Phi had in prewar days. Our active enrollment is at a peak and a sound pledging program is netting us many good men. Many of our

We of Phi chapter wish to take this opportunity to extend our best wishes to all other brotherhoods of Theta Tau. Our chapter is once again taking its place as one of the active fraternities on this campus.

actives are now very active in campus life and, of course, all pledges are encouraged to follow suit. Present and future plans are indicative of many pleasant school days of good fraternal life.

Phi is operating with a full house. There are thirty-two active members in the house and three new men will join our active ranks early this spring. Ten more of Phi's actives have taken on brides and are living about the campus. Steps have been taken toward the rental of several rooms in which we intend to place about ten men. We plan to have a fall

pledge class of ten or more men in order to fill the gap which will be left by the graduating class of 1949.

Representing us in school sports are Dave Whitcomb and Steve Manich, who are giving their all to spring football practice; Dick Corry, who has placed on the track squad; and Bob Hartman, who is active in the box-



Chapter House

ing circles. Kingsley Clauer holds his own in the debate society, while Bob Longardner and Bob Morrison help the Student Senate run school affairs.

Just before the Christmas holidays Phi held its Christmas Formal in one of the local



Phi Xmas Formal

ballrooms. After the dance we all returned to the house and finished the evening singing carols. A grand time was had by everyone. We opened the present semester with an informal Record Dance at the chapter house. Everyone is now looking forward to the spring formal and the Junior Prom. A picnic and softball game with one of the sororities is another event under consideration.

The Professional Committee under the chairmanship of John Rados has arranged for several prominent speakers from the Engineering field. John is now lining up others for the rest of the semester. The talks are very informative and are helping to acquaint us with the problems we will face upon graduation.

Spring will find us giving our house and the grounds a face lifting. This will probably include painting in the house and reseeded our lawn. Phi's house managers, Bill Georges and George Eckerly, are formulating plans for this spring session.

We recently made a concerted drive to try to locate the whereabouts of many of our alumni with whom we lost contact during the war. The drive was very successful as we now have our file much more complete. Every effort is being made to get a large alumni turnout for the Gala Week Alumni Meeting. A mortgage burning is to be the highlight of that meeting. Social chairman, Bob Morrison, is planning on a house dance to follow the meeting.

The faculty sponsor of Phi chapter is Robert Burnett who is on the teaching staff of



Phi Officers

the Electrical Engineering school. Our alumni association is guided by Professor H. L. Solberg, President, and Professor G. R. Springer, Treasurer. Both men were elected at our annual Homecoming meeting last fall. Professor Solberg is the head of the Mechanical Engineering School, and Professor Springer represents the School of Civil Engineering. Nick Trbovitch, Secretary, is a very active member of the Alumni Association. Nick is employed at the Inland Steel Corporation in Indiana Harbor, Indiana, but he has a very lively interest in the active chapter and keeps close contact with me.

The chapter officers who will carry us through the year are: Dave Whitcomb, Reg-

ent; Bob Longardner, Vice Regent; Bob Stavenik, Scribe; and Bob McGlasson, Treasurer. Phi joins all other Theta Tau members in

looking ahead to a grand year of professional brotherhood.

Yours in H & T,  
JAMES T. RAYBURN, Corres. Sec.

## Chi Looking Forward to Regional Meeting



Chi chapter is holding its own in active members, totalling 34 to date. The selection of new pledges is about to get under way so as to bring Chi chapter up to full strength.

The following men were formally initiated into Theta Tau last semester: John C. Parks, Hon. Paul M. Thornburg, Hon. Roy E. Coulson, Robert F. Fei, Lars Holmquist, Raymond W. Ludden, Thomas Van Fleet.

Chi chapter's annual "Stag Bridge Party"

first dance held by Chi chapter for a number of years and we all are looking forward to it.

In the next few meetings plans will be made to send representatives of Chi chapter to the Theta Tau Regional Meeting in Utah. The exact date has not as yet been announced.

Twenty-three brothers will be lost through graduation in May: William Campbell, Ellis Nielson, J. Williams, Richard Barr, John Rich, James Shull, Robert Brown, David Creighton, Joe Dozier, Raymond Henderson, Dan Lewis, Robert Milligan, Kenneth Hood, Edward C. Wood, Roy Coulson, Robert Fei, Lars Holmquist, Raymond Ludden, Carter Nelms, Al-



Chi Chapter

Back Row (Standing): Left to right: B. Brown, K. Hood, R. Henderson, R. Mills, C. Nelms, E. Lewis, J. Komadina, E. Borquist, J. Parks.

Middle Row (Kneeling) Left to Right: E. Nielson, E. Dickerson, L. Holmquist, R. Ludden, V. Soule, R. Fei, J. Upchurch, B. Bogel, J. Dozier, R. Williams.

Front Row (Sitting) Left to Right: J. Rich, R. Milligan, G. Ruggles, D. Creighton, D. Barr, T. Van Fleet.

was held at Professor B. S. Butler's lovely home. Everyone again proved to be expert bridge players since we all "won a prize." Tasty refreshments were served with the compliments of the faculty wives. A really good time was had by all.

This year Chi Chapter has decided to hold a dance for the new initiates. A tentative date for April 16 has been set, and the place will be the Santa Rita Hotel. This will be the

vin Freidson, Bob Bogel, Dan Howe, and Van Soule.

These men represent well over 50 percent of our active brothers, so our pledge list should necessarily be large this coming semester.

Chi chapter officers for the coming year are: Regent, Robert Williams, Vice Regent, Guy Ruggles; Scribe, Bill Oliver; Treasurer, Jim Upchurch; and Corresponding Secretary, Arne Midgard.



Chapter Adviser E. S. Borquist will again extend a guiding hand this year.

Chi chapter sends its sincerest fraternal

greetings to all its alumni and to all brothers of Theta Tau.

Yours in H & T,  
ARNE MIDGARD, Corres. Sec.

## Psi Has a Busy Winter



Psi chapter has enjoyed a very pleasant period since the last issue of the Gear. The activities have been full and enjoyable.

Initiation of members, visiting national officers, a swimming party, election and initiation of

officers, and numerous intramural basketball games have occupied the chapter through the winter.

The first of the activities by date and importance was the initiation of thirteen new brothers into Theta Tau. In a candle light ceremony, those initiated were Harry Callaway, Chattanooga, Tenn.; Alfred Ek, Butte, Mont.; Bruce Emerson, Livingston, Mont.; Jack Gentry, Kansas City, Kans.; Carl Howald, Billings, Mont.; Gordon Irving, Calgary, Alberta; Herbert Keen, Spokane, Wash.; Norman King, Butte, Mont.; Gordon Lanouette, Billings, Mont.; Richard Lenz, Columbia Falls, Mont.; Edgar Pinnick, Lincoln, Kans.; Thomas Manual, Havre, Mont.; and Thurn O'Donnell, Three Forks, Mont. This now brings the chapter enrollment to thirty-six active members.

The leading national activity was the observance of Founders' Day. A formal dinner-dance was held on October 8, 1947, at Echo Lake Lodge. This observance was necessarily delayed because of pre-existing conflicting A. S. S. M. activities. The party was attended by thirty couples, including Mr. and Mrs. Paul Ripley, representing the alumni, and from all reports was very successful with all concerned fully enjoying themselves.

A swimming party was held on February 22, 1948 in the plunge of the school gymnasium. Following the swimming, light refreshments were served in the Engineering Building. Soon after the "Juke Box" was hauled out and "Let there be Music," "T. D.," "J. D.," "Muscle Throat," etc, dancing concluded the evening.

The election and initiation of new officers was held with the following men guiding our destiny. Bruce Emerson is Regent; Jack Gentry, Vice Regent; Richard Lenz, Treasurer; and Gordon Irving, Scribe.

Psi chapter has maintained a basketball team in the intramural conference. The playing has been carried out in two sections and a double-elimination tournament. We have enjoyed good success losing three games in the first section, one game in the second section, and are undefeated to this date in the double-elimination tournament. On the playing roster has been: Gordon Irving, "Swede" Auguston, Bob Meehan, Bruce Emerson, Kohler Stout, Bob Burns, Dick Lentz, "Shaky" Schook, Emmett Gillmore, Jack Gentry, and the writer.

In early November we were honored with a visit by Brother George Carter, Grand Outer Guard of Theta Tau. Brother Carter is Professor of Mechanical Engineering at the University of Utah. Problems of our national organization were discussed with him.

The members and pledges of Psi chapter wish continued success to other Theta Tau chapters, alumni, and to the Executive Council.

Yours in H & T,  
C. R. BARNES, Corres. Sec.

## Omega Has About Four Dozen Pledges



Omega chapter has had a very successful year as indicated by the record of achievements during the last six months. Many improve-

ments have been made in the house and we have remained active in campus activities.

Our chapter officers at this time are: Regent, Michael Higgins; Vice Regent, Byron Strandell; Scribe, Don Schoessler; Treasurer, Robert Boyle; and Corresponding Secretary, Marvin Petersen. Professor J. O. Kammerman is serving as chapter adviser.

For the spring term, we have 34 active members returning and 46 pledges. George Schmid and Richard Wilmarth were graduated at the end of the winter term.

Omega chapter has been very active in the intramural sports program on the campus. In a hard-fought basketball game at the end of the season, Theta Tau No. 1 team climaxed a successful year by retaining possession of the Miner's Hat Trophy. This is the second successful year that we have won the trophy.

The annual Christmas dinner for alumni and actives again proved to be one of the most successful events of the social calendar. Since



that time we have had a pledge smoker and a pledging dinner at which 38 men were pledged. Another smoker and the spring formal are scheduled for the spring term.

Many improvements in the house have been made this year. The kitchen has been completely renovated by the addition of a new range, cabinet sink, and fluorescent lighting. New furniture and lighting fixtures have been installed in the living room. Future plans for improvement call for a new shower room before the end of the year.

Work on the chapter newsletter, "The Flowsheet," has been started. We intend to publish it in a few weeks. The files of alumni addresses are still incomplete but we hope to have most of the addresses before the end of the year.

Yours in H & T,  
MARVIN E. PETERSON, Corres. Sec.



Theta Tau No. 1 Basketball Team

## Gamma Beta Membership at All-Time High



Gamma Beta now has the greatest number of active members in its history. At this writing we have 36 active members and 12 pledges.

We are fortunate in having the Grand Vice Regent, Norman B. Ames ("Deacon" to

us) faculty adviser.

Our chapter officers are: Regent, Donald D. Blanchard; Vice Regent, Merrill R. Brown; Scribe, Allan Ensign; Treasurer, Elmer G. Sunday; and Marshal, Harold B. Thomasson.

The fraternity is ably represented about the campus and the School of Engineering. Fremont Jewell is President of the Student Council, Frank Cullen is chairman of A.I.E.E., Herbert Murray is chairman of A.S.M.E., Harold Thomasson, chairman of I.R.E., and Ervin Liljegren, chairman of A.S.C.E.

Founders' Day was celebrated October 18 with an initiation, banquet, and dance. The usual good time was had by all. Initiated were Brothers Dwight Hastings, Frank Cullen, Robert Manville, and Herbert Murray.

On November 8 the chapter and prospective

pledges were guests at the home of Deacon Ames. The annual football game and oyster fry was enjoyed by all.

Our largest initiation yet was held on January 3. Initiated were Brothers A. H. Jones, J. LeCroy, J. A. Le Reihe, N. Zeigler, C. Campbell, Scott Ebrite, J. A. Sinsabaugh, John Church, A. C. Brown, F. W. Wheeler, V. H. Hennessy, E. O. Stengard, R. D. Mayo, S. H. Raker and G. W. Plondke. A bang-up party followed.

A reception was held in honor of Honorary Member Frank A. Howard, on February 4; Mr. Howard was presented with a model of the Gear.

The Engineer's Ball was a record affair this year with all Theta Taus capable of moving being there.

Our birthday party will be held March 20 with great expectations. Twelve pledges are slated to be initiated.

George Plondke and Merrill Brown have each done their bit for posterity recently by furthering the male population with two boys.

This is just the beginning of things for Gamma Beta.

Yours in H & T,  
J. T. DALLAS, Corres. Sec.

## Delta Beta Is Busting at the Seams



With the increase in the number of actives to 53 in addition to pledging 22 new members Delta Beta chapter has found it necessary to remodel the house. Construction of a large

meeting room on the second floor is in progress. The backyard has been enlarged for recreational purposes and plans have been made for painting the house this spring.

Newly elected officers are: Liston Taylor, Regent; Thomas Agee, Vice Regent; Milton Harbsmeier, Scribe; Charles Hoertz, Treasur-

er; and Corresponding Secretary, Richard Gloor. Professor M. G. Northrop, Head of the Department of Electrical Engineering, continues as our faculty adviser.

The chapter is still going strong in campus activities. Members of the fraternity hold offices in all the professional societies and the 3rd, 4th and 5th year classes. The president of the senior class and Speed School Student Council are active. An overwhelming majority of the Student Council are Theta Taus. The chapter participated in the University of Louisville Sesquicentennial Celebration, and

supported the Homecoming by entering a float in the parade and decorating the house. A rush banquet was held recently and the Jacquemont Rose Dance is planned for May. Formal initiation for five pledges will be held in April.

The alumni club is also very active, having regular meetings twice a month.

The chapter is enjoying a very successful and eventful year.

Yours in H & T,

RICHARD GLOOR, Corres. Sec.

## Chicago A. A. Has Spring Meetings

Dear Brother Howe:

The Chicago Alumni Association held its last dinner meeting on February 11, 1948, at Chicago's Central YMCA, with thirteen brothers present. An election of officers was held, with the following results: Dr. D. V. O'Keefe, President; G. C. Griffith, Vice President; Nick Trbovitch, Secretary-Treasurer; H. H. Hopkins and J. C. Bush, Directors. After the election, a general discussion was held on the registration of engineers. It was the consensus of opinion of those present that such registration is beneficial to the

engineering profession and worthy of our support.

It is planned to hold another dinner meeting in April, which meeting will probably feature a colored film on paper making.

The new officers intend to make the future meetings as interesting as possible and urge all members in the Chicago region to attend. Members in the Chicago region presently not receiving notices of meetings should contact any of the officers.

Yours in H & T,

NICK TRBOVITCH, Sec.-Treas.

## Intermountain Installs New Officers

Dear Brother Howe:

The recent change in the officers of the I.A.A. and particularly the change of Secretary-Treasurer, after many years of faithful service by C. Milton Anderson, has caused undue delay in our report for this issue of the Gear. I am hoping this notice will reach you in time for the issue, but if not, you can still change your record of our alumni association. The new officers, installed on March 12, 1948, are: President, Ernest Klepetko, Beta '11; Vice-President, Elton W. Pace, Lambda '30; Secretary-Treasurer, John William Jenkins, Lambda '44; and the Advisory Board, Erich J. Schrader, Alpha '05; Eugene G. Snedaker,

Gamma '14; Ellis W. Barker, Lambda '24; George M. Jones, Lambda '27; Lynn C. Peterson, Lambda '39; Thomas C. Lucas, Lambda '44; Bud H. Ensign, Lambda '45; and Robert C. Mayer, Lambda '48.

This installation was held in conjunction with the election to honorary membership of Dr. Carl J. Christensen, Dean, School of Mineral Industries, University of Utah. I believe a report of this initiation has been submitted by Lambda chapter.

Hoping to be more punctual in the future, I remain,

Yours in H & T,

JOHN WM. JENKINS, Sec.-Treas.

## K. C. A. A. Has Enthusiastic Membership

Dear Brother Howe:

The K. C. Alumni Association has been fairly active throughout the last year. We have approximately fifty alumni on our rolls and hold four or five meetings per year, several of the meetings being mixed parties so that the wives are able to get better acquainted. The officers for the year 1947 were Ashford M. Galbreath, President, and Marvin Hensley, Secretary-Treasurer.

A pot-luck supper was held at Lake Tapa-

wingo, approximately fifteen miles from Kansas City, in September last year, and approximately thirty K. C. Alumni, with their wives and families, enjoyed a pleasant evening. At this meeting a voluntary contribution was taken up for the purpose of purchasing some furniture for the Theta Tau House in Lawrence, Kansas. The Alumni Association purchased a table and lamp which have helped to add a more home-like appearance to Zeta Chapter house.

A stag meeting was held in November of last year at the home of Ralph Nusser, the Grand Regent of Theta Tau, and at this meeting the following officers were elected for the year 1948: Alex S. Kennedy, President; Steven A. Bergman, Vice President; and Edwin A. Elliott, Secretary Treasurer.

On March 11 the Association held a dinner party at the Indian Hills Country Club.

Some fourteen alumni and their wives enjoyed an excellent dinner followed by Bingo, dancing and card games. In spite of very cold weather, a good time was had by all.

We have built up considerable enthusiasm in the Alumni Association and are hopeful of having a very successful year.

Yours in H & T,  
E. A. ELLIOTT, Secretary

### *N. C. A. A. Not Superstitious*

Dear Brother Howe:

At a meeting of the National Capitol Alumni Association on February 24, 1948, the following officers were duly elected: President, J. Harold Link; Vice President, Joseph Hartman; Secretary, Robert G. Weston; Treasurer, Frank Weathersbee; Executive Committee, George Lohnus, Carl Estabrook, and Jack Beane.

We are looking forward with a good deal

of pleasure to helping Gamma Beta celebrate its thirteenth birthday with an initiation of 15 new members and the usual banquet and dance.

I am sorry that I'm sending this letter off to you so late but I hope it makes that deadline you were kind enough to stretch.

Yours in H & T,  
ROBERT G. WESTON, Secretary

### *Cleveland A. A. Locating Local Theta Taus*

Dear Brother Howe:

At the last meeting of the Cleveland Alumni Association, on Founders' Day—a tentative date was made for the Mid-Winter Meeting which was to be held in the Tomlinson Building which has been under construction for over one and a half years and was scheduled to be completed March 1, 1948.

This building is to house all student activities at Case, and it was hoped that the Cleveland Alumni Association would be the first group of its kind to make use of its facilities. However, we were too optimistic in our estimates of the building trades. The scheduled opening of the building was delayed from week to week with the result that our "Mid-Winter" will now be our "Spring Meeting" and a definite date of Friday, May 7, has been set. It will be held in the old Case Club and in place of celebrating the "opening" of a new building—we will use the occasion to "bid farewell" to the old one.

The program for the evening has not been completed but it probably will not include an "initiation" which we had planned. How-

ever, the initiation will be conducted by the active chapter on Tuesday, April 20, and all alumni are invited to attend. At the time of this writing the place has not been selected, but it probably will be in one of the local Fraternity Houses. We hope as many of the Alumni, who possibly can, will be present.

No changes have been made in the list of Officers of the Cleveland Alumni Association. Our President, Professor Lealie Reardon, has appointed a membership committee and they, along with the help of the active chapter, are endeavoring to locate all "Theta Tau Men" in this area.

I have located a number of men from out of state chapters through the "Personal Items" of the various chapters appearing in each issue of the Gear.

I trust this will reach you in time for the next issue of the Gear so that news of our activities will reach all "Theta Tau Men" in this area.

Yours in H & T,  
GUSTAV KODET, Secretary

Foreman: "You are asking big pay for a man with no experience."

Applicant: "Well, the work is much harder when you don't know anything about it."

Pa: "Now, my son, tell me why I punished you."

Son: "That's it. First you pound the hell out of me, and then you don't know why you did it."

# Alumni Notes

## ALPHA

TORRANCE, ELL, JR., '07, Vice President of Baker Properties, Inc., Minneapolis, Minn., lives at 510 Groveland, Minneapolis, Minn.

WOODRICH, OSCAR FREDERICK, '08, is president of the Woodrich Construction Co., 425 Hennepin, Minneapolis, Minnesota, and lives at 1776 Dupont Ave., S. Minneapolis, Minn.

WALLING, BENJAMIN BENNETT, '09, is president of the B. B. Walling Co., 1282 N. W. National Bank Bldg., Minneapolis, Minn., and lives at 4850 W. Lake Harriet Blvd., Minneapolis, Minn.

WILLIAMS, PERCIVAL HAMER, '22, is division plant superintendent for the A. T. & T. Co. in Cleveland, Ohio. Home is 20624 Erie Road, Rock River, Ohio.

SIMMS, CHARLES GUY, '24, is still with the A. C. Spark Plug Co., Division of General Motors Corp., Flint 2, Michigan. Home is at 1818 Montclair, Flint.

ODELL, RAYMOND HANSEL, '32, is meteorologist for Western Airlines at the Los Angeles Airport. His home address is 157 A Brighton Road, Gardena, California.

WILSON, J. HEDDEN, '32, is with the Joslyn

Mfg. & Supply Co., 20 N. Wacker Drive, Chicago, Illinois, and lives at 3700 S. Morgan Street, Chicago 9.

WEHMANEN, OSCAR, '33, is now engineer for the Cons. Vultee Aircraft Corp. in Ft. Worth, Texas.

NERWICK, CHARLES M., '40, gives his address as 64 Sandusky, Monroeville, Ohio.

DAHLBERG, HARRY RICHARD, '43, assistant professor, Industrial Department, Oregon State College in Corvallis, wants his mail sent to R. Route 2, Philomath, Oregon.

HOKENSON, LYNN NORVILLE, '44, is a production engineer, Container Corp of America, 12401, Euclid, Cleveland 12, Ohio, and lives at 1186 East 93rd Street, Cleveland, Ohio.

BRETOL, REMUS N., '46, asks that his mail be sent to him at Box 318, Manhattan Beach, California.

THOMAS, JOHN, '46, is with Westinghouse Manufacturing Co. in Pittsburgh where mail should be sent to 131 Morewood St., Pittsburgh 13, Pa.

## BETA

HOOD, K. K., '12, is now managing the mines of the Callahan Lead & Zinc Co., at White-pine, Colorado.

SCHABER, CARL F., '12, is now with Cia. Aceras Especiais Itabira, 12 Avenue, Nilo Pecanha, Rio de Janeiro, Brazil.

METCALF, JOHN CLAFFIN, '13, is now assistant manager of the Pickards Mather Co., 700 Sellwood Bldg., Duluth, Minn., and lives at 101 N. Hawthorne Road, Duluth.

Hicks, Frank V., '13, has been appointed general superintendent of mines for the Geneva Steel Co., Geneva, Utah.

KING, ROWLAND B., '16, was elected president of the Northwest Mining Association for the year 1948. He is in charge of the exploration department of the Sunshine Mining Co. with offices in the Peyton Bldg., Spokane, Washington.

FITZGERALD, ROBERT CHARLES, '34, is physical metallurgist with the Consolidated Gas & Electric Co. in Baltimore and lives at Old Washington Blvd. at Montgomery Road.

BENNETT, THOMAS CLINTON, '40, is engineer for the Anaconda Copper Mining Co. in Butte, Montana, and lives at 226 West Silver St., Butte.

DONOVAN, CLAIR MARSHALL, '42, is with the Wheeler-Van Co., 13 S. W. McConnell Street, Grand Rapids, Michigan. Home is at 338 S. E. Gladstone, Grand Rapids.

ROBILLARD, ROBERT JOSEPH, '44, is with the City Engineer's Office, City Hall, Benton Harbor, Michigan.

BREIMEISTER, WILLIAM, '47, gives his mailing address as 14344 Warwick, Detroit, Michigan.

## GAMMA

BOATRIGHT, BYRON BLACKBURN, Honorary, vice president and chief engineer of the Republic Natural Gas Co., 1535 Federal Street, Dallas, Texas, has a new home address at 3616 Purdue Avenue, Dallas.

NOLAN, PHILLIP EDWARD, '13, has retired as chief geologist of the Mene Grande Oil Co.

in Venezuela, and is now living at 1034 Yale Avenue, Sarasota, Florida.

PEARCE, JAMES W., '14, manager of the James Construction Co., has moved his headquarters from Seattle to Pasco, Washington, where he gets mail at P. O. Box 204.

MCGUIRE, PHILIP JENNER, '15, western sales

- manager, Oliver United Filter Co., 351 California Street, San Francisco, has moved to Apt. No. 1, 484 Merritt Avenue, Oakland, Calif.
- OLIVEROS, R. P., '17, representative for Semet Solvay Engineering Corp., has a new residence at 4 Lipton Lane, Williston Park, New York.
- METZGER, O. H., '19, field geologist for the Union Mines Development Co., can be addressed at P. O. Box 152, Osburn, Idaho.
- JONES, DAVID LEWIS, '22, owner and manager of the Dines Supply Co., 1441 Ogden Street, Denver, Colorado, wants mail sent to P. O. Box 206, Arvada, Colorado.
- PRICE, BAILEY ENGLISH, '23, is manager of the National Electric Coil Co. of Pa., 1518 Walnut, Philadelphia 3, Pa., and lives on Hillspoint Road, Westport, Conn.
- AMSDEN, BURT, '25, chief mining engineer for Motichand & Co., has a new address in New York City at 496 East 74th Street.
- BAUSERMAN, E. V. H., '25, valuation engineer for oil and gas is now with the U. S. Bureau of Internal Revenue in Washington, D. C., and gives his new address as 2901 18th Street N. W., Washington, D. C.
- RENKEN, HOWARD C., '25, is a research engineer for Battelle Memorial Institute in Columbus, Ohio, but gets his mail at 91 Fallis Road, Worthington, Ohio.
- CORMACK, WILLIAM W., '26, regional supervisor of sanitation for the Virginia State Health Dept., has been transferred to Norfolk and his mailing address is 1947 Edgewood Avenue.
- CRONING, GEORGE H., '26, Captain, U. S. A., is in Korea and his address is 377 Ordnance Bn., APO 6, San Francisco.
- SHEAHAN, JOHN A., '26, is chief heating engineer for the Atlanta Gas Light Co., P. O. Box 4569, Atlanta 2, Georgia, and lives at 573 Seminole Avenue N. E., Atlanta.
- WELLS, THOMAS L., '29, is now engineer for North American Mines, Inc., 31 Milk Street, Boston, Mass.
- ROBISON, J. L., '30, formerly general superintendent in the Grand Junction, Colorado, area for U. S. Vanadium Corp., has become associated with F. A. Sifton of Dove Creek, Colorado, in carnotite production.
- CARTER, EDWARD LEWIS, '31, machinery export manager for the W. C. Norris Co. and other concerns, has offices in Room 1940, RCA Bldg 30, Rockefeller Plaza, New York 20, N. Y. Home is at 160 East 48th Street, New York City.
- COOLBAUGH, JOHN, '31, has a private consulting practice now and also represents some mining machinery houses in Bulawayo, Southern Rhodesia, Africa. He reports that Henry Putz, Gamma '32, and Gerald Parkinson, Gamma '25, are also there.
- ZWICK, WALTER H. E., '32, can be reached at P. O. Box 340, Steilacoom, Washington.
- FARRELL, CARL Y., '33, sent in his address as Lt. Colonel C. Y. Farrell, Quarters Number 47, Fort Belvoir, Virginia.
- HARRISON, ROBERT WRIGHT, '33, consulting engineer in Houston, gives his home address as 3132 Georgetown Street, Houston, Texas.
- SHARP, PAUL G., '33, is owner and manager of the P. G. Sharp Co., P. O. Box 206, Normal, Illinois, and lives at 310 Mason Street, Normal.
- TURCHAN, T. P., '34, gives his address as Box 596, Henderson, Nevada.
- DAGGETT, WILLIS K., '35, is now division sales manager for the Eastman Oil Well Supply Co. with headquarters in Dallas, Texas, where his business address is P. O. Box 5298.
- TRUE, CLYDE L., '35, Captain U. S. A., can be addressed at P. O. Box 298, Brooks Field, Texas, where he is with the Hq. 10th Air Force.
- CHRISTMAN, JOHN J. JR., '36, consulting geologist and petroleum engineer has returned to his office in Lubbock, Texas. His mailing address in Lubbock is 2811 22nd Street.
- SAWITSKE, HOWARD ADOLPH, '37, assistant to the general manager of the Bohn Lumber Products Co. Interzone, Roseville, Detroit, Michigan, wants his mail sent to Box 3815, Park Grove station, Detroit 5, Mich.
- BREMKAMP, LOUIS EDWARD, '38, is now vice president and superintendent of the Tri-Sulex Corp., P. O. Box 32, Marion, Ohio. Home is at 518 Summit Street, Marion.
- FALLIGAN, WILLIAM F., '38, lives at 2443 Newton, Denver 11, Colorado.
- STRAIN, WILLIAM E., '38, supervisor geophysical section, The Superior Oil Co., is addressed at Box 11, Victoria, Texas.
- WEINIG, ARTHUR J. JR., '38, is now refinery superintendent for the Potash Company of America. His mailing address is P. O. Box 31, Carlsbad, New Mexico.
- BLAIR, ROBERT J., '39, has moved to 1113 West 46th Street, Ensley, Alabama. He is assistant superintendent for the Black Diamond Coal Co., Dixiana, Alabama.
- FINLAY, RALPH G., '39, now engineer with the Colorado State Highway Commission, has a new home at 2015 South Clayton, Denver, Colorado.
- HERRAES, SCHUYLER A., '39, gives his mailing address as 480 Brevoort Road, Columbus 2, Ohio.
- YOUNG, HERBERT L., '39, has left Arizona and returned to his home at 35 Rockville Avenue, Rockville Center, New York.
- DYE, C. MAC, '40, gets his mail at Box 26, Howe, Idaho.
- FILLO, PAUL V., '40, gives his present mailing

- address as Box 33, Ordway, Colorado, where he is doing contracting and mining.
- PARIS, EVERETT M., '40, is now with the New Park Mining Co., Keetley, Utah.
- YEAGER, GEORGE G., '40, has as his new business mailing address Box 497, Aluminum Research Laboratories, East St. Louis, Illinois.
- JANAKKA, WILFRED E., '41, returned to the states from Canada and is now engineer for U. S. Vanadium Co. at Bishop, California.
- PARISE, C. WILLIAM, '41, gets his mail at P. O. Box 124, Library, Pennsylvania.
- PATTY, WALTER L., '41 is now residing at 716 East Henderson, Tampa 2, Florida.
- GARGAN, JOHN VINCENT, '42, is with the J. V. Gargan Engineering & Sales Co., 3221 20th Street, San Francisco, California, and home is at 155 Belvedere, San Francisco.
- KINGMAN, OWEN, '42, geologist for the Tennessee Copper Co., wants mail sent to P. O. Box 393, Ducktown, Tenn.
- LEONARD, JAMES R., '42, is now with Stone & Webster Engineering Corp. as field engineer and gives his home as 1208 1/2 Seal Way, Seal Beach, California.
- HOPPER, ROBERT A., '43, is sales engineer for the Colorado Fuel & Iron Co. with headquarters at the Denver office. The Hoppers live at 4201 South Pearl Street, Englewood, Colorado.
- SHELTON, WILLIAM F., '43, has been promoted by the Humble Oil & Refining Co. to associate engineer and has been sent to the New Orleans office, 1405 Canal Bldg.
- STOCKMAR, TED P., '43, who is studying law at the University of Denver, lives at 6315 East 12th Avenue, Denver.
- CEDARBLADE, DONALD L., '44, petroleum engineer, has moved again and is now at 5418 Austin Street, Houston 4, Texas.
- CROAKMAN, CARL MELVIN, '46, now represents Binney & Smith Ltd. of Canada in Toronto, Ontario, and gives his home address as 14 Grenadier Heights, Toronto 3, Ontario, Canada.
- McKEEVER, JOHN HEBERT, JR., '47 announces the birth of Peter Ellis on November 12, 1947. He is geologist for the California Standard Co., and asks that mail be sent in care of the company 700 Lancaster Bldg., Calgary, Alberta, Canada.
- ZIMMERLY, RICHARD F., '47, geophysical computer for The Texas Co., now lives at 526 Dewar Street, Rock Springs, Wyoming.

## DELTA

- SYKES, W. P., '16, should be addressed in care of the General Electric Co., 1331 Chardon Road, Euclid, Ohio.
- ABBOTT, GEORGE, '23, has been appointed Consul General to French Indo-China.
- SEARS, RICHARD W., '25, is attached to the American Embassy in Paris, France.
- FOCKE, T. B., '26, has been appointed factory manager of the Curtiss-Wright Corp. airplane division in Columbus, Ohio. Home is at 750 South Chesterfield Road, Columbus.
- MILLER, JOHN C., '26, is now with the Skidmore Gear Co., 1965 East 66th Street, Cleveland, Ohio.
- HUDSON, JAY STALEY, '30, is executive assistant to the management of the Willard Storage Battery Co. in Cleveland, and lives at 1667 Richmond Road, Lyndhurst, Ohio.
- ROODMAN, FRANK, '31, is working for The Austin Co. in Chicago and lives there at 3063 N. Neva.
- HANNUM, CHARLES MARTIN, '32, retired Major U. S. A., is back with the A. J. Brandt Co., 1005 Hofmann Bldg., Detroit 1, Michigan, and wants mail sent to that address. He has had a tough time. He broke his leg a second time in a jeep wreck in Germany and it was almost two years before it healed. He still wears a brace but hopes to discard it soon.
- McCULLOUGH, JAMES, '34, is sales manager of the Wade-Morrison Co., Shaker Heights, Ohio.
- McKINNEY, JAMES, '36, is an engineer for Christian, Schwarzenberg & Gaede Co., Cleveland, Ohio, with offices in the Union Bldg.
- HANVILLE, SCOTT, '38, was recently appointed head of the aircraft electric power section, Bureau of Aeronautics, Navy Dept., Washington, D. C.
- SEAYER, WILLIAM, '38, and family have moved to Oak Ridge, Tennessee, where he is working for the Fairchild Engine and Airplane Corp.
- BOLZ, RAY, '40, is assistant professor in the department of Aero Engineering at Rensselaer Polytech Institute, Troy, New York.
- NEVILLE, HARVEY, '40, and Miss Joanne Hall Whitely were married on October 11, 1947.
- AMBROSE, HARRY J., '41, is in the Civil Engineering Department of the University of Tennessee, Knoxville, Tenn.
- DEEMS, NYAL, '41, is in the civil engineering department of the Cleveland Electric Illinois Co., Cleveland, Ohio, 75 Public Square.
- DORRIS, ROBERT, '41, is with Westinghouse Electric Corp. in Bloomfield, New Jersey.
- HECKMAN, WILLIAM, '41, is in charge of the district sales office of the Clark Controller Co., in Syracuse, New York.
- OBENCHAIN, F. RAY, '41, is a sales engineer



- for the Reliance Electric & Engineering Co., New York City, 420 Lexington Avenue, and lives in Cedar Grove, New Jersey.
- PATTON, OWEN B., '41, is a process engineer for the Jack & Heintz Precision Products Inc., 17600 Broadway, Bedford, Ohio.
- VAN HORN, IRVING, '41, is with Goodyear Aircraft Corp. in Akron, Ohio. Home is at 1102 Roslyn, Akron.
- CLARK, ROBERT, '42, can be addressed at P. O. Box 989, Clearwater, Florida.
- HEPPERT, ERNEST DAVID, '42, is a construction engineer for The Austin Co. in Louisville, Kentucky, 400 Wabasso Avenue.
- LEACHMAN, ROBERT, '42, is a graduate student in Physics at Iowa State College, Ames, Iowa.
- MLAKAR, CHARLES, '42, has a new home address at Hilltop Road, R. F. D. #4, Chagrin Falls, Ohio. He is with the Frank T. Goetz Machinery Co. in Cleveland.
- SOWERS, GEORGE F., '42, is assistant professor of civil engineering, Georgia Institute of Technology, Atlanta, Ga.
- REITZ, JOHN C., '43, and Miss Patricia Ann Firestone were married on September 13, 1947. He is enrolled in the graduate school of the University of Chicago.
- GROSS, JEROME, '44, and Miss Carole Ann Conant were married on October 4, 1947.
- NUSBAUM, WILLIAM, '44, is with the New York City office of Leeds & Northrop Co., 60 East 42nd Street.
- PARSONS, HOWARD SCOTT, '44, and Miss Ruth Adelaide Barren were married October 11, 1947. He is a senior at the University of Arizona and they are living at Tucson.
- SNOW, RALPH CHARLES, '44, is now with English & Laurer, air conditioning engineers, 1978 South Los Angeles Street, Los Angeles 11, California, and mail should be sent to him at that address.
- DUFFY, THOMAS, '45, is with Williams & Co., 3700 Perkins Avenue, Cleveland, Ohio.
- SMALL, CHARLES B., '45, is equipment engineer with United Airlines, P. O. Box 3000, South San Francisco, Calif.
- FARMER, WILLIAM, '47, is working as a design engineer in the main office of the Sohio Pipe Line Co., St. Louis, Mo., 407 N. 8th Street.
- KREGER, ROBERT, '46, is taking graduate work at Case, while his brother William Kreger is at the University of Illinois.
- GREEN THOMAS A., '47, is studying for a Master's degree at the University of Geneva in Switzerland. He wants his mail sent to him at 29 Bis Avenue, Miremont, Geneva, Switzerland.
- WILLETT, RICHARD F., '48, sent in his address as 7430 Boyer St., Mt. Airy (Philadelphia), Pennsylvania. Since his graduation in January, he has been associated with United Engineers & Constructors, Inc., in Philadelphia, as a junior electrical engineer.

## EPSILON

- PERRY, VINCENT D., '22, is now chief geologist for the Anaconda Copper Mining Co. at its New York headquarters, 25 Broadway.
- WILES, GLOYD M., '23, formerly plant manager of the MacIntyre Development of the Titanium Division of the National Lead Co., is now chairman of the company's mining committee with headquarters in New York City, 111 Broadway.
- LINDSAY, CHARLES A., '35, is production manager with the Stauffer Chemical Co. He should be addressed in care of the company, Richfield Bldg., Los Angeles, California.
- ARTHUR, MILAN G., '37, who is with the Union Oil Company of California, lives at 1024 Whitley Street, Whittier, California.
- CHURB, PHILLIP DARROW, '37, Comdr. USN, gives his mailing address as 2637 Piedmont, Berkeley, California.
- HUSTON, JAMES D., JR., '37, gives his mailing address as Box 387, Imperial, California.
- ROWE, WILLIAM E., '38, gives his address as c/o The Texas Co., P. O. Box 320, Long Beach 1, California.
- BOWEN, OLIVER E., JR., '40, wants his Gears sent to 351 S. 47th Street, Apt. 1B, Richmond, California.
- JUNG, GEORGE, '40, and Gertrude Goebel were married in the summer of 1946. He is with the California Utilities Commission.
- NIELSON, ROY, '40, has a new address. It's 1447 13th Ave., Oakland 6, California.
- SAVAGE, JOHN, '40, Major, Ordnance Dept. Regular Army, is now attending M. I. T. and studying for his Master's degree in Mechanical engineering. He and his wife and daughter are living in Cambridge. His mailing address is c/o Watertown Arsenal, Watertown, Mass.
- TAVES, MAX J., '42, is in the engineering office of the Richfield Oil Co., P. O. Box 47, Long Beach, California.
- THOMAS, BLAKEMORE E., '40, announced the birth of a daughter, Leslie Thomas, on December 27, 1947, in Pasadena, California.
- YOUNG, GEORGE C., '40, gives this office the following as his current address: 512 State Building, Civic Center, San Francisco, California. Brother Young, by court order,



changed his name from Jung to Young last year.

CAPEN, MAXWELL GARY, '41, whose name was changed from Caplen recently, is geologist for the Superior Oil Co., 313 Sill Bldg., Bakersfield, California, and has his home at 1814 Quincy, Bakersfield.

OGEI, BURDETTE ADRIAN, '41, is geologist for the Union Oil Co. of California in Santa Barbara, Calif. Home is at 91 Cold Spring Road, Santa Barbara.

EGINTON, LAWRENCE GEORGE, '42, is engineer for Stanolind Oil & Gas Co., Fair Bldg., Ft. Worth, Texas.

HOLZGRAF, PERRY W., '42, is now mining engineer for the Federal Mining & Smelting Co., Wallace, Idaho. He had been with the CAA at Anchorage, Alaska, as a location engineer doing field work throughout Alaska.

NACKOWSKI, MATTHEW PETER, '42, is instructor in geology at the Missouri School of Mines in Rolla, Missouri.

LANDRETH, T. C., JR., '47, wants his mail sent to 1919 Carnel, Whittier, California.

SCHUELER, DORNIER T., JR., '48, is sampling engineer of the Idaho-Maryland Mining Corp., Grass Valley, California. His address is Elks Club, Grass Valley, Calif.

## ZETA

MANGELSDORF, ALBERT H., '12, is vice president of Ed Mangelsdorf & Brother in St. Louis, and lives at 238 Park Road, Webster Groves 19, Missouri.

RANKIN, DONALD M., '15, is division superintendent of the Santa Fe Railway in southeastern Kansas and lives at One East 3rd, Chanute, Kansas.

SMEI, GEORGE, '17, still lives on Brighton Road but mail should be addressed c/o Continental Oil Refinery, Denver 2, California or he may not get it.

GIBSON, WOODMAN L., '18, is now regional director of the War Assets Administration in Chicago, Illinois and lives at 540 Iowa Street, Oak Park, Illinois.

FOX, PAUL, '20, is a sanitation engineer with the Civil Service and his present address is c/o American Embassy, Montevideo, Uruguay, South America.

JAKOSKY, J. JAY, '20, President of International Geophysics Inc., with offices at 1063 Galey Avenue, Los Angeles, 24, Calif., was elected, last year, to the Presidency of the Society of Exploration Geophysicists.

CORNELIUS, PAUL DEAN, '23, has offices as manufacturers agent and can be addressed at 2017 Terminal Annex P. O., Los Angeles 54, California. Home is at 3047 Hill, Huntington Park, California.

JANES, GALE MCCRAY, '23, represents the Sloan Valve Co., 335 Builders Exchange, Portland 4, Oregon. Home is at 8340 SW Canyon Lane, Portland.

CAMBERN, THEODORE JESSUP, '25, is principal assistant engineer, Howard, Needles, Tammen & Bergendorf, 1012 Baltimore, Kansas City, Missouri and lives at 210 West 70th Terrace, Kansas City 5, Missouri.

JAMES, WALLACE, '25, is manager of the Harrison plant of the Radio Corp. of America and the family home is at 56 Francisco Avenue, West Caldwell, New Jersey.

JOHNSON, O. K., '26, is with the Johnson-

Canfield Construction Co. in Topeka, Kansas and lives at 1617 Grove Street, Topeka.

KENTNER, CARROL D., '28, has a new home address at 606 W Maple Avenue, Merchantville, New Jersey.

RUSH, ELMER H., '29, writes that he is plenty busy building automatic diesel engine pipe line pumping stations with electric control.

WOOD, WAYNE, '30, LT. COL., USA, rejoined the army after working in Oklahoma City for 18 months. He is stationed in the research laboratory of the Aberdeen Proving Ground in Maryland.

KITE, MAURICE B., '32, is building a bridge at Morrilton, Arkansas. He is superintendent of construction for the Massman Construction Co.

WOOD, CLAIR L., '32, Col. U.S.A. Air Corps, and wife are now living in Norfolk, Virginia, where Clair is with the Student Detachment of the Armed Forces Staff College.

CLUTZ, CHARLES W., '33, reports the birth of a son, William Hollinger, on May 18, 1947. The family home is 555 Sagamore Drive, Rochester, New York.

HETER, MARVIN W., '34, should be addressed at 2555 East St., Davenport Iowa.

HARDEMAN, EDWARD LEE, '35, is Vice President of the Missouri Valley Steel, Inc., Leavenworth, Kansas.

HETER, EDWARD D., '37, has a new address at 18 Griffin Road, Peabody, Massachusetts.

BEARD, CHARLES ARTHUR, '39, is with the McDonnell Aircraft Corp. in St. Louis and lives at 25 Spring Drive, Florissant, Missouri.

LARSON, GEORGE HERBERT, '39, is an associate professor in agricultural engineering at Kansas State College, Manhattan, Kansas.

ROGERS, RAYMOND M., '39, lives at 505 Vidal Drive, San Francisco 12, California, where he is employed as sanitary design engineer and construction supervisor for Clyde C. Kennedy, Consulting Engineer. He reports

- that Charles Jeffrey was born May 23, 1947.
- MAY, VERNON A., '40, reports a new address at 1020 Kentucky Street, Sedalia, Missouri.
- SHEARS, WILLIAM, '40, has a new home at 227 East 13th, Hutchinson, Kansas.
- WADD, JOHN B., '41, is engineer for the Humble Oil & Refining Co., Orlando, Florida.
- CALLAHAN, CLARENCE ANDREW, '41, Lt. Comdr. USNR, CEC, gives his mailing address as 901 Jewell Street, Topeka, Kansas.
- BENTLEY, E. L., '44, Lt. USA, graduated from West Point after leaving Kansas and gives his address as General Delivery, Randolph Field, Texas.
- MAY, RALPH W., Jr., '44, has moved to 59C Elizabeth Road, Hampton, Virginia.
- SHAAD, DAVID E., '44, can now be addressed at P. O. Box 1663, Los Alamos, New Mexico.
- WILLIAMS, JOHN F., '44, is with United Contractors & Builders, Troy, New York.
- PFOUTE, JOHN O., '45, has a new address at 402 Swarthmore Avenue, Ridley Park, Pennsylvania. He is with Westinghouse.
- WHYTE, DAVID PRITCHARD, '45, is with the Burke Engineering Co. 1527 Broadway, Kansas City, Missouri and lives at 12 East Concord, Kansas City 2.
- NELSON, RICHARD, '46, is a junior mechanical engineer with the Shell oil Co., Kilgore, Texas.
- BROTHERS, ROBERT, '47, is working in the Refining Department, Phillips Petroleum Co., Bartlesville, Oklahoma.
- KUNKLE, ROBERT, '47, is employed by Detroit Edison at their Delray Power Plant in Detroit, Michigan but that is all the address we have.
- NELSON, H. LEE, '47, lives at 930 E. 3rd St., Apt. 10, Long Beach 12, California.
- SHRAKE, CHARLES D., '47, and Miss Irma G. Johnson were married June 29, 1947.
- WAUGH, JAMES DIXON, '48, announces the birth of James Dixon II on October 26, 1947. He graduated in engineering in February and is continuing in Law School at Kansas. Home is at 1941 Kentucky Street, Lawrence, Kansas.

## ETA

- JACK, JAMES ROBERTSON, Honorary, Professor Emeritus of M.I.T., is now living at 24 Millside Road, Watertown, Massachusetts.
- BAIRD, LYMAN STANTON, '13, ex Alpha, is president of the Dampier-Baird Inc. 288 W. Kellogg Blvd., St. Paul, Minnesota and lives at 1935 Summit Avenue, St. Paul.
- BARRY, EDWARD, '16, is with Stone & Webster in Boston. His home address is 57 Craftsland Road, Chestnut Hill, Massachusetts.
- STRIKLING, S. R., '17, Col. U.S.A. ordnance officer in the Air Material Command, is now stationed at Wright Field Dayton, Ohio.
- HARVEY, DANIEL, '21, has left his position as executive vice president of the Door Co. and is now vice president and member of the board of the Paul Valve Corporation in New York. He is also a member of the board of the Ice-Flo Corporation.
- ROGERS, ROBERT W., '26, is chief engineer with Scott Testers Inc., Providence, Rhode Island.
- ACKERMAN, GILBERT L., '28, with American Mail Line, has offices at 740 Stuart Bldg. Seattle, Washington.
- CHATFIELD, GEORGE L., '28, lives at 49 Eton Road, Larchmont, New York. He was recently made vice president of Kenyon & Eckhardt Inc., of New York City, 247 Park Avenue.
- NICHOLS, ARTHUR A., '28, is a member of the W. H. Nichols Co., Waltham, Massachusetts.
- PATRICK, GERALD V., '28, has a new home address on R.F.D. 3, Chagrin Falls, Detroit, Mich.

## THETA

- ABOUCHEK, SLEYMAN S., '17, after thirty years of silence, wrote the Grand Scribe that he was general inspector for the Public Works Ministry, Damascus, Syria. He wants mail sent to Doumar Bldg., Parliament Street, Damascus.
- POTTER, HORATIO, '21, manager for Mary Potter Love Inc., 8024 Forsyth, St. Louis, Missouri, lives at 9746 Litzsinger Road, Webster Groves, Missouri.
- DEVLIN, FRANK WESLEY, '25, is project planning officer, Civil Aeronautics Administration, Dept. of Commerce, Washington, D. C. and lives at 3218 Gunstan Road, Alexandria, Va.
- SOUTH, DUDLEY P., ex '25, has a new address at 1830 Southmore Bldg, Houston, Texas.
- SHERMAN, HENRY A., '27, is manager of the Kenwood Oil Co. Tulsa, Oklahoma.
- KNOX, JOHN JAMES, '29, is development engineers for the Metals Disintegrating Co., Elizabeth, New Jersey, and lives at 33-18

- 212th Street, Bayside, Long Island, New York.
- JONES, T. EMBURY, '30, represented Columbia at the inauguration of Walter Groves as president of Centre College in Kentucky.
- MATZKE, ARTHUR EDWARD, '30, is engineer for the Gruman Aircraft Engineer Corp., Bethpage, Long Island, New York and lives at 68 East Fulton Avenue, Roosevelt, New York.
- PITKIN, RICHARD G., '30, has a new address at 20 West 68th Street, New York 23, New York.
- WELLS, JOSEPH VAN BRUNT, '30, is water resources district engineer, U. S. Geological Survey, Washington 25, D. C. and lives at 801 E Hillwood Avenue, Falls Church, Virginia.
- BRADLEY, STEPHEN ROWE, '31, is treasurer of Anchorage Homes Inc., Westfield, Mass. and lives at 128 Colony Road, Longmeadow, Massachusetts.
- DUNLAP, GORDON E., '32, is development engineer in the metallurgical department of the American Brake Shoe Co., Mahwah, New Jersey.
- FRENCH, JOHN L., '32, is associate hydraulic engineer with the U. S. Bureau of Standards, Hydraulics Building, Washington, D. C. Brother French lives at 4528 Windsor Lane, Bethesda, Maryland.
- SINACORI, MARIANO NICHOLAS, '35, is engineer for the state department of Public Works in Albany, New York and lives at 890 Mercer Street, Albany.
- GOULD, IRVINE, P., '36, gets his mail at 511 West 232nd, New York 63, New York.
- UNDERHILL, EDWARD GRIFFIN, '37, Lt. U.S.N. gives his address as Apt. 7B, 118-18 Riverside Drive West, New York 32, New York.
- BENDLER, ALBERT JOHN, '38, consulting engineer with offices at 233 Broadway, New York City, lives at 200 Hart Blvd., Staten Island, New York.
- CHUDORA, ALBERT LAWRENCE, '38, is engineer for the C-O-Two Fire Equipment Co., U. S. Highway 1, Newark, New Jersey and lives at 60-57 Linden Street, Brooklyn 27, New York.
- FISK, NELSON S., '38, is an instructor in the department of civil engineering at Columbia University and lives at 24 Metropolitan Oval, New York 62, New York.
- WHITE, DONALD W., '39, has a new address at 137-78 75th Road, Flushing, New York.
- CAYMBLE, JOHN F., '40, saved a teenage boy from drowning in a swimming area at Salem, New Jersey.
- GALVIN, RALPH BROE, '40, is with the Bumstead-Woolford Co., 1411 Fourth Avenue, Bldg., Seattle and lives at 2348 West 99th Street, Seattle 7, Washington.
- LYON, LOUIS, '40, picks up his Gears at 129 Farmer, Buffalo 7, New York.
- BEJARANO, CARLOS ANTONIO, '41, with Westinghouse Electric Corp. in New York City, lives at 87 Grove Street, Lynbrook, New York.
- DORSA, CHARLES S., '41, and Miss Dorothy E. Wilson were married on December 21, 1947. He is with General Electric Co., 1 River Road, Schenectady, New York.
- TAYLOR, ROBERT M., '41, is supervisor of metallurgical testing, United Aircraft Corp., East Hartford, Connecticut.
- ESHELIONIS, FELIX M., '42, is a construction engineer for Simonds Saw & Steel Co., Fitchburg, Massachusetts.
- VAN METRE, RUSSEL G., '42, is in the process developing section of Proctor & Gamble Ivorydale, Ohio and home is at 1865 Losantville, Cincinnati, Ohio.
- BARTELS, JOHN P., '43, is turbine test engineer at the Phileo plant of the Ohio Power Co.
- HIGGINBOTHAM, SAMUEL LOGAN, '43, and Fair Steinschneider of Rochville Centre, New York were married on August 30, 1947.
- LAXAR, FRANCIS H., '43, instructor at West Virginia Tech, lives at 309 Fayette Pike, Montgomery, West Virginia.
- LEON, ALEXANDER SAENZ, '43, has a new mailing address of 322 Palisade Avenue, Yonkers, New York.
- SCHUBERT, ROBERT W., '43, is on the scientific staff of the Division of Government-Aided Research, Columbia University, New York City.
- UHRICH, WILLIAM J., '44, is assistant chief engineer, Wilcox Electric Co., Kansas City, Missouri, 1400 Chestnut Street.
- TURNER, GILBERT M., '45, is a graduate student at the University of Washington in Seattle.
- BUEGLER, ROBERT J., '46, Ensign USN, can be reached c/o USS Everett F. Larson (DD830) Fleet P. O., New York City.
- CHESNESS, ALBERT A., '46, is manufacturing engineer with Westinghouse Electric Corp., generator division, East Pittsburgh, Pennsylvania.
- ENGELBERGER, JOSEPH F., '46, is an electronic engineer with Manning, Maxwell & Moore, Bridgeport, Connecticut.
- HESS, WILMOT N., '46, is an instructor in physics at Mohawk College, Utica, New York.
- BUYS, DOUGLAS C., '47, has a new address at 2 Fox Terrace, Poughkeepsie, New York.
- SHAKKE, ALBERT A., '47, is a junior engineer with the Air Reduction Sales Co., Murray Hill, New Jersey.

## IOTA

TURNER, WILLIAM DeGARNO, Honorary, has offices as a consulting chemical engineer, 235 East 47th Street, New York City. Home is at 88 Morningside Drive, New York 27, N. Y.

DOWD, JAMES JOSEPH, '16, is doing research work on Fuels & Explosives, U. S. Bureau of Mines, Forbes Street, Pittsburgh, Pennsylvania and lives at 102 Glenburn Drive R. D. 11, Pittsburgh.

WENDELL, EVERETT JOHN, '23, is County Superintendent of Highways, Peoria County, Court House, Peoria 2, Illinois. His residence address is 18 Oak Park Drive, Peoria.

CAMPBELL, JACK PERCY, '24, Lt. Col. USA, can be addressed c/o U. S. Engineers, P. O. Box 1716, Baltimore 3, Maryland. Home is at 4417 Kathland Avenue, Baltimore.

SCOTT, GUY ROBERT, '24, is associate engineer for Black & Veatch, 4706 Broadway, Kansas City, Missouri. Home is at 215 West 68th St., Kansas City, Mo.

FOSTER, J. N., '25, is production manager for the McCabe-Powers Auto Body Co., 5900 N Broadway, St. Louis, Missouri.

SHORT, W. IRWIN, '26, is Associate Professor at the University of Pittsburgh and lives at 2329 McNary Blvd., Pittsburgh, Pennsylvania.

WHITE, RONALD M., '26, is assistant city engineer, department of Public Works, Kansas City, Missouri and home is at 5604 Holmes Street, Kansas City.

COUCH, ROBERT WILLIAM, '28, is an engineer for the Mo. State Highway Department and lives at 304 Hamlin Street, Jefferson City, Missouri.

BARTON, JASON E., '30, is a structural engineer with the U. S. Bureau of Reclamation, and lives at 808A Hopper Street, Antioch, California.

BRICKNER, HUGO JOHN, '30, owns the Builders Concrete Co., 1st & Hayes Street. Home is at 627 North 5th, Clinton, Oklahoma.

JARBOE, JOSEPH RALPH, '30, is president of the Jarboe Commission Co., 7300 Sand Springs Road, Tulsa, Oklahoma. His home address is 1104 East 21st Place, Tulsa.

NEAL, KENNETH R., '30, is an oil operator in Gainesville, Texas.

FEWER, JOSEPH F., '31, is chief, operation, and maintenance, U. S. Corps. of Engineers, District Office, Savannah, Georgia, and lives at 28 West 51st Street, Savannah.

McRAE, AUSTIN LEE, Jr., '31, is engineer for the O. B. Roberts Co., Contractors, 4419 Whittier, Los Angeles, California, and lives at 4338 Commonwealth, La Canada, Calif.

GROSS, BERNARD J., '33, is vice president and manager of The Key Co., P. O. Box 494,

East St. Louis, Illinois and lives at 7164 Washington, University City, Missouri.

HANDLY, MARCELLUS GREER, '33, is district manager of the Gardner-Denver Co., 716 North 9th, Birmingham, Alabama and lives at 710 Forest Drive, Homewood, Alabama.

DUTTON, DONNELL W., '35, has his residence at 483 E Wesley Road, N. E., Atlanta, Georgia.

KNOLL, RUDOLPH J., '35, is connected with the Granite City Steel Co., Granite City, Illinois, holding the position of supervisor in the mechanical department. His address is 3623 Fillmore St., St. Louis 16, Missouri.

BUSCH, WILLIAM CONRAD, '37, is engineer for the Central Illinois Electric & Gas Co., 303 N Main Street, Rockford, Illinois, and lives at 1921 N Church Street, Rockford.

CORNETT, ROY C., '38, Lt. Col., USA, and Miss Mary Agnes Overstreet were married on August 23, 1947, in Roanoke, Virginia. Col. Cornett is taking graduate work at Ohio State and the couple live at 1691 Bryden Road, Columbus, Ohio.

ELLIS, J. CRAIG, '38, moved from Minneapolis to 1523 W. 103rd St., Chicago 43, Illinois.

LeGRAND, JESSEE S., '38, now lives at 348 Innes Road, Woodbridge, New Jersey.

MUELLER, FRED M., '38, is an electrical engineer with Stone & Webster Engineering Corp. and can be addressed at 600 Second Avenue, San Francisco, California.

PHILLIPS, ALBERT A., '38, is employed by the Oklahoma Natural Gas Co. and lives at 1425 N. Columbia, Tulsa, Oklahoma.

RHODES, A. E., '39, announces the birth of Jimmie in October 1947. Brother Rhodes is with General Electric Co. and lives at 305 Geo. Washington Way, Richland, Washington.

LAMBELET, LAWRENCE E., '40, is with the U. S. Geological Survey in Rolla, Missouri. Brother Lambelet lives at 1001 Lynnwood Drive, Rolla.

SMOTHERS, WILLIAM JOSEPH, '40, is consulting ceramic engineer for Bowes-Seal Fast Corp., 228 N Pine Street, Indianapolis, Indiana and wants mail sent to 1802 Thompson, Lafayette, Indiana.

TUCKER, ARMIN JOHN, '40, is a pilot for American Overseas Airlines, Laguardia Field, New York and his mailing address is 29 Moore Street, Mt. Kisco, New York.

BOYD, ROBERT KELSO, '41, with the Guy F. Atkinson Co. of Long Beach, California, lives at 5924 Pementa Avenue, Bellflower, California.

FIELDS, R. E., '41, wants his mail sent to box 638, Atlantic Refining Co., Denver City, Texas.

JAFFEE, NATHAN D., '41, Lt. Col. has been

- discharged from the army after serving since May, 1941, and can be addressed at 1492 East 16th Street, Brooklyn 30, New York.
- CUTLER, ROBERT ROSCOE, Jr., '42, is sales engineer for the American Bitumuls Co., 1263 Big Bend, St. Louis, Missouri and lives at 212 MacArthur, Washington, Missouri. He was awarded the DSC during the last war.
- DOERRES, JOHN HERMAN, Jr., '43, is engineer for Horner & Shifrin, Consulting engineers, 803 Shell Bldg., St. Louis, Missouri. Home is at 3920 Fillmore Street, St. Louis 16.
- McMATH, ROBERT, '43, is industrial engineer with the Union Electric Light & Power Co. and can be addressed at 959 Sanders Drive, St. Louis County 19, Missouri.
- DICK, CHARLES A., '44, announced the birth of James Alfred on August 28, 1947. Al graduated as a metallurgist and received his MBA at Harvard in 1947. He is now with the Rexair Division of Martin-Perry Corp., and can be reached at 1860 York Avenue, Memphis, Tennessee.
- STALLY, GLENN S., '44, lives at 124 South 7th, Lafayette, Indiana.
- WYGANT, KENNETH NORMAN, '44, is engineer long lines department, A.T.&T. Co., 100 William Street, New York City, and lives at 253-06 85th Road, Bellrose 6, Long Island, New York.
- SPARLIN, BERNARD J., '45, is student engineer with Westinghouse Electric Corp., in East Pittsburgh, Pennsylvania and lives at 503 Greendale Avenue, Pittsburgh 18.
- COLLIER, J. W., '47, asks that mail be sent to him at General Delivery, DeSoto, Missouri.
- BISHOP, WILLIAM W., '48, can be addressed at 727 Matsan Drive, Webster Groove 19, Missouri.
- HACKMANN, R. E., '48, is also with Union Electric Co. in St. Louis.
- NIEWOEHNER, ROBERT J., '48, is working for Western Cartridge Co., East Alton, Illinois. His home address is 7309 Goff Avenue, St. Louis 17, Missouri.
- KUWKE, RALPH W., '48, is with the Standolind Oil & Gas Co., Wichita, Kansas.
- TAPPELSON, ARTHUR, '48, is working for the Union Electric Co., 315 North 12th Street, St. Louis, Missouri.

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## KAPPA

- BOWERSOCK, WILLIAM, '19, long on our lost list, is in the Industrial Department, of the General Electric Co., 840 Canal Street, Chicago 80, Illinois. Home is at 123 North Washington, Hinsdale, Illinois.
- LANDON, RALPH H., '28, announces the birth of a son on December 17, 1947. He is with the A.T.&T. Co. with offices in the Hurt Bldg., and lives on N. E. Hardendorf Avenue, Atlanta, Georgia.

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## LAMBDA

- ENSIGN, JOHN DALE, '25, is with Columbia Aircraft Industries, 512 S.E. Mill Street, Portland 14, Oregon, and gets mail at Box 252, Route 1, Oswego, Oregon.
- SCOTT, WILLIAM BLAIR, '30, is division engineer for the Utah Power & Light Co. and lives at 966 Princeton, Salt Lake City, Utah.
- BARKER, EDGAR MORGAN, '31, and Miss Phyllis Kiesel of Berkley, California, were married in St. Clement's Episcopal Church on February 21, 1948. They will be at home on St. Charles St. in San Andreas, California. He is plant superintendent of the Calaveras Cement Co. in San Andreas.
- VAN LIEW, R. E., '33, gives his address as Comdr. R. E. Van Liew (CEC) USN, Naval Operating Base—Navy 117, c/o FPO, New York, New York.
- BULKLEY, WILLIAM L., '36, is located at 304 Beldon Place, Munster, Indiana.
- HARMS, HERMAN, Jr., '36, picks up his mail at P. O. Box 2257, Salt Lake City 13, Utah.
- McNEILLY, WAYNE EMMIT, '38, is with the Boulder Canyon Project, Department of the Interior, and lives at 544 Elm Street, Boulder City, Nevada.
- WILSON, THOMAS LAMONT, '40, is engineer for The Gridler Corporation, Louisville 1, Kentucky.
- FLAMM, HENRY FOLLAND, '42, is a test engineer for the General Electric Co., One River Road, Schenectady, New York and lives at 222 Glen Avenue, Scotia, New York.
- OVERFELT, IRA EUGENE, '43, is in research laboratory, California Institute of Technology, in Pasadena, and lives at 259 West Bridge, Pasadena.
- VARLEY, CHARLES RAYMOND, '43, and Marilyn Ream were married on August 19, 1947, in Salt Lake City.
- LINFORD, PRESTON DEE, '44, instructor in the engineering college, University of Utah, has his home address at 2843 Eccles Avenue, Ogden, Utah.
- MOULTON, HARRY D., Jr., '44, gives his mailing address as P. O. Box 298, Park City, Utah.
- PAULSEN, FINN BERGSTEDT, '46, is superin-

- tendent for Christiansen Brothers, Box 1736, Salt Lake City, and home is in Apt. 21, 268 North Street, Salt Lake City, Utah.
- BARTON, STERLING C., '47, sent in the following address: 87 Brent, Colonie, Albany 5, New York.
- BELL, MARSHALL H., '47, asks that his Gears be sent to 2802 Idlewood Avenue, Youngstown, Ohio.

BIRK, JACK N., '47, wants his Gears sent to P. O. Box 132, Columbia, Utah.

GARBE, HALBERT F., '47, wants his mail sent to 162 Dalton Avenue, Pittsfield, Massachusetts.

MARAGALIS, JOHN, '47, is now living at 166 Kelsey Avenue, Salt Lake City 4, Utah.

## MU

PALLISTER, HUGH D., Honorary, and Miss Clara Maybelle Stinch were married on November 1, 1947. Mrs. Pallister was an instructor at the University of Georgia prior to her marriage. Brother Pallister is senior geologist with the Geological Survey of Alabama in Tuscaloosa.

BOOTH, CHARLES F., '21, has left Oak Ridge, Tennessee and can now be addressed at 406 East Drive, Oakwood, Dayton, Ohio.

VAN DE GRAFF, ROBERT J., '22, was awarded the 24th Duddell Medal of the Physical Society in London for the invention and development of his high-voltage electrostatic generator.

RUH, ERNEST LAVERNE, '25, is chemical engineer for the Standard Oil Development Co., Bayonne, New Jersey and has a new house at 135 Pinchney Road, Red Bank, New Jersey.

LANDEL, ALDEN WILLIAM, '30, is engineer for the Connors Steel Co., P. O. Drawer 952, Birmingham, Alabama, and lives at 104 Hollywood Blvd., Birmingham.

KAEFFER, CHARLES DOUGLASS, '33, can be reached at his home on First Street, Midland Park, New Jersey.

PAKSLAW, WILLIAM G., '35, has been transferred from Holston, Virginia to the National Gypsum Plant at National City, Michigan where he is plant engineer. He lives in East Tawas, Michigan.

DANIEL, KENNETH R., '36, engineer for the American Cast Iron Pipe Co. wants mail sent to his business address, P. O. Box 2603, Birmingham 2, Alabama. Home is at 128 Hawthorne Road, Birmingham 9.

HARRIS, A. B., Jr., '36, can be addressed in care of Harris Co., 1809 Second Avenue, South, Birmingham 3, Alabama.

LANKENAU, HENRY G., '36, has a new address at 27 Rosedale Avenue, Clifton, New Jersey.

LIGHT, JOHN H., '38, gives his mailing address as 826 New York Avenue, Martinsburg, West Virginia.

MORGAN, PATRICK NICHOLAS, Jr., '39, is with the Morgan Fuel & Supply Co. Lacka-

wanna, New York and gets his mail at 205 Ingham Avenue, Lackawanna 18.

TEAGUE, BEAL M., '40, has a new address at 301-C Holly Drive, Baltimore 20, Maryland.

GREEN, JOHN HERMAN, Jr., '41, formerly at Post Arthur, Texas, can now be addressed at 79 Mountfort Street, Boston 15, Massachusetts.

MOONEY, JOHN J., Jr., '41, should be addressed in care of the Terry Steam Turbine Co. Engineering Dept., Hartford, Connecticut.

COBB, JOSEPH L., '42, gets his mail at 100 Garland Road, Toccoa, Georgia.

HAMIL, JOHN C., '42, has a new home address at 327 Woodbury Road, Route 7, Jackson, Mississippi.

HEATON, ROY GORDON, '42, is research engineer in the Laboratory for Electronics, 11 Leon Street, Boston, Massachusetts and lives at 8 Prescott Street, Cambridge, Mass. He received his M.S. at Harvard in 1947.

McKINNON, JULIAN T., '42, is a process supervisor for Proctor & Gamble, Ivorydale, Ohio. Home is at 1405 Springfield Pike, Cincinnati 15, Ohio.

DWYER, JAMES J., '43, has a change in home address to 428 North 8th Street, Cambridge, Ohio. He is employed by Ekco there.

GRAY, HERBERT H., '43, is taking the graduate course with Westinghouse in East Pittsburgh, Pennsylvania.

SNIPES, JAMES EDWARD, '43, and Miss Jacquelyn Yvonne Jackson of Jasper, Alabama, were married on November 29, 1947. They will live in Montgomery, Alabama.

KACHIKAS, GEORGE A., '44, can be addressed at 11 Doyer Avenue, White Plains, New York.

McFARLAND, FRED S., '44, is employed by the Alabama Power Co., Gadsden, Alabama.

KIZZIRE, JAMES E., '46, wants his Gears sent to 1340 Second Street, Gulfport, Mississippi.

OWEN, CHARLES ROBERT, '47, is an engineer for Proctor & Gamble Inc., Ivorydale, Ohio, and wants mail sent to 4668 N Edgewood, Cincinnati 32, Ohio.



## NU

- NATION, ROBERT B., '22 has offices in Room 920, Shoreham Bldg., Washington, D. C.
- JEFFERS, C. W., Jr., '23 may be addressed c/o American Embassy, London, England.
- BITTNER, SAMUEL E., Jr., '24, construction superintendent, can be addressed c/o Alcoa Steamship Co., Box 609, Port of Spain, Trinidad, B.W.I. He expects to be there for some time.
- DAVIS, KARL T., '24, changed his home address to 8316 Germantown, Philadelphia 18, Pa.
- BRASTOW, THOMAS, '27, is technical superintendent for American Viscose Co., Front Royal, Virginia.
- CALLEN, DONALD H., '28, cost engineer, wants mail sent to Box 2076, Baltimore 3, Maryland.
- SCHMIDT, ROBERT A., '30, lives at 1918 Echo Street, Lafayette, Indiana.
- HOLMES, ROBERT OLIVER, '32, wants his mail sent to 10116 Capistrano Street, South Gate, California.
- MORRIS, JACK EDGAR, '32, research engineer, Jones & Laughlin Steel Co. Benson Mines, New York, gets mail at P. O. Box 118, Starlake, New York.
- BURNS, WILLIAM J., '33, may be addressed at Hotel Saltville, Saltville, Virginia.
- KRIDER, HARRY READ, '33, Western New York Manager for the Mall Tool Co., 7736 South Chicago Avenue, Chicago 19, Illinois, gives his mailing address as 40 Brantwood Road, Buffalo 21, New York.
- WARRICK, EARL L., '33, is employed as Senior Fellow at Mellon Institute in Pittsburgh. His address is 4403 Center Avenue, Pittsburgh 13, Pennsylvania.
- UFFELMAN, WILFRED R., '33, lives at 3393 Seaton Road, Cleveland 18, Ohio.
- ASHBAUGH, DONALD L., '34, wants mail sent to 1701 West 4th Place, Gary, Indiana.
- DORRELL, RUSSELL E., '34, is employed at the Naval Research Laboratory in Washington, D. C. He wrote that if any Theta Tau brothers are interested that the Naval Research Laboratory Employment Office would be very much interested in hearing from them.
- ROBERTS, ROBERT B., '35, is now with Westinghouse in East Pittsburgh and lives at 212 Maple Avenue, Pittsburgh 18, Pennsylvania.
- CREDE, CHARLES E., '35, who is chief engineer for Barry Corporation in Cambridge, lives at 14 Brookside Avenue, Winchester, Massachusetts.
- APPLEGATE, W. F., '36, is back in the engineering department of the Hercules Powder Co. in Wilmington, Delaware.
- LATHAM, JOHN CHALMERS, '36, is field engineer for Leeds & Northrup Co. Inc., 60 E 42nd Street, New York City. He gets his mail at 273 Murray Avenue, Larchmont, New York.
- BARTO, JOHN WEBB, '37, engineer in the industrial department of the Westinghouse Electric International Co., 4014 First Avenue, Brooklyn, New York. Home is at 9115 Ridge Blvd., Brooklyn.
- SHAFFER, WILLIAM, '37, Captain U.S.A., who reenlisted in the army, is with the army of occupation in Germany and with his family is living at the Rose Hotel in Wiesbaden. Mail should be sent c/o Eng. Section Hdqts. USA, F. E., APO 633, New York City.
- TUTHILL, ARTHUR F., '38, assistant professor of Mechanical Engineering at the University of Vermont, Burlington, Vermont, lives at 78 E. Fort Ethan Allen, Winooski, Vermont.
- BIGELMAN, JOEL, '40, gives his address as Mauralla 455, Habana, Cuba.
- LIVERMIDGE, DAVID Y., '40, wants mail sent to Route 5, Carlisle, Pennsylvania.
- STULEN, FRANK LEM, '42, is research engineer for Parsons Industries Inc. in Traverse City, Michigan. They reside at 701 6th Street, Traverse City.
- NEAS, ROBERT E., '43, received his M. S. at C.I.T. in 1947, and is now with McDonnell Aircraft Corp. in the research department.
- WHITE, EUGENE CHARLES, '43, is in the electrical department of the General Electric Co. and lives at 302 Mohawk Avenue, Scotia, New York.
- BELLAN, THEODORE M., '44, is with McDonnell Aircraft Corp. at Lambert Field, St. Louis, Missouri and lives at 9237 Argyle Avenue, Overland, St. Louis.
- OBRRINGER, EARL WILLIAM, '44, is with the Lincoln Electric Co. in Cleveland, Ohio and lives at 1075 Case Avenue, Mentor Village, Ohio.
- STEPHENSON, JOHN C., '47, is enrolled in the college of Fine Arts at Carnegie Institute of Technology.
- ZANGER, MARTIN H., '47, and Miss Marilyn Kutz of Chicago were married on June 19, 1947.

## XI

- THAYER, F. W., '26, lives at 1242 Paris Street, Rockford, Illinois.
- BENTLEY, CURTIS KEITH, '48, is taking a training course with the Gardner-Denver Co. in Quincy, Illinois, but mail should be sent to his old home 1756 Vine Street, Denver, Colorado.



## OMICRON

- WEIK, KENNETH, '24, has resigned his position with the C. M. St. P. and P. R. R. and is now employed as chief engineer for the W-M Corporation in Chicago. This firm does engineering and contracting on fuel and water stations, sand handling equipment, and buildings. His home address is 945 Rosemary Terrace, Deerfield, Illinois.
- STANLEY, MAX, '26, became President-elect of the Iowa Engineering Society at the annual meeting in Des Moines in February 1948.
- CLASSEN, RALPH L., '31, now holds the position of General Superintendent of the Hiram Walker and Sons Distillery in Peoria, Illinois. Ralph claims to be mainly interested in certain bacteria which work for the company in the fermentation tanks.
- RANTZOW, C. E., '31, has returned from over

four years in Hawaii and is in charge of Real Estate for U. S. Engineers, Dallas, Texas.

- PETERSON, HAROLD A., '32, has been appointed head of the Electrical Engineering Department at the University of Wisconsin.
- SMITH, KENNETH, '32, is with the U. S. Engineers in Galveston, Texas.
- SAYRE, S. REX, '37, was at Iowa interviewing seniors this spring for the Iowa-Illinois Gas and Electric Co. of Rock Island.
- STAMOS, EARL A., ex. '38, is selling welded steel buildings in Davenport, Iowa.
- WEREMY, ALEXANDER, '41, has a new address. It's 400 Westwood Street, Mobile, Alabama.
- LANGENDOEN, JOHN MILTON, '48, sent in his address as 29 West 4th, Apt. 2E, Bethlehem, Pennsylvania.

## PI

- HIBBERT, MALCOLM, '25, has offices as a consulting engineer at 3752 Garnet Street, Houston, Texas.
- DAVIS, W. L., '35, is a civil engineer with the Batson-Cook Co., General Contractors, West Point, Georgia.
- BALL, PHILIP STUART, '40, and Miss Madeline MacMillan of Chicago, Illinois, were married on November 25, 1947. He gives his address as Ordnance Research No. 2, University of Chicago, Chicago.
- BOSWELL, EDMUND N., '40, is assistant welding supervisor of the Alco Plants of Ameri-

can Locomotive Co. in Schenectady, New York.

- GREEN, WILLIAM ANDREW, JR., '41 is with the Hoff Co., 914 Capitol Street, Richmond, Virginia, and lives at 3019 Chamberlayne Avenue, Richmond.
- MAY, JAMES, '43, announced the birth of a daughter, Sheridan Lee, on September 16, 1947.
- FINNEGAN, PAUL, '45, is employed by Eastern Airlines at the National Airport in Washington, D. C.

## RHO

- BARBER, B. P., '24, can be addressed at 2410 Trenholm Road, Columbia, 39, South Carolina.
- SMITH, PERRY MAURICE, '28, is superintendent of Nylon Spinning for the E. I. DuPont de Nemours Co. in Wilmington, Delaware. He lives in Seaford, Delaware.
- TURNER, FRANK B., '28, wants mail sent to Box 5165, Five Points Station, Raleigh, North Carolina.
- FREEMAN, ARCHIE B., '30, Major USA, has offices at 1407 Appraisers Bldg., 630 Sansome Street, San Francisco, California, and lives at 2639 Corte de Flores, San Mateo, Calif.
- EDWARDS, FRAIZER McLEAN, '32, is lubricating engineer for The Texas Co. in Raleigh, North Carolina and lives at 209 E. Peace Street, Raleigh.
- HODGES, T. L., '32, wants mail sent to P. O. Box 1108, Baton Rouge, Louisiana.
- PETROFF, BORIS B., '33, moved from Klinge-

le to 2716 29th Street S. E., Apt. A 192, Washington 20, D. C.

- PLEASANTS, JOSEPH L., JR., '33, after five years with the Signal Corps, U. S. A., is now with Allison-Erwin Co. in Charlotte, North Carolina. Home is at 2512 Belvedere, Charlotte.
- TULLUCK, WILLIAM E., '33, is vice president of the Wannamaker Wells Inc., Orangeburg, South Carolina.
- ROGERS, CHARLES N., '35, sent in his address as P. O. Box 643, 1722 Home Avenue, Hartsville, South Carolina.
- BLACKWOOD, ROBERT S., '38, is at 588 Preble Street, South Portland, Maine.
- CHACE, KENNETH VICTOR, '39, is assistant director of research of the Hathaway Mfg. Co., New Bedford, Massachusetts.
- ANDREWS, J. W., '41, can be addressed at 209 N. 19th Street, Wilmington, North Carolina.
- CORBIN, WILLIAM L., '42, should be addressed

- at 610 W. Broad Street, Dunn, North Carolina.
- HETHERINGTON, IRVINE J., '43, announces the birth of a son, Thomas Michael, on November 18, 1947. The family home is at 8 Fleetwing Drive, Britol, Pennsylvania.
- STOCKHARD, HENRY JEROME, JR., '43, lives at 12½ S. Boylan Avenue, Raleigh, North Carolina.
- TEISER, STANLEY ARTHUR, '44, chemical engineer with E. I. DuPont de Nemours Co., Carney's Point, New Jersey, now lives at 34 Franklin Street, Lenn's Grove, New Jersey.
- ADKINS, JAMES EVERETT, '46, is a mechanical engineer for the Western Electric Co., Inc., in Winston-Salem, North Carolina. Home is at 415 N. Spruce Street.
- GATLIN, L. W., '46, is at 1707 South Blvd., Charlotte, North Carolina.
- MAHONEY, EDWARD J., '46, is at 61-45 Gates Avenue, Brooklyn, New York.
- SPRUILL, ARTHUR CLIFFORD, JR., '47, and Miss Mary Billie Bryan were married on December 27, 1947. He is connected with the Atlantic Coast Line Railway, in Waycross, Georgia.

## TAU

- GARNHART, GORDON EARL, '27, is with the Westinghouse Electric Corp., 1607 Union Bank Bldg., Pittsburgh, Pennsylvania and wants mail sent to P.O. Box 1017, Pittsburgh 30.
- MACALPINE, DAVID MUIR, '29, is now professor of civil engineering at Oklahoma A & M College, Stillwater, Oklahoma.
- CHAMBERLAIN, WILLIAM E., '37 is working at the Otis Elevator Co. in Buffalo and lives at 346 Huxley Drive, Synder 21, New York.
- FLORING, CHARLES WALDON, '37, is an electrical designer for the Central New York Power Co., 300 Erie Blvd., Syracuse, New York. Home is at 204 Newfield Road, Dewitt, New York.
- WIGGINS, RONALD LUTHER, '38, is professor of industrial engineering, North Carolina State College, Raleigh.
- ROEHM, FRANK JOSEPH, '40, is with the American Machine & Foundry Co., 5502 Second Avenue, Brooklyn 20, New York and lives at 68 Montclair Avenue, Newark 4, New Jersey.
- FOSTER, ROBERT H., '43, announces the birth of a son, Wayne Robert, on June 13, 1947. The family home is at 174 Tulane Road, Kenmore, New York.
- BAUER, DAVID J., '48, gives his mailing address as 330 Kirisch Drive, Syracuse 8, New York.

## UPSILON

- LEWIS, THOMAS B., '35, is doing electrical design for the U. S. Corps of Engineers, Little Rock, Arkansas.
- SCHMAND, DELBERT A., '37, writes electrical specifications for the U. S. Corps of Engineers in Little Rock, Arkansas.
- LANE, RILEY BURTON, JR., '38, Lt. USN Bureau of Ordnance, U.S. Navy, Washington 25, D.C., lives at 4322 Livingston Road, Washington.
- MAPES, WILLIAM HENRY, JR., '38, is now power consultant for the Oklahoma Gas & Electric Co. in Muskogee, Oklahoma and lives at 2607 Denver, Muskogee.
- MILNER, ROBERT R., '38, has a new address of 314 Wilkinson, Memphis, Tennessee.
- BARRY, LEWIS C., '40, gives his mailing address as Route 4, Box 203, Shreveport, Louisiana.
- LEWIS, FRANK WHITNEY, '41, is with the Allen Bradley Co., 136 West Greenfield, Milwaukee, Wisconsin and lives at the Plaza Hotel, Milwaukee.
- SCOTT, GEORGE HESTERY, '41, is instructing in electrical engineering at Arkansas.
- OLIVER, WALLACE, '42, is with the Fibre-Glas Corp. in Dallas, Texas.
- RAGLAND, HARRY F., '42, is employed in the aero and marine engineering division of the General Electric Co., One River Road, Schenectady, New York.
- BERRY, JACK W., '45, has been instructor at the University of Arkansas in Civil Engineering this year.
- NEWMAN, RUSSEL B., '46, is project electrical engineer for the Reynolds Metal Co., Jones Mill Plant, Malvern, Arkansas.
- BOLLEN, AUSTIN, JR., '47, gives his address as 307 Hillsboro, El Dorado, Arkansas where he is employed by the Arkansas Power & Light Co.
- MEASEL, MARSHALL, '47, is employed by the Standard Oil Co. in Little Rock, Arkansas and lives at 1708 North Jackson Street.
- SAMUELS, GARLAND, '47, is teaching at the University of Arkansas.
- TOLER, RAY, '47, is in the electrical department of the Arkansas Power & Light Co. Home is at 2105 West 29th Street, Pine Bluff, Arkansas.
- VINEYARD, HODGE J., '47, is now employed as an electrical engineer by the General Electric Co. He lives at 3132 Fairfield Avenue, Fort Wayne, Indiana.

## PHI

DIX, KENNETH W., '31, is located at 241 S. Court St., Sullivan, Indiana.

RANKIN, ANDREW WILLIAM, '34, is an engineer in the Turbine Generator Department, General Electric Co., Schenectady, New York. Brother Rankin lives at 1316 McClellan Street, Schenectady.

PRATER, FORREST N., '40, is with the Helms Industrial Development Company, 304 Westlake Square Bldg., Seattle 1, Washington.

WINNER, ROBERT J., '47, wants his mail sent to 1214 1/2 Delaware, Fort Wayne, Indiana.

## CHI

POLK, ORVAL HAROLD, '27, Lt. Comdr. USN, is an instructor in the P.G. School, U. S. Naval Academy, Annapolis, Maryland and lives at 36 Monroe Court, Annapolis.

MANGUM, OTTO KEMPE, '30, is engineer for the U. S. Bureau of Reclamation, Parker Dam, California. His permanent address is Box 2071, Phoenix, Arizona.

FIEDLER, FRED S., '33, and Patricia O'Neil were married on September 21, 1947 in Manhattan Beach, California.

DINDINGER, WILLIAM R., '36, has a new home address at 926 Smith St. Miami, Arizona.

LYNN, RICHARD, '38, is the owner of Base Line Automotive Co. in San Bernadino, California.

ALBORG, WILLIS J., '39, a civil engineer, announces the birth of a daughter on December 10, 1946, in Los Angeles.

BARCOCK, HORACE M., '39, has a son, Thomas Maxson, Born April 14, 1947, in Phoenix, Arizona.

CHASE, CHARLES HAMILTON, '39, is mill superintendent of the Shenandoah-Dives Mining Co. and should be addressed at Box 361, Silverton, Colorado.

CUSHING, ELLIOT, M., '39, is with the U.S. Geological Survey in Memphis, Tennessee. His home address is 636 Buck, Memphis.

KERR, JOHN RUSSELL, '39, is assistant branch manager, York Corp., 1051 Sante Fe Avenue, Los Angeles, California and lives at 7109 Marconi Street, Huntington Park, Calif.

NICHOLAS, CHARLES, '39, is with the Texas Company in Los Angeles, California.

VANLOO, HERMAN WILLET, '39, is an associate civil engineer, for the U.S. Bureau of Reclamation in Cochella, California.

WEST, LAMONT, '39, should be addressed at 2133 5th Street, Boulder, Colorado.

GARRETT, A. RICHARD, '40, moved from Phoenix to 19 South Tyrdall, Tucson, Arizona.

ZERFOSS, GEORGE F., '40, and Aileen Neeley were married on June 29, 1947 in Tempe, Arizona. He is a mining engineer with Phelps-Dodge in Morenci, Arizona.

GATLIN, CLATE A., '41, gets his mail at P. O. Box 101, Goodyear, Arizona.

GRISWOLD, WILLIAM S., '41, has a daughter

born August 13, 1947 in Phoenix.

DIEHL, ALFRED R., '42, is a mechanical engineer with General Electric, Broadway Works, Ft. Wayne, Indiana.

PRATT, MORTON E., '42, has a son, James Morton, born July 1, 1947 in Tucson. Brother Pratt is mining engineer for Yuba Consolidated Goldfields at Hammontown, California.

ROSS, DAVID C., ex '42, has a son, David Erik, born August 26, 1947 in Schenectady, New York.

EPLEY, ROBERT H., '43, Lt. USN, is attending the Navy General Line School in Newport, Rhode Island. He announces the birth of a son, Robert Charles, on June 15, 1946, in Douglas, Arizona.

KING, TOM C., '43, is assistant metallurgist at the plant of the Eagle Picher Lead Co., Joplin, Missouri.

KOMADINA, GEORGE A., '43, can be reached at 1114 E. 7th Street, Tucson, Arizona.

NELMS, CARTER, E., ex '43, is junior engineer with the Arizona Edison Co., Phoenix, Arizona.

NOURSE, WILLIAM K. C., Jr., ex '43, Lt. USMC, is with the 2nd Engineers Battalion, 2nd Marine Division, Camp LeJeune, North Carolina.

MULLEN, RICHARD C., '44, announced the birth of a daughter, Cheryl, on September 24, 1946 in Los Angeles.

JONES, ORVIL R., ex '45, is a student at the University of Colorado in Boulder, Colo.

MOSEY, PETER, '46, who received his Master's degree at Arizona in 1947, is now geologist for the Phelps-Dodge Corp. in Bisbee and lives at 1366 13th Street, Bisbee, Arizona.

BRITTAIN, RICHARD L., '47, is in the engineering department of the Phelps-Dodge Corp. in Lowell, Arizona.

CURRY, FIELD, '47, is a junior engineer with the Union Switch & Signal Co. in Pittsburgh, Pennsylvania.

LEVIN, SIGMUND L., '47, is now located at 4061 Rhodes Avenue, North Hollywood, California.

PRICE, WILLIAM N., '47, announced the birth of a daughter on April 25, 1947 in Tucson. He is a civil engineer with the

Arizona State Highway Department.  
ELHUCK, STEVE, '48, and Miss Winnie Mae Smith of Eunice, Louisiana were married

on June 21, 1947.  
MANNING, GEORGE B., '47, is a test engineer with the General Electric Co., Erie, Pa.

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## PSI

TRUEWORTHY, E. B., '31, who is back from Japan, gets his mail at P. O. Box 1045, Butte, Montana.

WILSON, ARTHUR O., '32, is now mine superintendent with the Tungsten Mining Corp. controlled by General Electric Co. and said to be one of the largest producers in the country. His mailing address is P. O. Box 81, Henderson, North Carolina.

MACÉWAN, JAMES URQUHART, '33, is professor of Metallurgy at McGill University, Montreal, Canada, and lives at 3534 University Avenue, Montreal, Quebec, Canada.

SEIDEMAN, RALPH J., '34, is a mining engineer with the A.C.M. Co. in Butte, Montana. His home is at 649 A Trevonia Street, Butte.

HANSON, GEORGE TECUMSEH, '38, is a metallurgist for the A.C.M. Co. in Anaconda, Montana and lives at 706 Locust Street, Anaconda.

KAPPEL, STANLEY E., '40, left the Sheep Creek Mines in Canada to become safety

engineer for the Federal Mining & Smelting Co., in Wallace, Idaho. His mailing address is Box 715, Mullan, Idaho.

LOUGHRIDGE, K. DEATLEY, '40, is chemist for the A.S. & R. Co. and gets his mail at P. O. Box 816, Selby California.

THURLOW, ERNEST, '40, has left Chile, South America where he was a geologist with the Chile Exploration Co. and is now geologist with the U.S.G.S. in Washington, D. C. The family home is at 1917 D Street, N.E., Washington, D. C.

WILLSON, ROBERT R., '41, asks that his mail be sent to P. O. Box 243, Drummond, Montana.

WARD, CAROLL, '42, formerly at Marysville, Montana has been made manager of operations of the Deer Lodge Mining Co., Deer Lodge, Montana. Robert Woody, '33, is mill superintendent.

ZUZULA, ADOLPH E., '42, is research engineer for AiResearch Mfg. Co., 9851 Sepulveda Blvd. Los Angeles, and lives at 575 Center Street, El Segundo, California.

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## OMEGA

ANDERSON, LUDLOW, '24, is in Anchorage, Alaska.

RICKETTS, DONALD, '32, is assistant superintendent of refineries for the Cerro de Pasco Copper Corporation, La Oroya, Peru, South America.

MUNSON, GERALD, '33, is a registered professional engineer with Julian Staven Consulting Engineers, Rapid City, South Dakota.

WOODMAN, FRANK, '34, is process engineer in charge of Research and Laboratories for the Southern Alkali Corporation, Lake Charles, Louisiana. He was formerly with Basic Magnesium at Henderson, Nevada.

SCHIPKE, J. HENRY, '35, is again in Minneapolis as a structural engineer with General Mills Inc.

SHANE, RALPH, '35, is road engineer for the U. S. Indian Service, Warm Springs, Oregon.

FLINT, ROBERT V., '37, is now assistant manager of the Coast Bureau for the Carnegie Illinois Steel Co., Pittsburgh, Pennsylvania.

FENNER, OTIS, '39, is geologist for the

Pacific Western Oil Corp. in Casper, Wyoming.

STANLEY, IRA L., '39, gives his address as P. O. Box 943, Minot, North Dakota.

LINDLEY, WILLIAM BURTON, '40, wants his mail sent in care of the U. S. Weather Bureau, Fairbanks, Alaska.

BIGELOW, DONALD V., '41, gives his present mailing address as Apartado 246, Caracas, D. F., Venezuela, South America.

DONOVAN, DAN, '41, is hydraulic engineer, P3, Tulare Basin District, Bureau of Reclamation, Fresno, California.

HILLS, ROBERT B., '42, has a new home address at 113 South Rowland Avenue, Temple City, California.

HUBBARD, ERLE J., '42, gives his present address as 1432 Filbert Street, Box 36, Baltimore 26, Maryland.

NEEL, B. BYRL, '42, has left Cal Tech and has established a business of his own, The Metalart Company, 11374 Tennessee Avenue, West Los Angeles, California. The plant is set up for small sheet metal stampings and drawings.

HANNAN, WILLIAM SEATON, '43, is a metal-

lurgist for the Empire Zinc Co., Hanover, New Mexico.

SANDVIG, ROBERT L., '44, is working for his Master's degree at the University of Cincinnati.

SCOWN, WILLIAM, '47, is now with the Minnesota Mining & Mfg. Co. in St. Paul, Minnesota as a junior chemist. His home address is 3301 Taylor Street, N.E., Minneapolis 13.

### GAMMA BETA

GOODWIN, WILLIAM JAMES, '30, is engineer for the Utah Oil Refining Co. in Salt Lake City, and lives at 1781 South 19th Street, Salt Lake City, Utah.

DOWNY, PAUL W., ex '38, moved from Rahway, New Jersey to 84 Poe Street, Hartsdale, New York.

McCULLOUGH, ROBERT W., '43, advises us

that his new address is Apt. 144, 1740 Summer St., Stanford, Conn.

KALV, GEORGE P., '47, has a new address. It's 10 Pacific St., St. Augustine, Florida.

WEATHERSBEE, FRANK B., Jr., '47, gives his mailing address as 8 Quadrant Green, S. W. Washington 20, D.C.

### DELTA BETA

ADAMS, WILBUR P., '42, is now living in Big Clifty, Kentucky.

DLANE, EUGENE M., '46, lives at 2916 Brownsboro Road, Louisville, Kentucky.

SMITH, DONALD EDWARD, '46, is with the Standard Oil Development Co. in Elizabeth, New Jersey and lives at 7 Ridge Road, Smithtown, New York.

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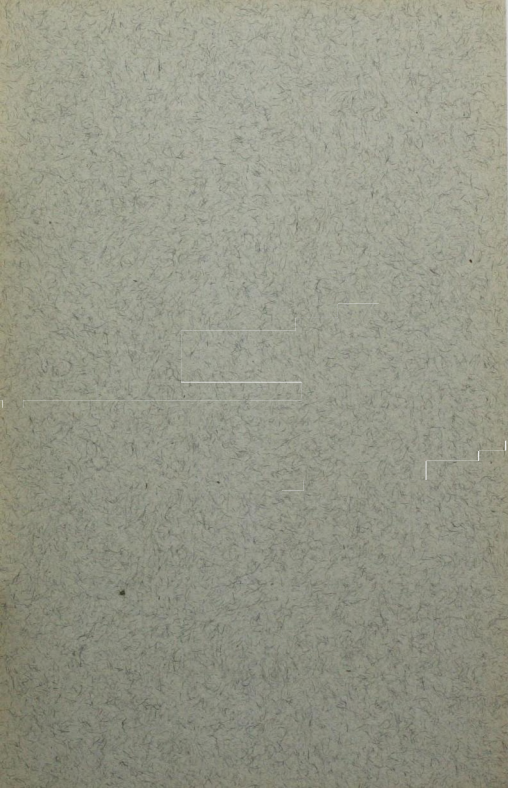
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